



**TELANGANA ELECTRICITY REGULATORY COMMISSION**

**VIDYUT NIYANTRAN BHAVAN, G.T.S. COLONY, KALYAN NAGAR, HYDERABAD 500 045**

**ORDER**  
**ON**  
**REVISED AGGREGATE REVENUE REQUIREMENT**  
**&**  
**RETAIL SUPPLY TARIFFS FOR FY 2026-27**  
**FOR**  
**RETAIL SUPPLY BUSINESS**  
**AND**  
**CROSS SUBSIDY SURCHARGE FOR FY 2026-27**  
**IN**  
**THE SUPPLY AREAS**  
**OF**  
**SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED**  
**(TGSPDCL)**  
**AND**  
**NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED**  
**(TGNPDCL)**

**30.03.2026**

THIS PAGE IS INTENTIONALLY LEFT BLANK



## TABLE OF CONTENTS

|                                                                                                |          |
|------------------------------------------------------------------------------------------------|----------|
| <b>CHAPTER-1 : INTRODUCTION .....</b>                                                          | <b>3</b> |
| 1.1 BACKGROUND .....                                                                           | 3        |
| 1.2 REGULATION NO. 1 OF 2014.....                                                              | 4        |
| 1.3 REGULATION NO. 2 OF 2023.....                                                              | 4        |
| 1.4 TIMELINES FOR FILING TRUE-UP/ TARIFF PETITIONS OF RETAIL SUPPLY<br>BUSINESS.....           | 4        |
| 1.5 PRESENT PETITIONS.....                                                                     | 5        |
| 1.6 ADMISSION OF PETITIONS .....                                                               | 5        |
| 1.7 PUBLIC NOTICE .....                                                                        | 6        |
| 1.8 RESPONSE TO PUBLIC NOTICE.....                                                             | 6        |
| 1.9 STATE ADVISORY COMMITTEE MEETING.....                                                      | 7        |
| 1.10 DATA GAPS.....                                                                            | 7        |
| 1.11 CORRESPONDENCE WITH GoTG FOR MAKING A STATEMENT ON THE FILINGS<br>MADE BY TGDISCOMS ..... | 7        |
| 1.12 PUBLIC HEARING .....                                                                      | 7        |
| 1.13 STATEMENT OF GOVERNMENT OF TELANGANA .....                                                | 8        |
| <b>CHAPTER-2 : SUMMARY OF FILINGS .....</b>                                                    | <b>9</b> |
| 2.1 SUMMARY OF FILINGS.....                                                                    | 9        |
| 2.2 SALE OF ENERGY AND LOSS .....                                                              | 9        |
| 2.3 SALES FORECAST.....                                                                        | 11       |
| 2.4 POWER PURCHASE REQUIREMENT .....                                                           | 13       |
| 2.5 INSTALLED CAPACITIES OF GENERATING STATIONS.....                                           | 15       |
| 2.6 ENERGY AVAILABILITY .....                                                                  | 18       |
| 2.7 SUMMARY .....                                                                              | 21       |
| 2.8 FIXED AND VARIABLE COSTS FOR TGGENCO.....                                                  | 22       |
| 2.9 ADDITIONAL PENSION LIABILITY .....                                                         | 23       |
| 2.10 FIXED AND VARIABLE COSTS FOR CENTRAL GENERATING STATIONS .....                            | 23       |
| 2.11 VARIABLE COSTS FOR NON-CONVENTIONAL ENERGY SOURCES (NCES) .....                           | 25       |
| 2.12 FIXED AND VARIABLE COSTS FOR SEMBCORP ENERGY INDIA LIMITED (SEIL)<br>.....                | 26       |
| 2.13 FIXED AND VARIABLE COSTS FOR SINGARENI THERMAL PROJECT (STPP) .....                       | 26       |
| 2.14 BILATERAL/ INTER-STATE PURCHASES .....                                                    | 26       |
| 2.15 D-D PURCHASES / SALES .....                                                               | 27       |
| 2.16 SALE OF SURPLUS POWER .....                                                               | 27       |



|                                                                                                                            |                                                                     |           |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------|
| 2.17                                                                                                                       | SUMMARY OF POWER PURCHASE FOR FY 2024-25 TO FY 2026-27.....         | 28        |
| 2.18                                                                                                                       | INTER-STATE TRANSMISSION CHARGES (PGCIL CHARGES) .....              | 30        |
| 2.19                                                                                                                       | INTRA-STATE TRANSMISSION CHARGES (ISTS).....                        | 31        |
| 2.20                                                                                                                       | SLDC CHARGES .....                                                  | 31        |
| 2.21                                                                                                                       | DISTRIBUTION COST .....                                             | 31        |
| 2.22                                                                                                                       | INTEREST ON WORKING CAPITAL .....                                   | 32        |
| 2.23                                                                                                                       | INTEREST ON CONSUMER SECURITY DEPOSIT .....                         | 32        |
| 2.24                                                                                                                       | AGGREGATE REVENUE REQUIREMENT .....                                 | 33        |
| 2.25                                                                                                                       | REVENUE PROJECTIONS FOR FY 2025-26 AND FY 2026-27 .....             | 33        |
| 2.26                                                                                                                       | NON-TARIFF INCOME FOR FY 2024-25 TO FY 2026-27 .....                | 34        |
| 2.27                                                                                                                       | CROSS SUBSIDY SURCHARGE (CSS).....                                  | 34        |
| 2.28                                                                                                                       | REVENUE FROM CROSS SUBSIDY SURCHARGE AND ADDITIONAL SURCHARGE ..... | 39        |
| 2.29                                                                                                                       | COST OF SERVICE (COS).....                                          | 39        |
| 2.30                                                                                                                       | PROPOSED TARIFFS FOR FY 2026-27.....                                | 41        |
| 2.31                                                                                                                       | OTHER TARIFF PROPOSALS FOR FY 2026-27.....                          | 45        |
| 2.32                                                                                                                       | REVENUE AND REVENUE GAP/SURPLUS FOR FY 2026-27.....                 | 47        |
| <b>CHAPTER-3 : OBJECTIONS OF STAKEHOLDERS; REPLIES OF PETITIONERS; AND ANALYSIS &amp; FINDINGS OF THE COMMISSION .....</b> |                                                                     | <b>48</b> |
| 3.1                                                                                                                        | OBJECTIONS/SUGGESTIONS MADE ON FILINGS.....                         | 48        |
| 3.2                                                                                                                        | SALES PROJECTIONS .....                                             | 48        |
| 3.3                                                                                                                        | ENERGY REQUIREMENT.....                                             | 65        |
| 3.4                                                                                                                        | ENERGY AVAILABILITY .....                                           | 72        |
| 3.5                                                                                                                        | MONTHLY MERIT ORDER DISPATCH .....                                  | 85        |
| 3.6                                                                                                                        | POWER PURCHASE .....                                                | 88        |
| 3.7                                                                                                                        | INTER-STATE TRANSMISSION CHARGES (ISTS) .....                       | 107       |
| 3.8                                                                                                                        | INTRA-STATE TRANSMISSION CHARGES (InSTS) .....                      | 107       |
| 3.9                                                                                                                        | SLDC CHARGES .....                                                  | 107       |
| 3.10                                                                                                                       | DISTRIBUTION COST- WHEELING BUSINESS.....                           | 108       |
| 3.11                                                                                                                       | DISTRIBUTION COST- RETAIL SUPPLY BUSINESS.....                      | 112       |
| 3.12                                                                                                                       | INTEREST ON CONSUMER SECURITY DEPOSIT .....                         | 113       |
| 3.13                                                                                                                       | NON-TARIFF INCOME .....                                             | 113       |
| 3.14                                                                                                                       | IMPACT OF TRUE-UP/DOWN FOR FY 2024-25.....                          | 115       |
| 3.15                                                                                                                       | IMPACT OF BALANCE SUBSIDY AMOUNT PAYABLE BY GoTG .....              | 115       |
| 3.16                                                                                                                       | AGGREGATE REVENUE REQUIREMENT (ARR).....                            | 116       |
| 3.17                                                                                                                       | COST OF SERVICE (CoS) .....                                         | 121       |

|                                                         |                                                                                          |            |
|---------------------------------------------------------|------------------------------------------------------------------------------------------|------------|
| 3.18                                                    | REFERENCE TARIFF SCHEDULE .....                                                          | 125        |
| 3.19                                                    | TIME OF DAY (TOD) TARIFFS: .....                                                         | 128        |
| 3.20                                                    | REVENUE AT REFERENCE TARIFFS.....                                                        | 128        |
| 3.21                                                    | CROSS SUBSIDY SURCHARGE (CSS).....                                                       | 132        |
| 3.22                                                    | REVENUE FROM CROSS SUBSIDY SURCHARGE .....                                               | 143        |
| 3.23                                                    | REVENUE FROM ADDITIONAL SURCHARGE .....                                                  | 143        |
| 3.24                                                    | REVENUE FROM GRID SUPPORT CHARGES .....                                                  | 143        |
| 3.25                                                    | REVENUE FROM STANDBY CHARGES.....                                                        | 157        |
| 3.26                                                    | REVENUE GAP.....                                                                         | 158        |
| 3.27                                                    | FULL COST RECOVERY TARIFF SCHEDULE .....                                                 | 170        |
| 3.28                                                    | COMMUNICATION WITH GOVERNMENT OF TELANGANA (GoTG) WITH REGARD TO SUBSIDY COMMITMENT..... | 174        |
| 3.29                                                    | TARIFF DESIGN .....                                                                      | 176        |
| 3.30                                                    | OTHER ISSUES NOT DIRECTLY RELATED TO DETERMINATION OF TARIFFS ..                         | 230        |
| 3.31                                                    | RETAIL SUPPLY TARIFF SCHEDULE FOR FY 2026-27.....                                        | 241        |
| 3.32                                                    | TIME OF DAY (TOD) TARIFFS: .....                                                         | 245        |
| <b>CHAPTER-4 : TERMS AND CONDITIONS OF TARIFF .....</b> |                                                                                          | <b>246</b> |
| 4.1                                                     | TERMS & CONDITIONS OF TARIFF.....                                                        | 246        |
| 4.2                                                     | LT-I: DOMESTIC .....                                                                     | 246        |
| 4.3                                                     | LT-II: NON-DOMESTIC/COMMERCIAL/ OTHERS .....                                             | 247        |
| 4.4                                                     | LT-III: INDUSTRY .....                                                                   | 249        |
| 4.5                                                     | LT-IV(A): COTTAGE INDUSTRIES (CONNECTED LOAD NOT EXCEEDING 25HP).....                    | 251        |
| 4.6                                                     | LT-V: AGRICULTURAL .....                                                                 | 252        |
| 4.7                                                     | LT-VI: STREET LIGHTING AND PWS SCHEMES .....                                             | 253        |
| 4.8                                                     | LT-VII: GENERAL.....                                                                     | 254        |
| 4.9                                                     | LT-VIII: TEMPORARY SUPPLY .....                                                          | 255        |
| 4.10                                                    | LT-IX: ELECTRIC VEHICLE CHARGING STATIONS .....                                          | 256        |
| 4.11                                                    | TERMS AND CONDITIONS OF LT SUPPLY.....                                                   | 256        |
| 4.12                                                    | CATEGORY-WISE SPECIFIC CONDITIONS OF LT TARIFF .....                                     | 257        |
| 4.13                                                    | OTHER CHARGES IN LT .....                                                                | 264        |
| 4.14                                                    | MISCELLANEOUS WORKS IN LT .....                                                          | 267        |
| 4.15                                                    | POWER FACTOR APPARATUS AND CAPACITOR SURCHARGE FOR LT .....                              | 267        |
| 4.16                                                    | HT-I: INDUSTRY.....                                                                      | 268        |
| 4.17                                                    | HT-II (A): OTHERS .....                                                                  | 272        |
| 4.18                                                    | HT-II(B): WHOLLY RELIGIOUS PLACES.....                                                   | 274        |
| 4.19                                                    | HT-III: AIRPORTS, RAILWAY STATIONS AND BUS STATIONS.....                                 | 275        |

|                                                                                  |                                                              |            |
|----------------------------------------------------------------------------------|--------------------------------------------------------------|------------|
| 4.20                                                                             | HT-IV: IRRIGATION, AGRICULTURE & CPWS SCHEMES.....           | 276        |
| 4.21                                                                             | HT-V: RAILWAY TRACTION.....                                  | 277        |
| 4.22                                                                             | HT-VI: TOWNSHIPS AND RESIDENTIAL COLONIES .....              | 278        |
| 4.23                                                                             | HT-VII: TEMPORARY SUPPLY.....                                | 278        |
| 4.24                                                                             | HT-VIII: RURAL ELECTRIC CO-OPERATIVE SOCIETIES (RESCO) ..... | 279        |
| 4.25                                                                             | HT-IX: ELECTRIC VEHICLE CHARGING STATIONS.....               | 279        |
| 4.26                                                                             | GREEN TARIFF.....                                            | 280        |
| 4.27                                                                             | TERMS & CONDITIONS OF HT SUPPLY .....                        | 281        |
| 4.28                                                                             | CATEGORY-WISE SPECIFIC CONDITIONS OF HT TARIFF .....         | 282        |
| 4.29                                                                             | OTHER CHARGES IN HT .....                                    | 287        |
| 4.30                                                                             | MISCELLANEOUS WORKS IN HT .....                              | 288        |
| <b>APPENDIX A: ABSTRACT OF THE RETAIL SUPPLY TARIFF FOR FY 2026-27 .....</b>     |                                                              | <b>289</b> |
| <b>APPENDIX B: COMMISSION'S DIRECTIVES TO TGDISCOMS.....</b>                     |                                                              | <b>298</b> |
| <b>ANNEXURE I: PUBLIC NOTICES .....</b>                                          |                                                              | <b>302</b> |
| <b>ANNEXURE II: LIST OF STAKEHOLDERS .....</b>                                   |                                                              | <b>309</b> |
| <b>ANNEXURE III: MONTHLY CATEGORY-WISE SALES (MUS) FOR FY 2026-27.....</b>       |                                                              | <b>320</b> |
| <b>ANNEXURE IV: SLAB-WISE SALES (MUS) FOR FY 2026-27.....</b>                    |                                                              | <b>324</b> |
| <b>ANNEXURE V: MONTHLY STATION-WISE ENERGY AVAILABILITY FOR FY 2026-27 .....</b> |                                                              | <b>327</b> |
| <b>ANNEXURE VI: MERIT ORDER DESPATCH FOR FY 2026-27.....</b>                     |                                                              | <b>330</b> |
| <b>ANNEXURE VII: MONTHLY POWER PROCUREMENT COST FOR FY 2026-27.....</b>          |                                                              | <b>333</b> |
| <b>ANNEXURE VIII: COST OF SERVICE FOR FY 2026-27.....</b>                        |                                                              | <b>342</b> |



## LIST OF TABLES

|                                                                                                 |    |
|-------------------------------------------------------------------------------------------------|----|
| TABLE 2-1: SALE OF ENERGY (MU) AND LOSSES (%) CLAIMED BY TGSPDCL FOR FY 2026-27.....            | 9  |
| TABLE 2-2: SALE OF ENERGY (MU) AND LOSSES (%) CLAIMED BY TGNPDCL FOR FY 2026-27.....            | 10 |
| TABLE 2-3: CATEGORY-WISE SALES (IN MUS) CLAIMED BY TGDISCOMS .....                              | 11 |
| TABLE 2-4: TGDISCOMS LOSSES (%) CONSIDERED FOR PROJECTION OF ENERGY INPUT .....                 | 13 |
| TABLE 2-5: INTRA-STATE LOSSES (%) CONSIDERED FOR PROJECTION OF ENERGY INPUT .....               | 13 |
| TABLE 2-6: ENERGY REQUIREMENT (IN MUS) CLAIMED BY TGDISCOMS .....                               | 14 |
| TABLE 2-7: INSTALLED CAPACITIES (MW) WITH TGGENCO CLAIMED BY TGDISCOMS..                        | 15 |
| TABLE 2-8: SHARE OF TELANGANA IN CGS (MW) CLAIMED BY TGDISCOMS .....                            | 16 |
| TABLE 2-9: INSTALLED CAPACITIES (MW) OF NCE PROJECTS CLAIMED BY TGDISCOMS .....                 | 17 |
| TABLE 2-10: NET ENERGY AVAILABILITY (MUS) FROM TGGENCO-THERMAL CLAIMED BY TGDISCOMS.....        | 18 |
| TABLE 2-11: NET ENERGY AVAILABILITY (MUS) FROM TGGENCO-HYDEL CLAIMED BY TGDISCOMS .....         | 19 |
| TABLE 2-12: NET ENERGY AVAILABILITY (MUS) FROM CGS CLAIMED BY TGDISCOMS .                       | 19 |
| TABLE 2-13: NET ENERGY AVAILABILITY (MUS) FROM NCE SOURCES CLAIMED BY TGDISCOMS .....           | 20 |
| TABLE 2-14: NET ENERGY AVAILABILITY (MUS) FROM SEIL CLAIMED BY TGDISCOMS                        | 21 |
| TABLE 2-15: NET ENERGY AVAILABILITY (MUS) FROM STTP CLAIMED BY TGDISCOMS                        | 21 |
| TABLE 2-16: SUMMARY OF NET ENERGY AVAILABILITY (MUS) CLAIMED BY TGDISCOMS .....                 | 22 |
| TABLE 2-17: TOTAL FIXED COSTS (IN RS. CRORES) CLAIMED BY TGDISCOMS FOR TGGENCO .....            | 22 |
| TABLE 2-18: TOTAL VARIABLE COSTS (IN RS/KWH) CLAIMED BY TGDISCOMS FOR TGGENCO .....             | 23 |
| TABLE 2-19: ADDITIONAL PENSION LIABILITY (IN RS. CRORES) CLAIMED BY TGDISCOMS FOR TGGENCO ..... | 23 |
| TABLE 2-20: TOTAL FIXED COSTS (IN RS. CRORES) CLAIMED BY TGDISCOMS FOR CGS                      | 24 |
| TABLE 2-21: TOTAL VARIABLE COSTS (IN RS/KWH) CLAIMED BY TGDISCOMS FOR CGS                       | 24 |
| TABLE 2-22: VARIABLE COSTS (RS/KWH) CLAIMED BY TGSPDCL FOR NCE SOURCES ....                     | 25 |
| TABLE 2-23: VARIABLE COSTS (RS/KWH) CLAIMED BY TGNPDCL FOR NCE SOURCES ...                      | 25 |
| TABLE 2-24: FIXED AND VARIABLE COSTS CLAIMED BY TGDISCOMS FOR SEIL .....                        | 26 |
| TABLE 2-25: FIXED AND VARIABLE COSTS CLAIMED BY TGDISCOMS FOR STPP .....                        | 26 |
| TABLE 2-26: VARIABLE RATES (RS/KWH) FOR OTHER SHORT-TERM PURCHASES CLAIMED BY TGDISCOMS.....    | 27 |
| TABLE 2-27: QUANTUM OF D-D PURCHASE/(SALE) AND D-D COSTS/(REVENUE) CLAIMED BY TGDISCOMS.....    | 27 |
| TABLE 2-28: POWER PURCHASE COST CLAIMED BY TGDISCOMS .....                                      | 28 |
| TABLE 2-29: PGCIL CHARGES (RS. CRORES) CLAIMED BY TGDISCOMS .....                               | 30 |
| TABLE 2-30: INTRA-STATE TRANSMISSION CHARGES (RS. CRORES) CLAIMED BY TGDISCOMS .....            | 31 |
| TABLE 2-31: SLDC CHARGES (RS. CRORES) CLAIMED BY TGDISCOMS .....                                | 31 |

|                                                                                                                           |    |
|---------------------------------------------------------------------------------------------------------------------------|----|
| TABLE 2-32: DISTRIBUTION COSTS (RS. CRORES) CLAIMED BY TGDISCOMS .....                                                    | 31 |
| TABLE 2-33: INTEREST ON WORKING CAPITAL (RS. CRORES) CLAIMED BY TGNPDCL ...                                               | 32 |
| TABLE 2-34: INTEREST ON CONSUMER DEPOSITS (RS. CRORES) CLAIMED BY TGDISCOMS .....                                         | 33 |
| TABLE 2-35: AGGREGATE REVENUE REQUIREMENT (RS. CRORES) CLAIMED BY TGDISCOMS .....                                         | 33 |
| TABLE 2-36: GROSS REVENUE PROJECTIONS (RS. CRORES) CLAIMED BY TGDISCOMS..                                                 | 33 |
| TABLE 2-37: CROSS SUBSIDY SURCHARGE (RS. /UNIT) CLAIMED BY TGSPDCL .....                                                  | 35 |
| TABLE 2-38: CROSS SUBSIDY SURCHARGE (RS. /UNIT) CLAIMED BY TGNPDCL .....                                                  | 37 |
| TABLE 2-39: REVENUE FROM CSS (RS. CRORES) CLAIMED BY TGSPDCL .....                                                        | 39 |
| TABLE 2-40: REVENUE FROM AS (RS. CRORES) CLAIMED BY TGSPDCL .....                                                         | 39 |
| TABLE 2-41: COST OF SERVICE (COS) CLAIMED BY TGDISCOMS .....                                                              | 39 |
| TABLE 2-42: EXISTING AND PROPOSED RETAIL SUPPLY TARIFFS CLAIMED BY TGDISCOMS .....                                        | 41 |
| TABLE 2-43: GRID SUPPORT CHARGES (RS. CRORES) CLAIMED BY TGDISCOMS .....                                                  | 46 |
| TABLE 2-44: REVISED CUSTOMER CHARGES PROPOSED BY TGDISCOMS .....                                                          | 46 |
| TABLE 2-45: REVENUE GAP/SURPLUS (RS. CRORES) CLAIMED BY TGDISCOMS .....                                                   | 47 |
| TABLE 3-1: CATEGORY-WISE GROWTH RATES (%) & SALES (MUS) APPROVED FOR TGSPDCL .....                                        | 62 |
| TABLE 3-2: CATEGORY-WISE GROWTH RATES (%) & SALES (MUS) APPROVED FOR TGNPDCL .....                                        | 64 |
| TABLE 3-3 : VOLTAGE WISE LOSSES (%) CLAIMED BY TGDISCOMS .....                                                            | 65 |
| TABLE 3-4: ENERGY REQUIREMENT (IN MUS) CLAIMED BY TGDISCOMS .....                                                         | 66 |
| TABLE 3-5 : VOLTAGE WISE LOSSES (%) .....                                                                                 | 71 |
| TABLE 3-6 : INTRA-STATE LOSSES (%) .....                                                                                  | 71 |
| TABLE 3-7 : INTER-STATE LOSSES (%) .....                                                                                  | 72 |
| TABLE 3-8 : ENERGY REQUIREMENT APPROVED FOR TGDISCOMS (MU) .....                                                          | 72 |
| TABLE 3-9: SUMMARY OF NET ENERGY AVAILABILITY (MUS) FOR THE STATE CLAIMED BY TGDISCOMS .....                              | 72 |
| TABLE 3-10 : SHARE ALLOCATION TO TELANGANA (MW) FROM TGGENCO- THERMAL GENERATING STATIONS CONSIDERED FOR FY 2026-27 ..... | 80 |
| TABLE 3-11 : ENERGY AVAILABILITY (MUS) FROM TGGENCO- THERMAL GENERATING STATIONS APPROVED FOR FY 2026-27 .....            | 80 |
| TABLE 3-12 : SHARE ALLOCATION TO TELANGANA (MW) FROM TGGENCO- HYDEL GENERATING STATIONS CONSIDERED FOR FY 2026-27 .....   | 80 |
| TABLE 3-13 : ENERGY AVAILABILITY (MU) FROM TGGENCO- HYDEL GENERATING STATIONS APPROVED FOR FY 2026-27 .....               | 81 |
| TABLE 3-14 : SHARE ALLOCATION TO TELANGANA (MW) IN CENTRAL GENERATING STATIONS CONSIDERED FOR FY 2026-27 .....            | 81 |
| TABLE 3-15: ENERGY AVAILABILITY (MUS) FROM CGS APPROVED FOR FY 2026-27 .....                                              | 82 |
| TABLE 3-16 : SHARE ALLOCATION TO TELANGANA (MW) FROM OTHER LONG- TERM SOURCES OF POWER .....                              | 83 |
| TABLE 3-17 : ENERGY AVAILABILITY (MUS) FROM OTHER LONG-TERM SOURCES APPROVED FOR FY 2026-27 .....                         | 84 |
| TABLE 3-18 : CAPACITY AVAILABLE (MW) FROM NCE SOURCES APPROVED FOR FY 2026-27 .....                                       | 84 |
| TABLE 3-19: ENERGY AVAILABILITY (MUS) FROM NCE SOURCES APPROVED FOR FY 2026-27 .....                                      | 85 |



|                                                                                                      |     |
|------------------------------------------------------------------------------------------------------|-----|
| TABLE 3-20 : ENERGY AVAILABILITY APPROVED FOR FY 2026-27 (MUS) .....                                 | 85  |
| TABLE 3-21 : POWER PROCUREMENT COST FROM TGGENCO STATIONS APPROVED FOR<br>FY 2026-27.....            | 101 |
| TABLE 3-22 : POWER PROCUREMENT COST APPROVED FROM CGS FOR FY 2026-27.....                            | 102 |
| TABLE 3-23 : POWER PROCUREMENT COST FROM OTHER CONVENTIONAL SOURCES<br>APPROVED FOR FY 2026-27 ..... | 103 |
| TABLE 3-24 : POWER PROCUREMENT COST FROM NCE SOURCES APPROVED FOR FY 2026-<br>27.....                | 104 |
| TABLE 3-25 : POWER PURCHASE COST FOR TGSPDCL AS APPROVED FOR FY 2026-27 ..                           | 106 |
| TABLE 3-26 : POWER PURCHASE COST FOR TGNPDCL AS APPROVED FOR FY 2026-27..                            | 106 |
| TABLE 3-27 : POWER PURCHASE COST FOR TGDISCOMS AS APPROVED FOR FY 2026-27<br>.....                   | 106 |
| TABLE 3-28: INTER-STATE TRANSMISSION CHARGES (RS. CRORES) APPROVED FOR FY<br>2026-27.....            | 107 |
| TABLE 3-29: INTRA-STATE TRANSMISSION CHARGES (RS. CRORES) APPROVED FOR FY<br>2026-27.....            | 107 |
| TABLE 3-30: SLDC CHARGES (RS. CRORES) APPROVED FOR FY 2026-27 .....                                  | 108 |
| TABLE 3-31: DISTRIBUTION COST-WHEELING BUSINESS (RS. CRORES) APPROVED FOR FY<br>2026-27.....         | 112 |
| TABLE 3-32: DISTRIBUTION COST-RETAIL SUPPLY BUSINESS (RS. CRORES) APPROVED<br>FOR FY 2026-27 .....   | 113 |
| TABLE 3-33: INTEREST ON CONSUMER SECURITY DEPOSIT (RS. CRORES) APPROVED FOR<br>FY 2026-27.....       | 113 |
| TABLE 3-34: NON-TARIFF INCOME (RS. CRORES) APPROVED FOR FY 2026-27 .....                             | 114 |
| TABLE 3-35: BALANCE SUBSIDY PAYABLE BY GOTG (RS. CRORES) IN FY 2026-27 .....                         | 116 |
| TABLE 3-36: AGGREGATE REVENUE REQUIREMENT (RS. CRORES) APPROVED FOR FY<br>2026-27.....               | 120 |
| TABLE 3-37: COST OF SERVICE (COS) CLAIMED BY TGDISCOMS .....                                         | 121 |
| TABLE 3-38: COST OF SERVICE FOR EACH CATEGORY DETERMINED FOR FY 2026-27 (RS.<br>/KWH).....           | 123 |
| TABLE 3-39: REFERENCE TARIFF SCHEDULE FOR FY 2026-27.....                                            | 125 |
| TABLE 3-40: APPLICABLE TIME OF DAY (TOD) TARIFFS .....                                               | 128 |
| TABLE 3-41: REVENUE AT REFERENCE TARIFFS (RS. CRORES) DETERMINED FOR FY 2026-<br>27.....             | 130 |
| TABLE 3-42: CSS CLAIMED BY TGDISCOMS FOR FY 2026-27 .....                                            | 132 |
| TABLE 3-43: CSS DETERMINED FOR TGSPDCL FOR FY 2026-27 .....                                          | 140 |
| TABLE 3-44: CSS DETERMINED FOR TGNPDCL FOR FY 2026-27.....                                           | 141 |
| TABLE 3-45: GRID SUPPORT CHARGES (RS. CRORES) CLAIMED AND APPROVED FOR FY<br>2026-27.....            | 157 |
| TABLE 3-46: REVENUE GAP/SURPLUS (RS. CRORES) CLAIMED BY TGDISCOMS FOR FY<br>2026-27.....             | 158 |
| TABLE 3-47: REVENUE GAP (RS. CRORES) AT REFERENCE TARIFFS DETERMINED FOR FY<br>2026-27.....          | 169 |
| TABLE 3-48: FULL COST RECOVERY TARIFF SCHEDULE FOR FY 2026-27 .....                                  | 171 |
| TABLE 3-49: REQUIREMENT OF SUBSIDY AMOUNT (RS. CRORES) FROM GOTG FOR FY<br>2026-27.....              | 174 |
| TABLE 3-50: ALLOCATION OF SUBSIDY COMMITMENT (RS. CRORES) OF GOTG FOR FY<br>2026-27.....             | 175 |

|                                                                              |     |
|------------------------------------------------------------------------------|-----|
| TABLE 3-51: ALLOCATION OF REGULATORY ASSET (RS. CRORES) FOR FY 2026-27 ..... | 175 |
| TABLE 3-52: RETAIL SUPPLY TARIFF SCHEDULE AS DETERMINED FOR FY 2026-27.....  | 241 |
| TABLE 3-53: APPLICABLE TIME OF DAY (TOD) TARIFFS .....                       | 245 |



**LIST OF ABBREVIATIONS**

|           |                                                                  |
|-----------|------------------------------------------------------------------|
| A&G       | Administrative and General                                       |
| APCPDCL   | Central Power Distribution Corporation of Andhra Pradesh Limited |
| APERC     | Andhra Pradesh Electricity Regulatory Commission                 |
| APNPDCL   | Northern Power Distribution Company of Andhra Pradesh Limited    |
| APTRANSCO | Transmission Corporation of Andhra Pradesh Limited               |
| ARR       | Aggregate Revenue Requirement                                    |
| ASCI      | Administrative Staff College of India                            |
| AT&C      | Aggregate Technical and Commercial Losses                        |
| CAGR      | Compound Annual Growth Rate                                      |
| CC        | Current Consumption                                              |
| CEA       | Central Electricity Authority                                    |
| CERC      | Central Electricity Regulatory Commission                        |
| CPI       | Consumer Price Index                                             |
| CT        | Current Transformer                                              |
| CWIP      | Capital Work in Progress                                         |
| DA        | Dearness Allowance                                               |
| DE        | Divisional Engineer                                              |
| DISCOM    | Distribution Company                                             |
| DNR       | Distribution Network Renovation                                  |
| DTR       | Distribution Transformer                                         |
| EE        | Employee Expenses                                                |
| FPT       | Filing for Proposed Tariff                                       |
| FRP       | Financial Restructuring Plan                                     |
| FY        | Financial Year                                                   |
| G.O.M.s   | Government Order (Manuscript)                                    |
| GFA       | Gross Fixed Assets                                               |
| GHMC      | Greater Hyderabad Municipal Corporation                          |
| GoI       | Government of India                                              |
| GoTG      | Government of Telangana                                          |
| HT        | High Tension                                                     |
| HV        | High Voltage                                                     |
| HVDC      | High Voltage Direct Current                                      |
| IDC       | Interest During Construction                                     |
| ISI       | Indian Statistical Institute                                     |
| kV        | kilo Volt                                                        |
| LI        | Lift Irrigation                                                  |
| LT        | Low Tension                                                      |
| LV        | Low Voltage                                                      |
| MAT       | Minimum Alternate Tax                                            |
| MoP       | Ministry of Power                                                |
| MSW       | Municipal Solid Waste                                            |
| MU        | Million Units                                                    |
| MW        | Mega-Watt                                                        |



|           |                                                          |
|-----------|----------------------------------------------------------|
| MYT       | Multi Year Tariff                                        |
| NCE       | Non-Conventional Energy                                  |
| NEP       | National Electricity Policy                              |
| NTI       | Non-Tariff Income                                        |
| NTP       | National Tariff Policy                                   |
| O&M       | Operation and Maintenance                                |
| O.P.      | Original Petition                                        |
| OA        | Open Access                                              |
| PFC       | Power Finance Corporation                                |
| PGCIL     | Power Grid Corporation of India Limited                  |
| PTC       | Power Trading Corporation                                |
| PTR       | Power Transformer                                        |
| R&M       | Repairs & Maintenance                                    |
| RBI       | Reserve Bank of India                                    |
| RE        | Renewable Energy                                         |
| REC       | Rural Electrification Corporation                        |
| RECs      | Renewable Energy Certificates                            |
| RMI       | Renovation, Modernisation & Improvement                  |
| RoCE      | Return on Capital Employed                               |
| RoE       | Return on Equity                                         |
| RPPO      | Renewable Power Purchase Obligation                      |
| RRB       | Regulated Rate Base                                      |
| Rs.       | Rupees                                                   |
| RTC       | Round the Clock                                          |
| S/s or SS | Sub-Station                                              |
| SCCL      | Singareni Collieries Company Limited                     |
| SLDC      | State Load Despatch Centre                               |
| STU       | State Transmission Utility                               |
| TGERC     | Telangana Electricity Regulatory Commission              |
| TGNPDCL   | Northern Power Distribution Company of Telangana Limited |
| TGPCC     | Telangana Power Coordination Committee                   |
| TGRPDCL   | Telangana Rythu Power Distribution Company Limited       |
| TGSPDCL   | Southern Power Distribution Company of Telangana Limited |
| TGTRANSCO | Transmission Corporation of Telangana Limited            |
| WACC      | Weighted Average Cost of Capital                         |
| WPI       | Wholesale Price Index                                    |



# TELANGANA ELECTRICITY REGULATORY COMMISSION

VIDYUT NIYANTRAN BHAVAN, G.T.S. COLONY, KALYAN NAGAR, HYDERABAD 500 045

**Dated 30.03.2026**

## **Present**

Dr. Justice Devaraju Nagarjun, Chairman

Sri. Raghu Kancharla, Member (Technical)

Sri. Cherukuri Srinivasa Rao, Member (Finance)

### **O.P. No. 79 of 2025**

Northern Power Distribution Company of Telangana Limited (TGNPDCCL)

### **O.P. No. 80 of 2025**

Southern Power Distribution Company of Telangana Limited (TGSPDCCL)

... Applicants

The Southern Power Distribution Company of Telangana Limited (TGSPDCCL) and the Northern Power Distribution Company of Telangana Limited (TGNPDCCL) (hereinafter referred to as “Applicants” or “Petitioners” or “TGDISCOMs” or “Licensees”) have filed petitions on 29.11.2025 for determining revised Aggregate Revenue Requirement (ARR), Retail Supply Tariffs and Cross Subsidy Surcharge for FY 2026-27 in accordance with Regulation 2 of 2023 in respect of their retail supply business.

2. The Commission, in exercise of its powers under the Electricity Act, 2003 and Regulation No. 2 of 2023 passed the present common order after considering petitioners submissions, suggestions/ comments/ objections of the stakeholders, responses of petitioners on issues that were raised during the Public Hearings, and all other relevant material placed on record before the Commission.

THIS PAGE IS INTENTIONALLY LEFT BLANK





## CHAPTER-1 : INTRODUCTION

### 1.1 BACKGROUND

#### **Telangana Electricity Regulatory Commission (Commission)**

- 1.1.1 Telangana State Electricity Regulatory Commission was constituted by the Government of Telangana (GoTG) in accordance with the provisions of Schedule XII(C)(3) of the A.P. Reorganisation Act of 2014 read with Section 82(1) of the Electricity Act, 2003 vide G.O.Ms.No.3, (Energy) (Budget) Department, dated 26.07.2014. Further, the Government of Telangana vide G.O.Ms.No.12, Energy (HR. A1) Department dated 31.05.2024 changed the nomenclature and abbreviation of the Commission as 'Telangana Electricity Regulatory Commission and TGERC respectively.

#### **Telangana State Distribution Companies (TGDISCOMs)**

- 1.1.2 Consequent to the formation of the state of Telangana, the erstwhile APCPDCL (excluding the Kurnool and Anantapur circles) was renamed as TSSPDCL and the APNPDCL (excluding seven mandals viz., Chintoor, Vara Ramachandrapuram, Kunavaram, Kukunuru, Velairupadu, Badrachalam (excluding Badrachalam town) and part of Burgampadu (excluding twelve (12) revenue villages)) was renamed as TSNPDCL respectively w.e.f. 02.06.2014.
- 1.1.3 The statement of bifurcation of assets and liabilities between the DISCOMs of Telangana and Andhra Pradesh as approved by the Expert Committee formed for recommendation on bifurcation of assets & liabilities was forwarded to the Government of Telangana for necessary implementation.
- 1.1.4 During FY 2016-17, Government of Telangana vide G.O.Ms.No.225, 234 and 240 dated 11.10.2016, issued orders for reorganisation of existing districts and formation of new districts in the state of Telangana. Accordingly, seven revenue mandals under the territorial jurisdiction of TSNPDCL have been merged with Siddipet district of TSSPDCL, Gundala mandal of Nalgonda which was under the territorial jurisdiction of TSSPDCL was demerged/hived off and merged with Jangaon district under the territorial jurisdiction of TSNPDCL.
- 1.1.5 The Government of Telangana vide G.O.Ms.No.20 dated 23.02.2019 has re-transferred the Gundala mandal from TSNPDCL jurisdiction to TSSPDCL. With regard to the

transfer of assets and liabilities, the TSSPDCL took over the network of Gundala mandal *w.e.f.* 02.04.2019 during FY 2019- 20. Accordingly, the assets and liabilities of Gundala were incorporated in TSSPDCL in FY 2019-20.

- 1.1.6 The Commission vide its order dated 17.03.2017 in O.P. Nos. 3 and 4 of 2017, allowed the change in names of the licensees to be Southern Power Distribution Company of Telangana Limited (TSSPDCL) and Northern Power Distribution Company of Telangana Limited (TSNPDCL) in place of APCPDCL and APNPDCL respectively.
- 1.1.7 In wake of the Government of Telangana's orders vide U.O. Note No.4634/Genl, L&C/ 2024 dated 17.05.2024 to replace all references to "TS" with "TG" in the nomenclature of all state PSUs, Agencies, Autonomous Institutions and other government bodies, the TSSPDCL and TSNPDCL replaced the abbreviated form of the company name and revised logo from TSSPDCL and TSNPDCL to TGSPDCL and TGNPDCL respectively in all official documents.

## **1.2 REGULATION NO. 1 OF 2014**

- 1.2.1 The Commission, soon after its formation, had notified Regulation viz., 'Adoption' Regulation No.1 of 2014 on 10.12.2014 being adoption of previously subsisting regulations, decisions, directions or order, licenses and practice of directions.
- 1.2.2 In accordance with the above Regulation, all the earlier Regulations framed by the erstwhile Andhra Pradesh Electricity Regulatory Commission will continue to apply for the State of Telangana, till further modification.

## **1.3 REGULATION NO. 2 OF 2023**

- 1.3.1 In exercise of the powers conferred under Section 61 read with Section 181 of the Electricity Act, 2003 (36 of 2003), TGERC has introduced Regulation No. 2 of 2023 viz. Telangana State Electricity Regulatory Commission (Multi Year Tariff) Regulation, 2023 *inter-alia* superseding Regulation No. 4 of 2005.
- 1.3.2 Regulation No. 2 of 2023 continued the Multi-Year-Tariff framework and specified the principles and procedures of filings and also defines control period as a five-year period beginning with the fifth control period from FY 2024-25 to FY 2028-29.

## **1.4 TIMELINES FOR FILING TRUE-UP/ TARIFF PETITIONS OF RETAIL SUPPLY BUSINESS**

- 1.4.1 As per Clause 6.2 of Regulation no. 2 of 2023 TGDISCOMs, after first year of the

Control Period and onwards, shall file annual petition for their Retail Supply Business comprising of (i) *True-up* of preceding year; (ii) Aggregate Revenue Requirement (ARR) for ensuing year of the control period; (iii) Revenue from retail sale of electricity at existing tariffs & charges and projected revenue gap for ensuing year of the Control Period and (iv) Proposal of consumer category wise retail supply tariff and charges for ensuing year of the Control Period by 30<sup>th</sup> November of current financial year.

## 1.5 PRESENT PETITIONS

1.5.1 TGDISCOMs filed the instant petitions for determining revised Aggregate Revenue Requirement (ARR), Retail Supply Tariffs and Cross Subsidy Surcharge for FY 2026-27 with the following prayers:

### **TGSPDCL:**

- *Take the accompanying Revised ARR of TGSPDCL & Tariff for FY 2026-27 on record and treat it as complete.*
- *Grant suitable opportunity to TGSPDCL within a reasonable time frame to file additional material information that may be subsequently available.*
- *Consider and approve TGSPDCL's Revised ARR and Tariff application including all requested regulatory treatments in the filing.*
- *Pass such order as the Commission may deem fit and proper in the facts and circumstances of the case.*

### **TGNPDCL:**

- *Take the accompanying Revised ARR of TGNPDCL and Tariff & cross subsidy surcharge for FY 2026-27 on record and treat it as complete.*
- *Grant suitable opportunity to TGNPDCL within a reasonable time frame to file additional material information that may be subsequently available.*
- *Consider and approve TGNPDCL's Revised ARR and Tariff application including all requested regulatory treatments in the filing.*
- *Pass such order as the Commission may deem fit and proper in the facts and circumstances of the case.*

## 1.6 ADMISSION OF PETITIONS

1.6.1 The petitions submitted by TGDISCOMs were scrutinised and found to be in order as required under 'Conduct of Business' Regulations, 2015 (Regulation No. 2 of 2015).



The filings were admitted and were taken on record by assigning the following Original Petition (O.P) numbers:

- O.P. No. 79 of 2025 for TGNPDCL
- O.P. No. 80 of 2025 for TGSPDCL

## 1.7 PUBLIC NOTICE

- 1.7.1 The petitioners, as directed by the Commission, published a public notice in two (2) English, two (2) Telugu and one (1) Urdu daily newspapers on 08.01.2026 in respect of revised ARR, FPT & CSS proposals for FY 2026-27 ([Annexure I](#)). The public notice was to inform the stakeholders and general public at large that the petitioners have filed petitions for revised ARR and Retail Supply Tariffs before the Commission in respect of their Retail Supply Business for FY 2026-27.
- 1.7.2 It was also notified in the said public notice that, objections/suggestions/comments on the filings may be filed with the petitioners on or before 31.01.2026 with a copy marked to the Commission Secretary. On request from the stakeholders, last date to submit objections/suggestions/comments was extended to 15.02.2026.
- 1.7.3 Further, the venues of public hearings on revised ARR filings for FY 2026-27 were indicated in the public notices as the Meeting Hall, Integrated District Collectorate Complex, Hanumakonda on 05.03.2026 from 10:30 hours onwards for the TGNPDCL area of supply and as Court Hall of the Commission, 'Vidyut Niyantran Bhavan', Kalyan Nagar, Hyderabad- 500045 on 07.03.2026 from 10:30 hours onwards for the TGSPDCL area of supply. However, due to administrative exigencies, the public hearing in respect of TGNPDCL scheduled on 05.03.2026 was rescheduled to 06.03.2026. A public notice to this effect was issued on 25.02.2026.
- 1.7.4 The filings of the petitioners along with the additional information submitted by TGDISCOMs were posted on the official website of TGDISCOMs as well as on the website of the Commission.

## 1.8 RESPONSE TO PUBLIC NOTICE

- 1.8.1 In response to the public notices, objections/suggestions were received from 71 stakeholders for TGSPDCL and 49 stakeholders for TGNPDCL. The details of stakeholders who submitted objections/ suggestions is enclosed as [Annexure II](#).
- 1.8.2 The petitioners were directed to arrange responses to stakeholders 'written

objections/suggestions by 20.02.2026 to the respective objector with a copy to Commission Secretary before the scheduled date of public hearing. It was also directed to post the replies on the website of the respective TGDISCOM.

## **1.9 STATE ADVISORY COMMITTEE MEETING**

- 1.9.1 A meeting of the State Advisory Committee (SAC) was conducted on 03.02.2026 at Meeting Hall, TGERC, 'Vidyut Niyamtran Bhavan', Kalyan Nagar, Hyderabad-500045 in which the views of members on the filings of the petitioners were also sought. The views of the members were duly considered while issuing this order.

## **1.10 DATA GAPS**

- 1.10.1 Upon scrutiny of the filings the Commission identified certain data gaps and directed the petitioners to furnish additional information. The Commission has considered the original filings and additional information submitted by the petitioners.

## **1.11 CORRESPONDENCE WITH GoTG FOR MAKING A STATEMENT ON THE FILINGS MADE BY TGDISCOMS**

- 1.11.1 The Commission, vide Lr. No. TGERC/Secy/Tariff/F.No.RST/D.No.71/26, dated 28.01.2026, intimated Government of Telangana about the filings made by TGDISCOMs for (a) approval of Power Purchase Cost True-up for FY 2022-23, (b) approval of Power Purchase Cost True-up & Revenue True-up for FY 2023-24 & FY 2024-25 for their Retail Supply Business and (c) determination of revised ARR, FPT& CSS proposals for FY 2026-27 for their Retail Supply Business and Petition filed by CESS, Sircilla for determination of revised ARR for FY 2026-27. The State Government was requested to make a statement before the Commission on the proposals of the licensees at the respective places of public hearings.

## **1.12 PUBLIC HEARING**

- 1.12.1 As published in the public notice, the Commission conducted public hearings on 06.03.2026 and 07.03.2026 covering the respective areas of supply of TGNPDCL and TGSPDCL. During the public hearings, TGDISCOMs made brief presentations on their respective filings. 50 objectors were present for TGSPDCL and 40 objectors were present for TGNPDCL. They were permitted to present objections before the Commission. At the end, as directed by the Commission, the petitioners responded on the issues raised by the stakeholders during the Public Hearings. The list of the

stakeholders who attended the public hearings is at [Annexure II](#).

### 1.13 STATEMENT OF GOVERNMENT OF TELANGANA

1.13.1 The representative of the Government of Telangana has participated in the public hearing conducted on 07.03.2026 at Meeting Hall, TGERC, 'Vidyut Niyantran Bhavan', Kalyan Nagar, Hyderabad- 500045 and read out the statement of the Government of Telangana on its behalf.

*“The Government of Telangana provided financial subsidy under various schemes to Telangana Power Utilities in the previous Financial Years.*

*2. The Government of Telangana continues to remain committed to provide the necessary financial support to Telangana Power Utilities in accordance with the provisions of Section 65 of Electricity Act, 2003 for the Financial Year 2026-27 as per Tariff Order to be approved by the Honorable Commission. This would enable the Government of Telangana to meet its objective of ensuring quality power supply to all consumers.”*



## CHAPTER-2 : SUMMARY OF FILINGS

### 2.1 SUMMARY OF FILINGS

2.1.1 This Chapter summarises the salient features of the filings of TGDISCOMs for Revised ARR, Retail Supply Tariffs and Cross Subsidy Surcharge for FY 2026-27.

### 2.2 SALE OF ENERGY AND LOSS

2.2.1 Projections for sale of energy and loss of TGSPDCL for FY 2026-27 are as under:

**Table 2-1: Sale of energy (MU) and Losses (%) claimed by TGSPDCL for FY 2026-27**

| Particulars                                   | FY 2024-25<br>(Actuals) |               | FY 2025-26<br>(Estimated) |               | FY 2026-27<br>(Projections) |               |
|-----------------------------------------------|-------------------------|---------------|---------------------------|---------------|-----------------------------|---------------|
|                                               | MU                      | %             | MU                        | %             | MU                          | %             |
| Metered Sales                                 | 40,974                  | 66.80%        | 42,948.75                 | 69.20%        | 48,325.17                   | 69.80%        |
| LT Agricultural Sales                         | 15,209                  | 24.80%        | 14,139.77                 | 22.80%        | 15,428.12                   | 22.20%        |
| <b>Total Sales</b>                            | <b>56,203</b>           | <b>91.60%</b> | <b>57,088.52</b>          | <b>91.90%</b> | <b>63,753.28</b>            | <b>92.00%</b> |
| Add: Distribution Losses<br>(Incl. EHT Sales) | 5,088                   | 8.30%         | 4,999.23                  | 8.10%         | 5,525.99                    | 7.98%         |
| <b>Energy required at<br/>DISCOM level</b>    | <b>61,292</b>           | <b>100%</b>   | <b>62,087.75</b>          | <b>100%</b>   | <b>69,278.28</b>            | <b>100%</b>   |

2.2.2 TGSPDCL submitted that the actual distribution losses for FY 2024-25 are less compared to actual losses for FY 2023-24. Actual losses for FY 2025-26 (H1) are 8.13% and are expected to further reduce with implementation of following measures:

- Reduction of both Technical and commercial losses by vigorously conducting 11 kV feeder wise energy audits around 2,955 feeders in the company.
- Sealing of services.
- Providing high accuracy meters (smart meters).
- Shifting of meters to outside.
- Replacing concealed wiring with open wiring.
- Providing AB cable in theft prone areas.
- Relocation of DTRs to load centres.
- Increasing HT/LT ratio.
- Segregation of overloaded feeders.
- Addition of capacitor banks in the feeders.
- HVDS
- Augmentation of overloaded PTRs, DTRs and conductors.

2.2.3 Projections for sale of energy and loss of TGNPDCL for FY 2026-27 are as under:

**Table 2-2: Sale of energy (MU) and Losses (%) claimed by TGNPDCL for FY 2026-27**

| Particulars                                   | FY 2024-25<br>(Actuals) |               | FY 2025-26<br>(Estimated) |               | FY 2026-27<br>(Projections) |               |
|-----------------------------------------------|-------------------------|---------------|---------------------------|---------------|-----------------------------|---------------|
|                                               | MU                      | %             | MU                        | %             | MU                          | %             |
| Metered Sales                                 | 12,549.50               | 52.00%        | 13,172.88                 | 51.00%        | 14,409.22                   | 50.00%        |
| LT Agricultural Sales                         | 9,493.27                | 39.00%        | 10,567.99                 | 41.00%        | 11,961.55                   | 41.00%        |
| <b>Total Sales</b>                            | <b>22,042.77</b>        | <b>91.00%</b> | <b>23,740.87</b>          | <b>91.00%</b> | <b>26,370.77</b>            | <b>91.00%</b> |
| Add: Distribution Losses<br>(Incl. EHT Sales) | 2,159.68                | 8.92%         | 2,333.47                  | 8.95%         | 2,591.30                    | 8.95%         |
| <b>Energy required at<br/>DISCOM level</b>    | <b>24,202.45</b>        | <b>100%</b>   | <b>26,074.34</b>          | <b>100%</b>   | <b>28,962.06</b>            | <b>100%</b>   |

2.2.4 TGNPDCL submitted that the actual distribution losses were decreased year to year up to FY 2022-23 but compared to FY 2022-23 and FY 2023-24 losses increased from 10.10% to 10.53% due to increase in LT-V: Agricultural sales from 7,868 MUs to 9,447 MUs. The actual distribution losses for FY 2024-25 were decreased from 10.53% to 10.12% compared to FY 2023-24 due to internal efficiency improvement measures. The losses are expected to further reduce with implementation of following initiatives:

- Bifurcation of over-loaded 11 kV and 33 kV feeders.
- 11 kV AB cables are proposed wherever there is difficulty in maintaining minimum clearance from overhead lines in cities and towns.
- LT AB cable is proposed in theft prone areas to reduce commercial losses. High loss divisions have been selected for LT AB cable installation.
- The power factor of 33 kV feeders is being monitored daily and efforts are made for improvement of power factor.
- Further, in FY 2022-23 1 '2MVAR' capacitor bank, in FY 2023-24 87 '2MVAR' capacitor banks and 20 '1MVAR' capacitor banks, in FY 2024-25 92 '2MVAR' capacitor banks and 30 '1MVAR' capacitor banks and in FY 2025-26 up to October 2025 124 '2MVAR' capacitor banks and 39 '1MVAR' capacitor banks installation work under progress.
- New AGL services are being released in TGNPDCL only after providing necessary infrastructure i.e., LT lines, 11 kV lines and Distribution Transformers and also by ensuring fixing of 2/3 KVAR capacitor at consumer AGL pump sets.
- Special drive is also being conducted for fixing of 2/3 KVAR capacitors at AGL pump sets wherever they are not available for reactive power compensation and efficient utilisation of AGL pump sets.

- h) Energy audit is being done for all feeders on regular basis at corporate office level.
- i) Providing of additional DTRs and enhancement of capacity of DTRs in towns.
- j) Replacement and refurbishment of 33 kV, LT and 11 kV worn out breakers.
- k) Renovation of DTR earthing and load balancing of DTRs.
- l) Replacement of defective and providing new AB switches.

## 2.3 SALES FORECAST

- 2.3.1 TGDISCOMs have adopted 'trend method' for projecting the category-wise sales of FY 2026-27 by applying category-wise CAGR over the actual sales of FY 2024-25. For few categories where historical CAGR was very erratic, manual growth rate was applied. Additionally, TGNPDCL has arrived at agricultural sales for FY 2026-27 by considering the connected agricultural load & new service connections and additional loads for LT-IX under PM E-Drive Scheme.
- 2.3.2 The actual sales for FY 2023-24 and projected sales for FY 2024-25 and FY 2025-26 are presented in table below.

**Table 2-3: Category-wise sales (in MUs) claimed by TGDISCOMs**

| Consumer Category/ Sales Forecast (MUs) |                         | TGSPDCL            |                      | TGNPDCL            |                      |
|-----------------------------------------|-------------------------|--------------------|----------------------|--------------------|----------------------|
|                                         |                         | FY 2024-25 Actuals | FY 2026-27 Projected | FY 2024-25 Actuals | FY 2026-27 Projected |
| <b>LT Category</b>                      |                         |                    |                      |                    |                      |
| LT-I                                    | Domestic                | 11,660.20          | 13,523.36            | 4,539              | 5,294                |
| LT-II                                   | Non-Domestic/Commercial | 3,787.53           | 4,662.18             | 1,026              | 1,180                |
| LT-III                                  | Industrial              | 986.70             | 1,044.81             | 242                | 252                  |
| LT-IV                                   | Cottage Industries      | 9.00               | 9.37                 | 8.19               | 9.03                 |
| LT-V                                    | Agricultural            | 15,209.04          | 15,428.12            | 9,493              | 11,962               |
| LT-VI                                   | Street Lighting & PWS   | 496.33             | 496.33               | 374                | 405                  |
| LT-VII                                  | General Purpose         | 102.11             | 118.38               | 72                 | 95                   |
| LT-VIII                                 | Temporary Supply        | 139.98             | 213.18               | 15.26              | 17.72                |
| LT-IX                                   | EV Charging Stations    | 5.88               | 108.05               | 0.25               | 33.03                |
| <b>Sub-total (LT)</b>                   |                         | <b>32,396.78</b>   | <b>35,603.78</b>     | <b>15,771</b>      | <b>19,248</b>        |
| <b>HT Category at 11 kV</b>             |                         |                    |                      |                    |                      |
| HT-I(A)                                 | Industry                | 4,331.55           | 4,850.74             | 1,111              | 1,217                |
| HT-I(A)                                 | HMWSSB                  | 44.92              | 49.21                | 0                  | 0                    |
| HT-I(B)                                 | Ferro Alloys            | 0.89               | 1.99                 | 0                  | 0                    |
| HT-II(A)                                | Others (Commercial)     | 2,248.01           | 2,737.18             | 236                | 297                  |
| HT-II(B)                                | Wholly Religious Places | 0.39               | 0.51                 | 0.35               | 0.38                 |



| Consumer Category/ Sales Forecast (MUs) |                                             | TGSPDCL            |                      | TGNPDCL            |                      |
|-----------------------------------------|---------------------------------------------|--------------------|----------------------|--------------------|----------------------|
|                                         |                                             | FY 2024-25 Actuals | FY 2026-27 Projected | FY 2024-25 Actuals | FY 2026-27 Projected |
| HT-III                                  | Airports, Bus Stations and Railway Stations | 5.48               | 7.74                 | 8.1                | 8.3                  |
| HT-IV(A)                                | Irrigation & Agriculture                    | 38.88              | 47.05                | 28                 | 29                   |
| HT-IV(B)                                | CPWS Schemes                                | 131.43             | 139.00               | 159                | 169                  |
| HT-V(A)                                 | Railway Traction                            | 0.00               | 0.00                 | 0                  | 0                    |
| HT-V(B)                                 | HMR                                         | 0.00               | 0.00                 | 0                  | 0                    |
| HT-VI                                   | Townships and Residential Colonies          | 264.11             | 383.02               | 9                  | 10                   |
| HT-VII                                  | Temporary Supply                            | 229.48             | 357.25               | 14                 | 14                   |
| HT-VIII                                 | RESCOs                                      | 0.00               | 0.00                 | 1,118              | 1,545                |
| HT-IX                                   | EV Charging Stations                        | 25.55              | 60.97                | 0                  | 0                    |
| <b>Sub-total</b>                        |                                             | <b>7,320.69</b>    | <b>8,634.66</b>      | <b>2,683</b>       | <b>3,288</b>         |
| <b>HT Category at 33 kV</b>             |                                             |                    |                      |                    |                      |
| HT-I(A)                                 | Industry                                    | 6,347.17           | 7,786.84             | 240                | 279                  |
| HT-I(A)                                 | HMWSSB                                      | 60.37              | 62.21                | 0                  | 0                    |
| HT-I(B)                                 | Ferro Alloys                                | 2.83               | 0.00                 | 23                 | 39                   |
| HT-II(A)                                | Others (Commercial)                         | 1,498.7            | 1,935.47             | 15                 | 16                   |
| HT-II(B)                                | Wholly Religious Places                     | 4.49               | 4.95                 | 0                  | 0                    |
| HT-III                                  | Airports, Bus Stations and Railway Stations | 0.00               | 0.00                 | 0                  | 0                    |
| HT-IV(A)                                | Irrigation & Agriculture                    | 47.65              | 57.65                | 33                 | 34                   |
| HT-IV(B)                                | CPWS Schemes                                | 259.95             | 288.33               | 368                | 391                  |
| HT-V(A)                                 | Railway Traction                            | 0.00               | 0.00                 | 0                  | 0                    |
| HT-V(B)                                 | HMR                                         | 0.00               | 0.00                 | 0                  | 0                    |
| HT-VI                                   | Townships and Residential Colonies          | 168.69             | 204.11               | 40                 | 44                   |
| HT-VII                                  | Temporary Supply                            | 32.91              | 33.10                | 7.8                | 8.1                  |
| HT-VIII                                 | RESCOs                                      | 0.00               | 0.00                 | 0                  | 0                    |
| HT-IX                                   | EV Charging Stations                        | 6.41               | 6.01                 | 8                  | 52                   |
| <b>Sub-total</b>                        |                                             | <b>8,429.17</b>    | <b>10,378.67</b>     | <b>734</b>         | <b>862</b>           |
| <b>HT Category at 132 kV</b>            |                                             |                    |                      |                    |                      |
| HT-I(A)                                 | Industry                                    | 3,380.86           | 4,984.80             | 643                | 669                  |
| HT-I(A)                                 | HMWSSB                                      | 1,170.84           | 1,218.14             | 0                  | 0                    |
| HT-I(B)                                 | Ferro Alloys                                | 91.49              | 0.00                 | 0                  | 0                    |
| HT-II(A)                                | Others (Commercial)                         | 216.01             | 521.79               | 6                  | 7                    |
| HT-II(B)                                | Wholly Religious Places                     | 0.00               | 0.00                 | 0                  | 0                    |
| HT-III                                  | Airports, Bus Stations and Railway Stations | 109.52             | 181.92               | 0                  | 0                    |
| HT-IV(A)                                | Irrigation & Agriculture                    | 2,117.14           | 2,334.15             | 1,483              | 1,543                |
| HT-IV(B)                                | CPWS                                        | 285.21             | 314.44               | 29                 | 31                   |
| HT-V(A)                                 | Railway Traction                            | 544.47             | 671.72               | 627                | 655                  |
| HT-V(B)                                 | HMR                                         | 121.19             | 126.09               | 0                  |                      |

| Consumer Category/ Sales Forecast (MUs) |                                    | TGSPDCL            |                      | TGNPDCL            |                      |
|-----------------------------------------|------------------------------------|--------------------|----------------------|--------------------|----------------------|
|                                         |                                    | FY 2024-25 Actuals | FY 2026-27 Projected | FY 2024-25 Actuals | FY 2026-27 Projected |
| HT-VI                                   | Townships and Residential Colonies | 0.00               | 0.00                 | 66                 | 66                   |
| HT-VII                                  | Temporary Supply                   | 0.00               | 0.00                 | 0                  | 0                    |
| HT-VIII                                 | RESCOs                             | 0.00               | 0.00                 | 0                  | 0                    |
| HT-IX                                   | EV Charging Stations               | 0.00               | 1.27                 | 0                  | 0                    |
| <i>Sub-total</i>                        |                                    | <i>8,036.73</i>    | <i>9,136.17</i>      | <i>2,855</i>       | <i>2,972</i>         |
| <i>Sub-total (LT)</i>                   |                                    | <i>32,396.78</i>   | <i>35,603.78</i>     | <i>15,771</i>      | <i>19,248</i>        |
| <i>Sub-total (HT)</i>                   |                                    | <i>23,786.60</i>   | <i>28,149.51</i>     | <i>6,271.98</i>    | <i>7,122.71</i>      |
| <i>Grand Total</i>                      |                                    | <i>56,183.37</i>   | <i>63,753.28</i>     | <i>22,042.77</i>   | <i>26,370.77</i>     |

## 2.4 POWER PURCHASE REQUIREMENT

2.4.1 TGDISCOMs submitted that the loss trajectory for the DISCOMs, approved by the Commission, in the ARR of Retail Supply Business Order for 5<sup>th</sup> CP was considered for projection of energy input for FY 2026-27.

**Table 2-4: TGDISCOMs Losses (%) considered for projection of energy input**

| Losses (%) | TGSPDCL    |            | TGNPDCL    |            |
|------------|------------|------------|------------|------------|
|            | FY 2025-26 | FY 2026-27 | FY 2025-26 | FY 2026-27 |
|            | Approved   | Projected  | Approved   | Projected  |
| LT         | 4.65       | 4.60       | 4.65       | 4.60       |
| 11 kV      | 4.04       | 4.01       | 3.71       | 3.68       |
| 33 kV      | 3.16       | 3.14       | 2.97       | 2.95       |

2.4.2 Similarly, transmission losses as approved by the Commission in the ARR of Retail Supply Business Order for 5<sup>th</sup> CP are considered for Projection of energy input for the FY 2026-27.

**Table 2-5: Intra-State Losses (%) considered for projection of energy input**

| Losses (%)   | FY 2025-26 | FY 2026-27 |
|--------------|------------|------------|
|              | Approved   | Projected  |
| Transco Loss | 2.46       | 2.44       |

2.4.3 The actual losses external to the TGTRANSCO system viz. PGCIL/ Inter-state losses at 3.67% have been taken considering the average losses for the FY 2024-25.

2.4.4 TGDISCOMs projections of energy requirement for FY 2026-27 duly considering the approved losses and projected sales is as below:

**Table 2-6: Energy Requirement (in MUs) claimed by TGDISCOMs**

| Particulars                                       | Units     | FY 2026-27<br>(Projections) |               |
|---------------------------------------------------|-----------|-----------------------------|---------------|
|                                                   |           | TGSPDCL                     | TGNPDCL       |
| LT sales                                          | MU        | 35,604                      | 19,248        |
| Annual LT loss                                    | %         | 4.60%                       | 4.60%         |
| LT losses                                         | MU        | 1,717                       | 928           |
| <i>Energy Requirement at LT level</i>             | <i>MU</i> | <i>37,321</i>               | <i>20,176</i> |
| 11 kV sales                                       | MU        | 8,635                       | 3,288         |
| Annual 11 kV loss                                 | %         | 4.01%                       | 3.68%         |
| 11 kV losses                                      | MU        | 1,920                       | 896           |
| <i>Energy Requirement at 11 kV level</i>          | <i>MU</i> | <i>47,875</i>               | <i>24,361</i> |
| 33 kV sales                                       | MU        | 10,379                      | 862           |
| Annual 33 kV loss                                 | %         | 3.14%                       | 2.95%         |
| 33 kV losses                                      | MU        | 1,888                       | 767           |
| <i>Energy Requirement at 33 kV level</i>          | <i>MU</i> | <i>60,142</i>               | <i>25,990</i> |
| 132 kV sales                                      | MU        | 9,136                       | 2,972         |
| <i>Energy Requirement at 132 kV level</i>         | <i>MU</i> | <i>69,278</i>               | <i>28,962</i> |
| Cumulative Distribution losses                    | MU        | 5,525                       | 2,591         |
| Cumulative Distribution losses (incl. EHT sales)  | %         | 7.98%                       | 8.95%         |
| Intra-state Transmission losses                   | MU        | 1,733                       | 724           |
| Intra-state Transmission losses                   | %         | 2.44%                       | 2.44%         |
| Inter-state Transmission losses                   | MU        | 905                         | 379           |
| Inter-state Transmission losses                   | %         | 3.67%                       | 3.67%         |
| Cumulative Transmission losses- TGTRANSCO & PGCIL | MU        | 2,637                       | 1,103         |
| <i>Total Energy Requirement</i>                   | <i>MU</i> | <i>71,916</i>               | <i>30,065</i> |
| Total T&D losses                                  | MU        | 8,162                       | 3,695         |
| Total T&D losses                                  | %         | 11.3%                       | 12.3%         |
| <b>Total Sales</b>                                | <b>MU</b> | <b>63,753</b>               | <b>26,371</b> |
| <b>Total Energy Requirement</b>                   | <b>MU</b> | <b>71,916</b>               | <b>30,065</b> |

2.4.5 TGDISCOMs submitted that the demand for FY 2026-27 was projected based on the block-wise demand data obtained from SLDC for FY 2024-25 and that the demand data for FY 2026-27 was projected at hour-level based energy requirement (based on sales grossed up by losses) as computed in the table above.

2.4.6 For FY 2024-25, TGDISCOMs have submitted the actual power purchase quantum & costs and for FY 2025-26 the power purchase quantum & cost as approved by the Commission in Tariff Order for FY 2025-26. For FY 2026-27, TGDISCOMs have submitted power purchase quantum & cost after taking into account all the available generation sources against the projected energy requirement for estimating the energy balance (deficit or surplus).



2.4.7 TGDISCOMs have considered the actual power purchase quantum & cost for FY 2024-25 and the approved power purchase quantum & cost for FY 2025-26. For FY 2026-27, TGDISCOMs have taken certain assumptions for arriving at the energy availability, station-wise power purchase rates and overall energy expected to be procured based on the Merit Order Dispatch principle.

2.4.8 With the implementation of Multi-Buyer Model (MBM) in the state from 09.06.2005, each DISCOM has been allocated a certain share of the generating stations contracted by TS&AP TRANSCO. After bifurcation of the state, the share from the generating station to TGDISCOMs is allocated as per G.O.Ms.No.20 dated 08.05.2014.

| Sl. No | Name of the Distribution Company | Allocation percentage |
|--------|----------------------------------|-----------------------|
| 1      | TGSPDCL                          | 38.02                 |
| 2      | TGNPDCL                          | 15.87                 |
| 3      | APEPDCL                          | 15.80                 |
| 4      | APSPDCL                          | 30.31                 |

2.4.9 From 11.06.2017 onwards, the share of TGGENCO to the TGDISCOMs has been changed to 70.55% to TGSPDCL and 29.45% to TGNPDCL. Intra-state solar and other NCE sources have been allocated to the TGDISCOMs based on their geographical areas and all other sources as per the allocated percentages.

## 2.5 INSTALLED CAPACITIES OF GENERATING STATIONS

### *Thermal & Hydel Energy: TGGENCO*

2.5.1 The installed capacities of the thermal and hydel generating stations of TGGENCO for FY 2026-27 including the share of inter-state projects are shown below:

**Table 2-7: Installed Capacities (MW) with TGGENCO claimed by TGDISCOMs**

| Name of the Station     | Project Installed Capacity | TG Share Capacity (MW) |
|-------------------------|----------------------------|------------------------|
| <b>Thermal</b>          |                            |                        |
| Kothagudem- V           | 500                        | 500                    |
| Kothagudem- VI          | 500                        | 500                    |
| Kakatiya TPP- I         | 500                        | 500                    |
| Kakatiya TPP- II        | 600                        | 600                    |
| Kothagudem- VII         | 800                        | 800                    |
| BTPS (I to IV)          | 1,080                      | 1,080                  |
| YTPS                    | 4,000                      | 4,000                  |
| <b>Total Thermal</b>    | <b>7,980</b>               | <b>7,980</b>           |
| <b>Hydel</b>            |                            |                        |
| Priyadarshini Jurala*   | 234                        | 117                    |
| Srisaillam left bank PH | 900                        | 900                    |
| Nagarjunsagar           | 816                        | 816                    |

| Name of the Station         | Project Installed Capacity | TG Share Capacity (MW) |
|-----------------------------|----------------------------|------------------------|
| Nagarjunsagar left canal PH | 60                         | 60                     |
| Nizamsagar                  | 10                         | 10                     |
| Pochampadu I                | 27                         | 27                     |
| Peddapalli (Mini hydro)     | 9.16                       | 9.16                   |
| Palair                      | 2                          | 2                      |
| Pochampadu Stage-II         | 9                          | 9                      |
| Singur                      | 15                         | 15                     |
| Lower Jurala                | 240                        | 240                    |
| Pulichintala                | 120                        | 120                    |
| <b>Total Hydel</b>          | <b>2,442</b>               | <b>2,325</b>           |
| <b>Total</b>                | <b>10,422</b>              | <b>10,305</b>          |

### Central Generating Stations (CGS)

2.5.2 TGDISCOMs have Power Purchase Agreements with various Central Generating Stations viz. Thermal Power Plants, Nuclear Power Plants, for which the installed capacities and allocation to Telangana for FY 2026-27 are as under:

**Table 2-8: Share of Telangana in CGS (MW) claimed by TGDISCOMs**

| Name of the Station                 | Capacity (MW) | TG Share |                 |
|-------------------------------------|---------------|----------|-----------------|
|                                     |               | %        | MW              |
| NTPC (SR) Ramagundam- I & II        | 2,100         | 15.87    | 333.27          |
| NTPC (SR) Ramagundam- III           | 500           | 16.84    | 84.20           |
| NTPC Talcher- II                    | 2,000         | 10.50    | 210.00          |
| NTPC Simhadri Stage- I              | 1,000         | 53.89    | 538.90          |
| NTPC Simhadri Stage- II             | 1,000         | 25.23    | 252.30          |
| NTPC Kudigi- I, II & III            | 2,400         | 9.75     | 234.00          |
| NLC TS II Stage- I                  | 630           | 0.73     | 4.59            |
| NLC TS II Stage- II                 | 840           | 0.70     | 5.88            |
| NLC Ext                             | 920           | 1.05     | 9.64            |
| NNTPS                               | 1,000         | 6.62     | 66.17           |
| Telangana STPP Phase I              | 1,600         | 85.52    | 1,368.32        |
| Vallur TPP (NTECL- Vallur)          | 1,500         | 6.95     | 104.25          |
| NLC-Tamil Nadu Power Ltd-Tuticorin  | 1,000         | 14.55    | 145.50          |
| NPC- MAPS                           | 440           | 4.94     | 21.74           |
| NPC- Kaiga                          | 880           | 15.62    | 137.46          |
| NPC Kudamkulam                      | 2,000         | 2.68     | 53.50           |
| Kudamkulam (KKNPP) Unit- II         | 0             | 0.00     | 0.00            |
| Bundled Power under JNNSM Phase-1** | 85            | 53.89    | 45.81           |
| NTPC Bundled Power***               | 200           | 100.00   | 200.00          |
| <b>Total</b>                        | <b>20,095</b> |          | <b>3,815.53</b> |

\*\* Bundled power (coal) has been considered from JNNSM Phase 1 scheme (45.81 MW) for TS which is allocated to TGDISCOMs on 70.55% (TGSPDCL) and 29.45% (TGNPDCL).

\*\*\* Bundled power (coal) has been considered from JNNSM Phase II, NTPC Bundled Power scheme up to 200MW.

### ***Non-Conventional Energy Sources (NCES)***

2.5.3 The installed capacities of NCE projects in the state for FY 2026-27 are as under:

**Table 2-9: Installed Capacities (MW) of NCE projects claimed by TGDISCOMs**

| Type of NCE Project                          | Capacity Projected (MW) |
|----------------------------------------------|-------------------------|
| NCE- Biomass                                 | 6                       |
| NCE- Bagasse                                 | 61.7                    |
| NCE- Municipal Waste to Energy               | 58.3                    |
| NCE- Industrial Waste based power project    | 15                      |
| NCE- Wind Power                              | 128.1                   |
| NCE- Mini Hydel                              | 2.52                    |
| NTPC CPSU Phase-II Tr- I & II (1,692 MW)     | 1,692                   |
| NTPC CPSU Phase-II Tr- III (735 MW)          | 1,745                   |
| SECI 400 MW                                  | 400                     |
| SECI 1,000 MW                                | 1,000                   |
| NTPC Bundled Scheme under JNNSM Ph-I         | 56                      |
| NTPC Bundled Scheme under JNNSM Ph-II 400 MW | 400                     |
| NCE- Solar                                   | 2,838                   |
| PM KUSUM and PM Suryaghar                    | 548                     |
| <b>Total</b>                                 | <b>8,951</b>            |

#### ***Singareni Thermal Power Project (STPP)***

2.5.4 TGDISCOMs signed PPA with Singareni Collieries Company Limited in respect of 2\*600 MW Thermal Power Project, Stage-I for procurement of 100% power from STPP.

#### ***Sembcorp Energy India Limited (SEIL)***

2.5.5 TGDISCOMs signed PPA with Sembcorp Energy India Limited (SEIL), erstwhile Thermal Power Tech Corporation India Limited (TPCIL) for a contracted capacity of 500 MW (Unit-I) under long-term basis, through Case-I bidding route, for a period of 25 years. Consequent to bifurcation of the state, TGDISCOMs have a share of 53.89% i.e., 269.45 MW. SEIL (unit-I) has been supplying this power w.e.f. 20.04.2015.

#### ***Bilateral / Inter-state purchases***

2.5.6 Based on the projected energy deficit in FY 2026-27 across time blocks, TGDISCOMs shall procure from short-term market on a need-to-need basis. Short-term market purchase during slots when market purchase price is less than the variable costs of generators in order to optimise the power purchase cost has also been considered in the estimation of market purchase quantum and cost.



## 2.6 ENERGY AVAILABILITY

### *Thermal Energy: TGGENCO*

- 2.6.1 For the completed years of FY 2024-25, TGDISCOMs have considered the energy availabilities in line with the actual energy dispatched from TGGENCO thermal stations.
- 2.6.2 For the ensuing year FY 2026-27, the availability projections were taken in accordance with the normative availabilities of the stations i.e., 85% of the capacity.
- 2.6.3 Yadadri TPS Units 1&2 are commissioned and are under dispatch. Units-3,4&5 of YTPS are expected to be commissioned before April 2026.
- 2.6.4 Based on these considerations, overall station-wise PLFs (net off auxiliary consumption and maintenance) and the corresponding net energy availability for FY 2026-27 claimed by TGDISCOMs at the state level is mentioned below:

**Table 2-10: Net Energy Availability (MUs) from TGGENCO-Thermal claimed by TGDISCOMs**

| Station Name     | FY 2024-25    | FY 2026-27 |               |
|------------------|---------------|------------|---------------|
|                  | Actuals       | Projected  |               |
|                  | MU            | PLF %      | MU            |
| Kothagudem- V    | 2,569         | 85         | 3,377         |
| Kothagudem- VI   | 2,903         | 85         | 3,528         |
| Kakatiya TPP- I  | 2,771         | 85         | 3,528         |
| Kakatiya TPP- II | 3,262         | 85         | 4,233         |
| Ramagundam- B    | 16            | -          | -             |
| Kothagudem- VII  | 5,289         | 85         | 5,644         |
| BTPS             | 4,801         | 85         | 7,358         |
| Yadadri TPS      | 411           | 85         | 28,220        |
| <b>Total</b>     | <b>22,022</b> |            | <b>55,887</b> |

### *Hydel Energy: TGGENCO and Inter-state*

- 2.6.5 TGDISCOMs have projected the availability of hydel energy considering 100% share of power from the hydel projects in the state of Telangana majority of which serve as multi-purpose projects having primary importance for meeting irrigation needs and generation of power is subject to meeting the irrigation needs.
- 2.6.6 For the completed year of FY 2024-25, TGDISCOMs have considered the energy availabilities in line with the actual energy dispatched from TGGENCO hydel stations.
- 2.6.7 For the ensuing year FY 2026-27, availability projections were made taking the average of Hydel dispatch in the last 7 years.

2.6.8 Based on above considerations, the overall net energy availability for FY 2024-25 and FY 2026-27 claimed by TGDISCOMs at the state level is mentioned below:

**Table 2-11: Net Energy Availability (MUs) from TGGENCO-Hydel claimed by TGDISCOMs**

| Name of the station         | FY 2024-25   | FY 2026-27   |
|-----------------------------|--------------|--------------|
|                             | Actual       | Projected    |
|                             | MU           | MU           |
| <b>Inter-state projects</b> |              |              |
| Priyadarshini Jurala*       |              | 193          |
| <b>State projects</b>       |              |              |
| Nagarjunsagar Complex       |              | 1,442        |
| SLBHES                      | 5,047        | 1,481        |
| LJHES                       |              | 395          |
| PCHES- Pulichintala         |              | 198          |
| Pochampadu                  |              | 59           |
| Small Hydel                 |              | 41           |
| Mini Hydel                  |              | 18           |
| <b>Total</b>                | <b>5,047</b> | <b>3,827</b> |

\* An MoU, on the Priyadarshini Jurala project, was entered between Telangana and Karnataka with an energy sharing ratio of 50:50.

### **Central Generating Stations (CGS)**

2.6.9 For the completed years of FY 2024-25, TGDISCOMs have considered the energy availabilities in line with the actual energy dispatched from central generating stations.

2.6.10 For the ensuing year FY 2026-27, availability projections were taken at a PLF of 85% of the respective stations.

2.6.11 Based on above considerations, the overall station-wise PLFs (net off auxiliary consumption and maintenance) and the corresponding net energy availability based on the respective CGS allocated share for FY 2024-25 and FY 2026-27 at the state level as claimed by TGDISCOMs is mentioned below:

**Table 2-12: Net Energy Availability (MUs) from CGS claimed by TGDISCOMs**

| Name of the station          | FY 2024-25 | FY 2026-27 |       |
|------------------------------|------------|------------|-------|
|                              | Actuals    | Approved   |       |
|                              | MU         | PLF %      | MU    |
| NTPC (SR) Ramagundam- I & II | 1,432      | 85         | 2,316 |
| NTPC (SR) Ramagundam- III    | 354        | 85         | 591   |
| NTPC Talcher- II             | 1,488      | 85         | 1,474 |
| NTPC Simhadri Stage- I       | 3,046      | 85         | 3,802 |
| NTPC Simhadri Stage- II      | 1,576      | 85         | 1,780 |
| NTPC Kudigi- I, II & III     | 619        | 85         | 1,642 |
| NLC TS II Stage- I           | 15         | 85         | 30    |
| NLC TS II Stage- II          | 20         | 85         | 40    |
| NLC Ext I                    | 30         | 85         | 30    |

| Name of the station                | FY 2024-25    | FY 2026-27 |               |
|------------------------------------|---------------|------------|---------------|
|                                    | Actuals       | Approved   |               |
|                                    | MU            | PLF %      | MU            |
| NLC Ext II                         | 9             | 85         | 34            |
| NNTPS                              | 395           | 85         | 464           |
| Telangana STPP Phase I             | 7,143         | 85         | 9,603         |
| Vallur TPP (NTECL- Vallur)         | 587           | 85         | 732           |
| NLC-Tamil Nadu Power Ltd-Tuticorin | 695           | 85         | 1,027         |
| NPC- MAPS                          | 63            | -          | 121           |
| NPC- Kaiga                         | 1,039         | -          | 765           |
| NPC Kudamkulam                     | 373           | -          | 298           |
| Bundled Power under JNNSM Phase-I  | 239           | -          | 320           |
| NTPC Bundled Power (200MW)         | 1,435         | -          | 1,390         |
| <b>Total</b>                       | <b>20,555</b> |            | <b>26,458</b> |

### *Non-Conventional Energy Sources (NCES)*

2.6.12 For the completed years of FY 2024-25, TGDISCOMs have considered the energy availabilities in line with the actual energy dispatched from Non-Conventional Energy sources. For FY 2024-25, the actual energy availability from NCEs was 11,751 MU. For FY 2026-27, it is projected at 16,526 MUs.

2.6.13 Based on above considerations, the DISCOM-wise energy availabilities for FY 2026-27 from various NCE sources claimed by TGDISCOMs is mentioned below:

**Table 2-13: Net Energy Availability (MUs) from NCE Sources claimed by TGDISCOMs**

| Type of NCE Project                         | FY 2026-27    |              |               |
|---------------------------------------------|---------------|--------------|---------------|
|                                             | TGSPDCL       | TGNPDCL      | State         |
| NCE- Biomass                                | 0.23          | 0.00         | -             |
| NCE- Bagasse                                | 0.00          | 0.00         | -             |
| NCE- Municipal Waste to Energy              | 257.36        | 0.00         | 257           |
| NCE- Industrial Waste based power project   | 37.71         | 37.71        | 75            |
| NCE- Wind Power                             | 283.14        | 0.00         | 283           |
| NCE- Mini Hydel                             | 0.08          | 0.29         | 0.37          |
| NCE- Solar                                  | 3,776.88      | 1,687.69     | 5,465         |
| NTPC CPSU Phase-II Tr- I & II (1,692 MW)    | 2,298.21      | 959.35       | 3,258         |
| NTPC CPSU Phase-II Tr- III (735 MW)         | 2,370.20      | 989.40       | 3,360         |
| SECI 400 MW                                 | 543.31        | 226.80       | 770           |
| SECI 1,000 MW                               | 1,358.28      | 566.99       | 1,925         |
| NTPC Bundled Scheme under JNNSM Ph-I        | 75.81         | 31.64        | 107           |
| NTPC Bundled Scheme under JNNSM Ph-I 400 MW | 543.31        | 226.80       | 770           |
| Additional RE procured                      | 137.87        | 117.01       | 255           |
| <b>Total</b>                                | <b>11,682</b> | <b>4,844</b> | <b>16,526</b> |

\*Solar capacity additions through PM-KUSUM & PM-Suryaghar are considered only from FY 2026-27 (Q4) and corresponding Energy Availability is considered.

### *Sembcorp Energy India Limited (SEIL)*

2.6.14 For the completed years of FY 2024-25, TGDISCOMs have considered the energy



availabilities in line with the actual energy dispatched from SEIL stations. For the ensuing year FY 2026-27, availability projections were taken at a PLF of 85%.

- 2.6.15 Based on above considerations, the overall station-wise PLFs and the corresponding net energy availability for FY 2024-25 and FY 2026-27 at the state level as claimed by TGDISCOMs is mentioned below:

**Table 2-14: Net Energy Availability (MUs) from SEIL claimed by TGDISCOMs**

| Name of the station | FY 2024-25   |            | FY 2026-27   |  |
|---------------------|--------------|------------|--------------|--|
|                     | Actual       |            | Projected    |  |
|                     | MU           | PLF %      | MU           |  |
| SEIL- I             | 1,993        | 85%        | 1,886        |  |
| SEIL- II            | -            | -          | -            |  |
| <b>Total</b>        | <b>1,993</b> | <b>85%</b> | <b>1,886</b> |  |

### ***Singareni Thermal Power Project (STPP)***

- 2.6.16 For the completed years of FY 2024-25, TGDISCOMs have considered the energy availabilities in line with the actual energy dispatched from Singareni thermal stations.
- 2.6.17 For the ensuing year FY 2026-27, availability projections were taken in accordance with the normative availabilities of the stations *i.e.*, 85% of capacity.
- 2.6.18 Based on the above considerations, the overall station-wise PLFs (net off auxiliary consumption and maintenance) and the corresponding net energy availability for FY 2026-27 at the state level claimed by TGDISCOMs is mentioned below:

**Table 2-15: Net Energy Availability (MUs) from STTP claimed by TGDISCOMs**

| Name of the station | FY 2024-25 |       | FY 2026-27 |  |
|---------------------|------------|-------|------------|--|
|                     | Actuals    |       | Projected  |  |
|                     | MU         | PLF % | MU         |  |
| Singareni TPP       | 7,501      | 85%   | 8,421      |  |

### ***Short-term Power (RTC)***

- 2.6.19 For the completed years of FY 2024-25, TGDISCOMs have considered the energy purchases of 20,870 MUs for FY 2024-25 in line with the actual short-term energy purchases. Further, TGDISCOMs have proposed to purchase power from short-terms sources on a need-to-need basis.

## **2.7 SUMMARY**

- 2.7.1 A summary of the source-wise projections for the net energy availability for FY 2024-25 and FY 2026-27 for the state as claimed by TGDISCOMs is mentioned below:

**Table 2-16: Summary of Net Energy Availability (MUs) claimed by TGDISCOMs**

| Generating Station          | FY 2024-25    | FY 2026-27      |
|-----------------------------|---------------|-----------------|
|                             | Actual        | Projected       |
| Thermal - TGGENCO           | 22,022        | 55,887          |
| Hydel- TGGENCO              | 5,047         | 3,827           |
| Central Generating Stations | 20,555        | 26,458          |
| NCES                        | 11,751        | 16,526          |
| SEIL                        | 1,993         | 1,886           |
| STPP                        | 7,501         | 8,421           |
| <b>Total</b>                | <b>68,868</b> | <b>1,13,006</b> |

## 2.8 FIXED AND VARIABLE COSTS FOR TGGENCO

### *Fixed Costs for TGGENCO: Thermal and Hydel*

- 2.8.1 For the ensuing year FY 2026-27, fixed costs for TGGENCO Thermal Stations have been considered as per the projected figures from TGGENCO. In case of TGGENCO Hydel Stations, a 3% escalation on the fixed costs incurred on full year projections of FY 2025-26 based on actual fixed cost of first half (Apr-25 to Sep-25) of FY 2025-26.
- 2.8.2 The total fixed costs considered for TGGENCO- Thermal and Hydel stations for FY 2024-25 to FY 2026-27 at the State level claimed by TGDISCOMs is mentioned below:

**Table 2-17: Total Fixed Costs (in Rs. Crores) claimed by TGDISCOMs for TGGENCO**

| Name of the station      | FY 2024-25   | FY 2025-26      | FY 2026-27    |
|--------------------------|--------------|-----------------|---------------|
|                          | Actual       | Approved        | Projected     |
| <b>Thermal</b>           |              |                 |               |
| Kothagudem- V            | 317          | 380.62          | 513           |
| Kothagudem- VI           | 391          | 442.36          | 516           |
| Kakatiya TPP- I          | 379          | 439.53          | 449           |
| Kakatiya TPP- II         | 550          | 670.48          | 779           |
| Ramagundam- B            | 5            | 0               | 0             |
| Kothagudem- VII          | 1,206        | 1,300.22        | 1,311         |
| BTPS                     | 953          | 1,432.50        | 1,713         |
| YTPS                     | 55           | 4,090.47        | 6,735         |
| <b>Total Thermal</b>     | <b>3,855</b> | <b>8,756.18</b> | <b>12,017</b> |
| <b>Hydel</b>             |              |                 |               |
| <i>State Projects</i>    |              |                 |               |
| Srisaillam left bank PH  |              | 380.50          | 444.3         |
| Nagarjunsagar            |              | 316.33          | 402.6         |
| Nagarjunsagar left canal |              |                 |               |
| Nizamsagar               |              |                 |               |
| Pochampadu               |              |                 |               |
| Palair                   |              |                 |               |
| Singur                   |              |                 |               |
| Peddapalli (Mini hydro)  |              | 10.79           | 4.5           |
| Pochampadu Stage- I      |              | 10.20           | 8.9           |
| Priyadarshini Jurala     |              | 261.69          | 176.2         |
|                          | 1,029        | 52.74           | 51.8          |

| Name of the station            | FY 2024-25   | FY 2025-26      | FY 2026-27      |
|--------------------------------|--------------|-----------------|-----------------|
|                                | Actual       | Approved        | Projected       |
| Lower Jurala                   |              |                 |                 |
| Pulichintala                   |              | 93.67           | 59.2            |
| <b>Total Hydel</b>             | <b>1,029</b> | <b>1,125.92</b> | <b>1,147.5</b>  |
| <b>Total Thermal and Hydel</b> | <b>4,884</b> | <b>9,882.10</b> | <b>13,164.5</b> |

### **Variable Costs for TGGENCO: Thermal**

2.8.3 For the ensuing year FY 2026-27, TGDISCOMs considered variable costs as per the projections from TGGENCO.

2.8.4 The station-wise variable cost rates considered for TGGENCO thermal stations for FY 2024-25 to FY 2026-27 claimed by TGDISCOMs is mentioned below:

**Table 2-18: Total Variable Costs (in Rs/kWh) claimed by TGDISCOMs for TGGENCO**

| Name of the station | FY 2024-25 | FY 2025-26 | FY 2026-27 |
|---------------------|------------|------------|------------|
|                     | Actual     | Approved   | Projected  |
| Kothagudem- V       | 4.28       | 4.19       | 3.74       |
| Kothagudem- VI      | 4.29       | 3.74       | 3.85       |
| Kakatiya TPP- I     | 3.77       | 3.37       | 2.92       |
| Kakatiya TPP- II    | 3.70       | 3.16       | 2.74       |
| Ramagundam- B       | 4.99       | 0          | 0          |
| Kothagudem- VII     | 3.61       | 3.62       | 3.43       |
| BTPS                | 3.77       | 3.34       | 3.68       |
| YTPS                | 6.96       | 3.43       | 3.34       |

## **2.9 ADDITIONAL PENSION LIABILITY**

2.9.1 For the completed year FY 2024-25, TGDISCOMs have considered actual costs paid to the TGGENCO – Thermal stations.

2.9.2 For the current year FY 2025-26 and ensuing year FY 2026-27, TGDISCOMs have considered the approved amounts as per TGGENCO MYT order dated 28.10.2024.

2.9.3 The total additional pension liability payable to TGGENCO for FY 2024-25 to FY 2026-27 claimed by TGDISCOMs is mentioned below:

**Table 2-19: Additional Pension Liability (in Rs. Crores) claimed by TGDISCOMs for TGGENCO**

| Details                              | FY 2024-25 | FY 2025-26 | FY 2026-27 |
|--------------------------------------|------------|------------|------------|
|                                      | Actual     | Approved   | Projected  |
| TGGENCO Additional Pension Liability | 1,285      | 1,523.11   | 1,650.90   |

## **2.10 FIXED AND VARIABLE COSTS FOR CENTRAL GENERATING STATIONS**

### **Fixed Costs for Central Generating Stations**

2.10.1 For the ensuing year FY 2026-27, TGDISCOMs considered a 3% escalation on the



fixed costs incurred on full year projections of FY 2025-26 based on actual fixed cost of first half (Apr-25 to Sep-25) of FY 2025-26.

2.10.2 The total fixed costs considered for Central Generating Stations for FY 2024-25 to FY 2026-27 claimed by TGDISCOMs is mentioned below:

**Table 2-20: Total Fixed Costs (in Rs. crores) claimed by TGDISCOMs for CGS**

| Name of the station                  | FY 2024-25     | FY 2025-26   | FY 2026-27   |
|--------------------------------------|----------------|--------------|--------------|
|                                      | Actual         | Approved     | Projected    |
| NTPC (SR) Ramagundam- I & II         | 190.6          | 190.9        | 186.9        |
| NTPC (SR) Ramagundam- III            | 50.8           | 52.8         | 53.1         |
| NTPC Talcher- II                     | 122.0          | 123.9        | 134.3        |
| NTPC Simhadri Stage- I               | 443.8          | 383.4        | 502.0        |
| NTPC Simhadri Stage- II              | 268.3          | 257.9        | 272.8        |
| NTPC Kudigi- I, II & III             | 314.3          | 328.9        | 331.0        |
| NLC TS II Stage- I                   | -19.2          | 3.0          | 1.3          |
| NLC TS II Stage- II                  | -33.5          | 4.16         | 2.8          |
| NLC Extn- I                          | 3.1            | 0.0          | 2.3          |
| NLC Extn- II                         | 2.6            | 0.0          | 5.1          |
| NNTPP                                | 96.6           | 83.2         | 106.4        |
| Vallur TPP (NTECL- Vallur)           | 126.6          | 81.8         | 125.6        |
| NLC Tamil Nadu Power Ltd (Tuticorin) | 451.8          | 122.5        | 189.4        |
| NCE- Bundled power (Coal) JNNSM-II   | 0.0            | 0.0          | 0.0          |
| Telangana STPP Phase I               | 1,596.8        | 2,026.8      | 1,607.3      |
| <b>CGS Thermal Total</b>             | <b>3,614.6</b> | <b>3,659</b> | <b>3,520</b> |

#### **Variable Costs for Central Generating Stations**

2.10.3 For the ensuing year FY 2026-27, TGDISCOMs considered a 5% escalation on the actual variable costs for H<sub>1</sub> (Apr-25 to Sep-25) of FY 2025-26. For Telangana STPP Phase-I, the VC projections are taken from TGPPCC considering the impact of coal cost reduction on variable cost.

2.10.4 The station-wise variable cost rates considered for Central Generating Stations for FY 2024-25 to FY 2026-27 claimed by TGDISCOMs is mentioned below:

**Table 2-21: Total Variable Costs (in Rs/kWh) claimed by TGDISCOMs for CGS**

| Name of the station          | FY 2024-25 | FY 2025-26 | FY 2026-27 |
|------------------------------|------------|------------|------------|
|                              | Actual     | Approved   | Projected  |
| NTPC (SR) Ramagundam- I & II | 4.16       | 3.84       | 4.52       |
| NTPC (SR) Ramagundam- III    | 4.03       | 3.76       | 4.45       |
| NTPC Talcher- II             | 1.75       | 1.76       | 1.81       |
| NTPC Simhadri Stage- I       | 3.86       | 3.59       | 4.14       |
| NTPC Simhadri Stage- II      | 3.78       | 3.59       | 4.06       |
| NTPC Kudigi- I, II & III     | 4.78       | 4.40       | 6.50       |
| NLC TS II Stage- I           | 32.56      | 3.33       | 8.10       |
| NLC TS II Stage- II          | 3.23       | 3.22       | 3.33       |
| NLC Ext- I                   | 2.88       | 0.00       | 3.13       |
| NLC Ext- II                  | 3.21       | 0.00       | 3.44       |

| Name of the station                | FY 2024-25 | FY 2025-26 | FY 2026-27 |
|------------------------------------|------------|------------|------------|
|                                    | Actual     | Approved   | Projected  |
| NNTPP                              | 2.75       | 2.86       | 3.00       |
| NPC- MAPS                          | 2.64       | 2.62       | 2.73       |
| NPC- Kaiga I & II                  | 3.67       | 3.55       | 3.66       |
| NPC- Kaiga III & IV                | 3.67       | 3.55       | 3.66       |
| NPC Kudankulam                     | 5.10       | 4.57       | 4.79       |
| Kudamkulam (KKNPP) Unit- II        | 0.00       | 0.00       | 0.00       |
| Vallur TPP (NTECL- Vallur)         | 4.04       | 3.90       | 4.31       |
| NLC-Tamil Nadu Power Ltd-Tuticorin | 4.27       | 5.16       | 4.40       |
| Telangana STPP Phase I             | 3.66       | 3.79       | 3.56       |
| Bundled Power under JNNSM Phase-1  | 5.28       | 4.76       | 5.00       |
| NTPC Bundled Power (200 MW)        | 4.39       | 5.17       | 4.62       |

## 2.11 VARIABLE COSTS FOR NON-CONVENTIONAL ENERGY SOURCES (NCES)

2.11.1 For the ensuing year FY 2026-27, TGDISCOMs considered the variable costs as per the actual contracted PPA tariff rates for different generators.

**Table 2-22: Variable costs (Rs/kWh) claimed by TGSPDCL for NCE sources**

| Type of NCE Project                         | FY 2025-26 | FY 2026-27 |
|---------------------------------------------|------------|------------|
|                                             | Approved   | Projected  |
| NCE- Biomass                                | 8.08       | 8.31       |
| NCE- Bagasse                                | 0.00       | 4.93       |
| NCE- Industrial Waste based power project   | 8.32       | 8.32       |
| NCE- Municipal Waste to Energy              | 6.20       | 7.43       |
| NCE- Wind Power                             | 4.27       | 4.29       |
| NCE- Mini Hydel                             | 5.19       | 2.15       |
| NCE- Solar                                  | 5.88       | 5.89       |
| NTPC Bundled Scheme under JNNSM Ph-I        | 10.40      | 10.4       |
| NTPC Bundled Scheme under JNNSM Ph-I 400 MW | 4.74       | 4.8        |
| NTPC CPSU Phase-II Tr- I & II (1,692 MW)    | 2.82       | 2.8        |
| NTPC CPSU Phase-II Tr- III (735 MW)         | 2.53       | 2.5        |
| SECI 400 MW                                 | 4.10       | 2.8        |
| SECI 1,000 MW                               | 2.44       | 2.4        |

**Table 2-23: Variable costs (Rs/kWh) claimed by TGNPDCL for NCE sources**

| Type of NCE Project                         | FY 2024-25 | FY 2025-26 | FY 2026-27 |
|---------------------------------------------|------------|------------|------------|
|                                             | Actual     | Approved   | Projected  |
| NCE- Biomass                                | 0.00       | 8.08       | 8.31       |
| NCE- Bagasse                                | 5.04       | 0.00       | 4.93       |
| NCE- Industrial Waste based power project   | 0.00       | 8.32       | 8.32       |
| NCE- Mini Hydel                             | 0.00       | 5.19       | 2.15       |
| NCE- Solar                                  | 5.91       | 5.88       | 5.89       |
| NTPC Bundled Scheme under JNNSM Ph-I        | 10.67      | 10.40      | 10.4       |
| NTPC Bundled Scheme under JNNSM Ph-I 400 MW | 4.8        | 4.74       | 4.8        |
| NTPC CPSU Phase-II Tr- I & II (1,692 MW)    | 2.72       | 2.82       | 2.8        |
| NTPC CPSU Phase-II Tr- III (735 MW)         | 2.86       | 2.53       | 2.5        |
| SECI 400 MW                                 | 2.79       | 4.10       | 2.8        |
| SECI 1,000 MW                               | 2.14       | 2.44       | 2.4        |

## 2.12 FIXED AND VARIABLE COSTS FOR SEMBCORP ENERGY INDIA LIMITED (SEIL)

- 2.12.1 For the ensuing year FY 2026-27, TGDISCOMs considered a 3% escalation on the Fixed Costs incurred on full year projections of FY 2025-26 based on actual fixed cost of first half (Apr-25 to Sep-25) of FY 2025-26.
- 2.12.2 For FY 2026-27, TGDISCOMs considered the actual variable costs of FY 2025-26 (H<sub>1</sub>) and escalated the same by 5%.
- 2.12.3 The station-wise fixed costs and variable cost rates considered for SEIL for FY 2024-25 to FY 2026-27 at the state level claimed by TGDISCOMs is mentioned below:

**Table 2-24: Fixed and variable costs claimed by TGDISCOMs for SEIL**

| Station  | Fixed Costs (Rs. Crores) |            |            | Variable Costs (Rs/kWh) |            |            |
|----------|--------------------------|------------|------------|-------------------------|------------|------------|
|          | FY 2024-25               | FY 2025-26 | FY 2026-27 | FY 2024-25              | FY 2025-26 | FY 2026-27 |
|          | Actual                   | Approved   | Projected  | Actual                  | Approved   | Projected  |
| SEIL- I  | 306                      | 314.15     | 308        | 2.84                    | 2.86       | 3.01       |
| SEIL- II | -                        | -          | -          | -                       | -          | -          |

## 2.13 FIXED AND VARIABLE COSTS FOR SINGARENI THERMAL PROJECT (STPP)

- 2.13.1 For the ensuing year FY 2026-27, TGDISCOMs considered a 3% escalation on the fixed costs incurred on full year projections of FY 2025-26 based on actual fixed cost of first half (Apr-25 to Sep-25) of FY 2025-26. The variable costs for FY 2026-27 is taken from TGPCC projections considering the impact of coal cost reduction on the variable cost.
- 2.13.2 The station-wise fixed costs and variable cost rates considered for STPP for FY 2024-25 to FY 2026-27 at the state level claimed by TGDISCOMs is mentioned below:

**Table 2-25: Fixed and variable costs claimed by TGDISCOMs for STPP**

| Station | Fixed Costs (Rs. Crores) |            |            | Variable Costs (Rs/kWh) |            |            |
|---------|--------------------------|------------|------------|-------------------------|------------|------------|
|         | FY 2024-25               | FY 2025-26 | FY 2026-27 | FY 2024-25              | FY 2025-26 | FY 2026-27 |
|         | Actual                   | Approved   | Projected  | Actual                  | Approved   | Projected  |
| STPP    | 1,370                    | 1,326.43   | 1,319      | 3.32                    | 3.46       | 3.46       |

## 2.14 BILATERAL/ INTER-STATE PURCHASES

- 2.14.1 For the ensuing year FY 2026-27, TGDISCOMs have estimated the actual energy dispatched based on the month-wise hour-wise total energy availability and energy requirement following the principles of Merit Order Dispatch.
- 2.14.2 Further, TGDISCOMs have considered the actual costs paid for short-term purchases



including bilateral purchases and trading for FY 2024-25 in the corresponding hour blocks.

2.14.3 For VC projections for FY 2026-27, TGDISCOMs considered the actual block-wise market prices to estimate the cost to be payable for short-term purchases. The TGDISCOMs proposed to buy the estimated energy deficit from the short-term markets.

2.14.4 The details of per-unit rates considered for such other short-term purchases for FY 2026-27 claimed by TGDISCOMs is mentioned below:

**Table 2-26: Variable rates (Rs/kWh) for other short-term purchases claimed by TGDISCOMs**

| Name of the station       | FY 2026-27 |           |
|---------------------------|------------|-----------|
|                           | TGSPDCL    | TGNPDCL   |
|                           | Projected  | Projected |
| Other short-term purchase | 3.43       | 3.45      |

## 2.15 D-D PURCHASES / SALES

2.15.1 TGDISCOMs submitted that they have met the net energy surplus/deficit via inter-DISCOM purchase / sale (after taking into account the short-term energy purchase / sale) based on the actual energy requirement and the energy allocation of each DISCOM.

2.15.2 For the ensuing year FY 2026-27, the D-D purchase / sale was estimated based on the respective DISCOM-wise energy requirement and energy dispatch as per MOD (after accounting for the short-term energy purchase). Further, for the cost accounting for FY 2026-27, the rate for D-D purchase / sale was considered on the basis of the Average Cost of Power purchase for the state.

2.15.3 The details of quantum of D-D purchase or sale and the corresponding costs/ revenue for FY 2026-27 claimed by TGDISCOMs is mentioned below:

**Table 2-27: Quantum of D-D purchase/(sale) and D-D costs/(revenue) claimed by TGDISCOMs**

| Station | FY 2026-27                         |          |                                    |          |
|---------|------------------------------------|----------|------------------------------------|----------|
|         | D-D purchase / (sale) quantum (MU) |          | D-D costs / (revenue) (Rs. Crores) |          |
|         | D-D Purchase                       | D-D Sale | D-D Purchase                       | D-D Sale |
| TGSPDCL | 11.21                              | -48.32   | 6.00                               | -25.85   |
| TGNPDCL | 48.32                              | -11.21   | 25.85                              | -6.00    |

## 2.16 SALE OF SURPLUS POWER

2.16.1 For the ensuing year FY 2026-27, TGDISCOMs considered sale of surplus power as shown in the next section.

## 2.17 SUMMARY OF POWER PURCHASE FOR FY 2024-25 TO FY 2026-27

2.17.1 For the completed year FY 2024-25, TGDISCOMs furnished the actual power purchase quantum and costs incurred.

2.17.2 For the current year FY 2025-26, TGDISCOMs submitted the power purchase quantum and costs as per the approved power procurement in the ARR of Retail Supply Business order dated 29.04.2025.

2.17.3 For the ensuing year FY 2026-27, based on the overall energy availability and power purchase cost considerations discussed in the previous sections, the total power purchase energy quantum and costs have been allotted to the licensee separately, based on the individual energy requirement, energy availability and the corresponding energy dispatch for the licensee.

2.17.4 The summary of power purchase quantum and costs for FY 2024-25 to FY 2026-27 claimed by TGDISCOMs are mentioned below:

**Table 2-28: Power Purchase Cost claimed by TGDISCOMs**

**TGSPDCL:**

| Generating Station                                 | Power Purchase Cost for FY 2024-25 (Actuals) |              |               |               |
|----------------------------------------------------|----------------------------------------------|--------------|---------------|---------------|
|                                                    | Power Purchase Quantum                       | Fixed Cost   | Variable Cost | Total Cost    |
|                                                    | MU                                           | Rs. Crores   | Rs. Crores    | Rs. Crores    |
| TGGENCO- Thermal                                   | 15,537                                       | 2,720        | 6,073         | 8,793         |
| TGGENCO- Hydel                                     | 3,561                                        | 726          | 0             | 726           |
| CGS                                                | 14,502                                       | 2,550        | 5,454         | 8,004         |
| NCES                                               | 8,309                                        | 0            | 3,748         | 3,748         |
| SEIL                                               | 1,406                                        | 216          | 405           | 621           |
| STPP                                               | 5,292                                        | 967          | 1,758         | 2,724         |
| D-D purchase / (sale)                              | -                                            | -            | -             | -             |
| Total Exchange/ Short-term power                   | 14,724                                       | -            | 5,985         | 5,985         |
| Additional Pension Liability (incl. water charges) | -                                            | 906          | -             | 906           |
| Others (Provisions, Reactive & Other charges)      | -                                            | -            | 891           | 891           |
| <b>Total</b>                                       | <b>63,330</b>                                | <b>8,085</b> | <b>24,313</b> | <b>32,398</b> |
| Sale of Surplus Power                              | -546                                         | -            | -309          | -309          |
| <b>Net PP Cost</b>                                 | <b>62,783</b>                                | <b>8,085</b> | <b>24,004</b> | <b>32,089</b> |

| Generating Station | Power Purchase Cost for FY 2025-26 (Estimated) |            |               |            |
|--------------------|------------------------------------------------|------------|---------------|------------|
|                    | Power Purchase Quantum                         | Fixed Cost | Variable Cost | Total Cost |
|                    | MU                                             | Rs. Crores | Rs. Crores    | Rs. Crores |
| TGGENCO- Thermal   | 21,253                                         | 5,990.67   | 7,139.51      | 13,130.19  |
| TGGENCO- Hydel     | 2,700                                          | 786.09     | -             | 786.09     |
| CGS                | 12,914                                         | 2,411.21   | 5,018.28      | 7,429.49   |
| NCES               | 11,426                                         | -          | 4,777.07      | 4,777.07   |

| Generating Station                                 | Power Purchase Cost for FY 2025-26 (Estimated) |                  |                  |                  |
|----------------------------------------------------|------------------------------------------------|------------------|------------------|------------------|
|                                                    | Power Purchase Quantum                         | Fixed Cost       | Variable Cost    | Total Cost       |
|                                                    | MU                                             | Rs. Crores       | Rs. Crores       | Rs. Crores       |
| SEIL                                               | 1,174                                          | 211.25           | 336.78           | 548.05           |
| STPP                                               | 4,499                                          | 945.45           | 1,535.65         | 2,481.10         |
| D-D purchase / (sale)                              | -33                                            | -                | -17.35           | -17.35           |
| Other Short-term purchase                          | 11,406                                         | -                | 4,040.03         | 4,040.03         |
| Other Short-term Sell                              | -673                                           | -                | -115.14          | -115.14          |
| Additional Pension Liability (incl. water charges) | -                                              | 1,074.86         | -                | 1,074.86         |
| <b>Total</b>                                       | <b>64,665</b>                                  | <b>11,419.53</b> | <b>22,714.83</b> | <b>34,134.40</b> |
| Sale of Surplus Power                              | -858                                           | -                | -254.05          | -254.05          |
| <b>Net PP Cost</b>                                 |                                                | <b>11,419.53</b> | <b>22,460.78</b> | <b>33,880.35</b> |

| Generating Station                                 | Power Purchase Cost for FY 2026-27 (Projected) |                  |                  |                  |
|----------------------------------------------------|------------------------------------------------|------------------|------------------|------------------|
|                                                    | Power Purchase Quantum                         | Fixed Cost       | Variable Cost    | Total Cost       |
|                                                    | MU                                             | Rs. Crores       | Rs. Crores       | Rs. Crores       |
| TGGENCO- Thermal                                   | 31,599                                         | 8,477.65         | 10,569.03        | 19,046.68        |
| TGGENCO- Hydel                                     | 2,700                                          | 809.68           | -                | 809.68           |
| CGS                                                | 12,827                                         | 2,483.55         | 4,993.54         | 7,477.10         |
| NCES                                               | 11,683                                         | -                | 4,665.64         | 4,665.64         |
| SEIL                                               | 1,200                                          | 217.60           | 361.62           | 579.22           |
| STPP                                               | 4,378                                          | 973.80           | 1,515.67         | 2,489.48         |
| D-D purchase / (sale)                              | -37                                            | -                | -19.86           | -19.86           |
| Other Short-term purchase                          | 8,186                                          | -                | 2,808.21         | 2,808.21         |
| Other Short-term Sell                              | -621                                           | -                | -107.70          | -107.70          |
| Additional Pension Liability (incl. water charges) | -                                              | 1,164.71         | -                | 1,164.71         |
| <b>Total</b>                                       | <b>71,916</b>                                  | <b>14,126.99</b> | <b>24,786.15</b> | <b>38,913.16</b> |
| Sale of Surplus Power                              | -2,106                                         | -                | -421.11          | -421.11          |
| <b>Net PP Cost</b>                                 |                                                | <b>14,126.99</b> | <b>24,365.05</b> | <b>38,492.05</b> |

**TGNPDCL:**

| Generating Station                                 | Power Purchase Cost for FY 2024-25 (Actuals) |              |               |               |
|----------------------------------------------------|----------------------------------------------|--------------|---------------|---------------|
|                                                    | Power Purchase Quantum                       | Fixed Cost   | Variable Cost | Total Cost    |
|                                                    | MU                                           | Rs. Crores   | Rs. Crores    | Rs. Crores    |
| TGGENCO- Thermal                                   | 6,485                                        | 1,135        | 2,535         | 3,670         |
| TGGENCO- Hydel                                     | 1,486                                        | 303          | -             | 303           |
| CGS                                                | 6,054                                        | 1,064        | 2,277         | 3,341         |
| NCES                                               | 3,442                                        | -            | 1,519         | 1,519         |
| SEIL                                               | 587                                          | 90           | 169           | 259           |
| STPP                                               | 2,209                                        | 403          | 734           | 1,137         |
| Total Exchange/ Short-term power                   | 6,146                                        | -            | 2,498         | 2,498         |
| Additional Pension Liability (incl. water charges) | -                                            | 378          | -             | 378           |
| Others (Provisions, Reactive & Other charges)      | -                                            | -            | -403          | -403          |
| Sale of Surplus Power                              | -228                                         | -            | -129          | -129          |
| <b>Net PP Cost</b>                                 | <b>26,181</b>                                | <b>3,375</b> | <b>9,200</b>  | <b>12,575</b> |



| Generating Station                                 | Power Purchase Cost for FY 2025-26 (Estimated) |              |               |               |
|----------------------------------------------------|------------------------------------------------|--------------|---------------|---------------|
|                                                    | Power Purchase Quantum                         | Fixed Cost   | Variable Cost | Total Cost    |
|                                                    | MU                                             | Rs. Crores   | Rs. Crores    | Rs. Crores    |
| TGGENCO- Thermal                                   | 8,872                                          | 2,501        | 2,980         | 5,481         |
| TGGENCO- Hydel                                     | 1,127                                          | 328          | -             | 328           |
| CGS                                                | 5,391                                          | 1,007        | 2,095         | 3,101         |
| NCES                                               | 4,738                                          | -            | 1,990         | 1,990         |
| SEIL                                               | 490                                            | 88           | 141           | 229           |
| STPP                                               | 1,878                                          | 395          | 641           | 1,036         |
| D-D purchase / (sale)                              | 33                                             | -            | 17            | 18            |
| Other Short-term purchase                          | 4,923                                          | -            | 1,759         | 1,759         |
| Other Short-term Sell                              | -291                                           | -            | -50           | -50           |
| Additional Pension Liability (incl. water charges) | -                                              | 449          | -             | 449           |
| <b>Total</b>                                       | <b>27,160</b>                                  | <b>4,767</b> | <b>9,573</b>  | <b>14,340</b> |
| Sale of Surplus Power                              | -358                                           | -            | -106          | -106          |
| <b>Net PP Cost</b>                                 | <b>27,160</b>                                  | <b>4,767</b> | <b>9,467</b>  | <b>14,233</b> |

| Generating Station                                 | Power Purchase Cost for FY 2026-27 (Projected) |              |               |               |
|----------------------------------------------------|------------------------------------------------|--------------|---------------|---------------|
|                                                    | Power Purchase Quantum                         | Fixed Cost   | Variable Cost | Total Cost    |
|                                                    | MU                                             | Rs. Crores   | Rs. Crores    | Rs. Crores    |
| TGGENCO- Thermal                                   | 13,191                                         | 3,539        | 4,412         | 7,951         |
| TGGENCO- Hydel                                     | 1,127                                          | 338          | -             | 338           |
| CGS                                                | 5,354                                          | 1,037        | 2,084         | 3,121         |
| NCES                                               | 4,843                                          | -            | 1,908         | 1,908         |
| SEIL                                               | 501                                            | 91           | 151           | 242           |
| STPP                                               | 1,828                                          | 406          | 633           | 1,039         |
| D-D purchase / (sale)                              | 37                                             | -            | 20            | 20            |
| Other Short-term purchase                          | 3,455                                          | -            | 1,192         | 1,192         |
| Other Short-term Sell                              | -270                                           | -            | -47           | -47           |
| Additional Pension Liability (incl. water charges) | -                                              | 486          | -             | 486           |
| <b>Total</b>                                       | <b>30,065</b>                                  | <b>5,897</b> | <b>10,353</b> | <b>16,250</b> |
| Sale of Surplus Power                              | -879                                           | -            | -176          | -176          |
| <b>Net PP Cost</b>                                 | <b>30,065</b>                                  | <b>5,897</b> | <b>10,177</b> | <b>16,075</b> |

## 2.18 INTER-STATE TRANSMISSION CHARGES (PGCIL CHARGES)

2.18.1 TGDISCOMs have considered PGCIL (inter-state transmission charges) charges for the state as approved by the Commission in the ARR of Retail Supply Business order for 5<sup>th</sup> CP order dated 28.10.2024.

2.18.2 The inter-state transmission charges for FY 2024-25 to FY 2026-27 claimed by TGDISCOMs is mentioned below:

**Table 2-29: PGCIL Charges (Rs. Crores) claimed by TGDISCOMs**

| Details       | FY 2024-25 | FY 2025-26 | FY 2026-27 |
|---------------|------------|------------|------------|
|               | Actual     | Approved   | Projected  |
| PGCIL Charges | 2,050      | 2,413      | 2,537      |

## 2.19 INTRA-STATE TRANSMISSION CHARGES (ISTS)

2.19.1 For the ensuing year FY 2026-27, TGDISCOMs considered transmission charges as per the TGTRANSCO filings for ARR of FY 2026-27.

**Table 2-30: Intra-State Transmission Charges (Rs. Crores) claimed by TGDISCOMs**

| Details      | TGSPDCL    |            |            | TGNPDCL    |            |            |
|--------------|------------|------------|------------|------------|------------|------------|
|              | FY 2024-25 | FY 2025-26 | FY 2026-27 | FY 2024-25 | FY 2025-26 | FY 2026-27 |
|              | Actual     | Approved   | Projected  | Actual     | Approved   | Projected  |
| ISTS Charges | 2,473      | 1,291.22   | 2,274.7    | 1,043      | 539        | 949.5      |

## 2.20 SLDC CHARGES

2.20.1 For the ensuing year FY 2026-27, TGDISCOMs considered the SLDC charges as per the SLDC filings for ARR of FY 2026-27.

**Table 2-31: SLDC Charges (Rs. Crores) claimed by TGDISCOMs**

| Details      | TGSPDCL    |            |            | TGNPDCL    |            |            |
|--------------|------------|------------|------------|------------|------------|------------|
|              | FY 2024-25 | FY 2025-26 | FY 2026-27 | FY 2024-25 | FY 2025-26 | FY 2026-27 |
|              | Actual     | Approved   | Projected  | Actual     | Approved   | Projected  |
| SLDC Charges | 37         | 57.8       | 68.5       | 16         | 24.1       | 28.6       |

## 2.21 DISTRIBUTION COST

2.21.1 For the ensuing year FY 2026-27, TGDISCOMs projected the revised distribution cost as per the filings for DB ARR of FY 2026-27 with a 90% allocation of Distribution ARR towards wheeling business and 10% towards retail supply business.

2.21.2 The details of distribution costs along with break-up of line items @90%-10% allocation factors for FY 2025-26 and FY 2026-27 claimed by TGDISCOMs is mentioned below:

**Table 2-32: Distribution Costs (Rs. Crores) claimed by TGDISCOMs**

| Particulars                                                 | TGSPDCL      |              | TGNPDCL      |              |
|-------------------------------------------------------------|--------------|--------------|--------------|--------------|
|                                                             | FY 2025-26   | FY 2026-27   | FY 2025-26   | FY 2026-27   |
|                                                             | Approved     | Projected    | Approved     | Projected    |
| Operation & Maintenance expenses                            | 3,717        | 4,072        | 2,608        | 2,818        |
| Depreciation                                                | 946          | 1,034        | 444          | 595          |
| Interest and finance charges on loan                        | 474          | 840          | 313          | 360          |
| Interest on working capital                                 | 120          | 150          | 87           | 100          |
| Return on Equity                                            | 244          | 434          | 152          | 220          |
| <i>Aggregate Revenue Requirement</i>                        | <i>5,501</i> | <i>6,530</i> | <i>3,603</i> | <i>4,093</i> |
| Impact of True-Up for FY 2024-25                            | -            | -            | -656         | 484          |
| <i>Gross ARR</i>                                            | <i>-</i>     | <i>-</i>     | <i>2,947</i> | <i>4,577</i> |
| Non-Tariff Income                                           | 607          | 532          | 175          | 183          |
| Income from Open Access charges                             | 1            | 1            | 3            | 3.23         |
| <i>Net Distribution ARR attributed to Wheeling Business</i> | <i>4,893</i> | <i>5,997</i> | <i>2,769</i> | <i>4,391</i> |

| Particulars                                                         | TGSPDCL      |              | TGNPDCL      |              |
|---------------------------------------------------------------------|--------------|--------------|--------------|--------------|
|                                                                     | FY 2025-26   | FY 2026-27   | FY 2025-26   | FY 2026-27   |
|                                                                     | Approved     | Projected    | Approved     | Projected    |
| <i>Retail Supply Business allocation</i>                            |              |              |              |              |
| Operation & Maintenance expenses                                    | 413          | 452          | 289.74       | 313          |
| Depreciation                                                        | 105          | 115          | 49.30        | 66           |
| Interest and finance charges on loan                                | 53           | 93           | 34.74        | 40           |
| Interest on working capital                                         | 13           | -            | -            | -            |
| Return on Equity                                                    | 27           | 48           | 16.88        | 24           |
| <i>Sub-Total</i>                                                    | <i>611</i>   | <i>709</i>   | <i>391</i>   | <i>444</i>   |
| <b>Aggregate Distribution (inclusive of 90% and 10% allocation)</b> | <b>5,504</b> | <b>6,706</b> | <b>3,160</b> | <b>4,835</b> |
| Impact of True-Up for FY 2024-25                                    | -30          | 545          | -            | -            |
| <b>Net ARR to Distribution Business</b>                             | <b>5,474</b> | <b>7,251</b> | <b>-</b>     | <b>-</b>     |

## 2.22 INTEREST ON WORKING CAPITAL

2.22.1 For the ensuing year FY 2026-27, TGSPDCL has not claimed any Interest on working capital to RSB and TGNPDCL has arrived at interest on working capital for Retail Supply of Electricity in accordance with Clause 33 of Regulation No. 02 of 2023 as under:

**Table 2-33: Interest on Working Capital (Rs. Crores) claimed by TGNPDCL**

| Particulars                                                         | FY 2026-27<br>(Rs. Crores) |
|---------------------------------------------------------------------|----------------------------|
| O&M Expenses                                                        | 261                        |
| Maintenance spares                                                  | 122                        |
| Receivables                                                         | 3,740                      |
| <b>Less:</b>                                                        |                            |
| Security Deposits                                                   | 1,673                      |
| Power Purchase cost including transmission charges and SLDC charges | 2,194                      |
| Total Working Capital Requirement                                   | 256                        |
| Interest Rate %                                                     | 10.25%                     |
| <b>Interest on working capital to Retail Supply Business</b>        | <b>26</b>                  |

## 2.23 INTEREST ON CONSUMER SECURITY DEPOSIT

2.23.1 For the ensuing year FY 2026-27, TGDISCOMs have considered the 'additions during the year' based on the revenue at current tariff.

2.23.2 TGDISCOMs have considered the rate of interest as notified by the Reserve Bank of India from time to time for payment of interest on security deposits. The rate as notified by RBI is 5.75%.



**Table 2-34: Interest on consumer deposits (Rs. Crores) claimed by TGDISCOMs**

| Particulars                              | TGSPDCL       |               |               | TGNDPDCL     |              |              |
|------------------------------------------|---------------|---------------|---------------|--------------|--------------|--------------|
|                                          | FY 2024-25    | FY 2025-26    | FY 2026-27    | FY 2024-25   | FY 2025-26   | FY 2026-27   |
| Opening Balance                          | 5,236         | 5,811         | 5,971         | 1,416.09     | 1,509.19     | 1,568.93     |
| Additions during the year                | 574           | 161           | 791           | 93.10        | 59.74        | 103.83       |
| Closing Balance                          | 5,811         | 5,971         | 6,762         | 1,509.19     | 1,568.93     | 1,672.75     |
| Average Balance<br>(opening + closing)/2 | 5,523         | 5,891         | 6,367         | 1,462.64     | 1,539.06     | 1,620.84     |
| Interest p.a. (%)                        | 6.33%         | 5.8%          | 5.8%          | 6.33%        | 5.75%        | 5.75%        |
| <b>Interest Cost</b>                     | <b>349.63</b> | <b>338.72</b> | <b>366.09</b> | <b>92.58</b> | <b>88.50</b> | <b>93.20</b> |

## 2.24 AGGREGATE REVENUE REQUIREMENT

2.24.1 The details of Aggregate Revenue Requirement for FY 2026-27 claimed by TGDISCOMs is mentioned below:

**Table 2-35: Aggregate Revenue Requirement (Rs. Crores) claimed by TGDISCOMs**

| Particulars                          | FY 2026-27    |               |
|--------------------------------------|---------------|---------------|
|                                      | Projections   |               |
|                                      | TGSPDCL       | TGNDPDCL      |
| Power Purchase Cost                  | 38,492        | 16,075        |
| Transmission Cost                    | 2,275         | 950           |
| PGCIL & ULDC Cost                    | 1,790         | 747           |
| SLDC Charges                         | 68            | 29            |
| Distribution Cost (90%)              | 6,542         | 4,391         |
| Retail Supply Business allocation    |               |               |
| Operation & Maintenance expenses     | 452           | 313           |
| Depreciation                         | 115           | 66            |
| Interest and finance charges on loan | 93            | 40            |
| Interest on Working Capital          | -             | 26            |
| Return on Equity                     | 48            | 24            |
| Interest on consumer deposit         | 366           | 93            |
| <b>Aggregate Revenue Requirement</b> | <b>50,242</b> | <b>22,754</b> |

## 2.25 REVENUE PROJECTIONS FOR FY 2025-26 AND FY 2026-27

2.25.1 The details of gross revenue (excluding NTI) at current tariffs for FY 2025-26 and FY 2026-27 claimed by TGDISCOMs is mentioned below:

**Table 2-36: Gross Revenue Projections (Rs. Crores) claimed by TGDISCOMs**

| Particulars                     | TGSPDCL       |               | TGNDPDCL     |              |
|---------------------------------|---------------|---------------|--------------|--------------|
|                                 | FY 2025-26    | FY 2026-27    | FY 2025-26   | FY 2026-27   |
|                                 | Projected     | Projected     | Projected    | Projected    |
| <i>LT Category</i>              | <i>13,054</i> | <i>14,705</i> | <i>4,149</i> | <i>4,505</i> |
| LT-I: Domestic                  | 6,627         | 7,470         | 2,248        | 2,461        |
| LT-II: Non-Domestic/ Commercial | 4,698         | 5,338         | 1,233        | 1,331        |
| LT-III: Industry                | 965           | 998           | 247          | 249          |
| LT-IV: Cottage Industries       | 4.6           | 4.7           | 4            | 5            |
| LT-V: Agriculture               | 63            | 64            | 51           | 53           |
| LT-VI: Street lighting & PWS    | 376           | 376           | 275          | 286          |

| Particulars                               | TGSPDCL       |               | TGNPDCL      |               |
|-------------------------------------------|---------------|---------------|--------------|---------------|
|                                           | FY 2025-26    | FY 2026-27    | FY 2025-26   | FY 2026-27    |
|                                           | Projected     | Projected     | Projected    | Projected     |
| LT-VII: General Purpose                   | 91            | 100           | 70           | 79            |
| LT-VIII: Temporary Supply                 | 221           | 266           | 21           | 22            |
| LT-IX: EV Charging Stations               | 9             | 65            | 0.28         | 20            |
| <i>HT Category</i>                        | <i>22,029</i> | <i>25,672</i> | <i>5,246</i> | <i>5,667</i>  |
| HT-I: Industry Segregated                 | 13,496        | 15,675        | 1,962        | 2,061         |
| HT-II: Others                             | 4,672         | 5,772         | 340.27       | 386.28        |
| HT-III: Airports, Railways, Bus stations  | 116           | 164           | 8            | 9             |
| HT-IV: Lift Irrigation & CPWS             | 2,350         | 2,406         | 1,759        | 1,878         |
| HT-V: Railway Traction & HMR              | 471           | 524           | 435          | 430           |
| HT-VI: Townships and Residential Colonies | 426           | 508           | 93           | 101           |
| HT-VII: Temporary Supply                  | 464           | 573           | 30           | 32            |
| HT-VIII: RESCOs                           | -             | -             | 594          | 737           |
| HT-IX: EV Charging Stations               | 34            | 49            | 24           | 34            |
| <b>Total</b>                              | <b>35,083</b> | <b>40,378</b> | <b>9,395</b> | <b>10,172</b> |

## 2.26 NON-TARIFF INCOME FOR FY 2024-25 TO FY 2026-27

2.26.1 Non-Tariff Income of TGSPDCL for FY 2024-25 is Rs. 78.24 crores. Non-Tariff Income of TGSPDCL is projected for FY 2025-26 at Rs. 81 crores and for FY 2026-27 at Rs. 82.62 crores by considering 2% escalation over previous year.

2.26.2 Non-Tariff Income of TGNPDCL for FY 2024-25 is Rs. 73.33 crores. Non-Tariff Income of TGNPDCL is projected for FY 2025-26 at Rs. 59.85 crores and for FY 2026-27 at Rs. 61.05 crores.

## 2.27 CROSS SUBSIDY SURCHARGE (CSS)

2.27.1 TGDISCOMs considered following assumptions to compute category-wise cross subsidy:

- Category-wise average realisation from the current tariffs, considering current tariffs as per TGDISCOMs ARR filings.
- Weighted average power purchase cost of Rs. 5.35/kWh
- Wheeling charges and losses computed across voltages considering wheeling charges approved by the Commission.

2.27.2 The 'Consultation Paper on Issues pertaining to Open Access, Aug'17' issued by MoP, GoI highlighted the issue of limiting the CSS to 20% of tariff applicable to the consumer category which is presented below:

*“The Tariff Policy, 2016 mandates SERCs to determine roadmap for reduction of cross subsidy and bring tariff at +/- 20% Average Cost of Supply, however it restricts Cross Subsidy Surcharge at 20% of the consumer tariff. In case the consumer tariff is more than 120% of Average Cost of Supply, DISCOM will not be able to recover losses through cross subsidy surcharge in case consumer opts for open access. It is essential for SERCs to implement both Para 8.3-2 and First proviso to para 8.5.1 of the Tariff Policy, 2016 simultaneously. If one of the provisions could not be implemented due to some reason, the second provision should also not be implemented to that extent.”*

2.27.3 TGDISCOMs requested the Commission not restrict the Cross-Subsidy Surcharge at 20% of tariff payable by the consumer as the tariffs are not within +/-20% of Average Cost of Supply.

2.27.4 Further, TGNPDCL requested the Commission to notify a roadmap/ methodology for reduction of cross subsidy across the consumer categories in order to enable it in fixing up cross subsidy surcharge without any under recovery.

2.27.5 For the ensuing year FY 2026-27, TGDISCOMs claim for CSS is shown below:

**Table 2-37: Cross Subsidy Surcharge (Rs. /unit) claimed by TGSPDCL**

| Category                                     | Average realisation (@ Proposed Tariff) | Weighted average PP cost | Applicable loss % | Aggregate T & D (Rs/Unit) | Cross Subsidy Surcharge (Rs/unit) | 20% limit on average realisation | Cross Subsidy Surcharge (Rs/Unit) |
|----------------------------------------------|-----------------------------------------|--------------------------|-------------------|---------------------------|-----------------------------------|----------------------------------|-----------------------------------|
|                                              | (a)                                     | (b)                      | (c)               | (d)                       | (e)= max (0, a-b/(1-c) +d)        | (f) =0.2*a                       | (g)=min(e,f)                      |
| <b>HT Category at 11 kV</b>                  |                                         |                          |                   |                           |                                   |                                  |                                   |
| HT-I Industry Segregated                     | 9.88                                    | 5.35                     | 9.29%             | 0.70                      | 3.28                              | 1.98                             | 1.98                              |
| HT-I(B) Ferro Alloys                         | 8.94                                    | -                        | -                 | 0.70                      | -                                 | -                                | -                                 |
| HT-II - Others and Wholly religious places   | 11.65                                   | 5.35                     | 9.29%             | 0.70                      | 5.05                              | 2.33                             | 2.33                              |
| HT-III Airports, Railways and Bus stations   | 11.48                                   | 5.35                     | 9.29%             | 0.70                      | 4.88                              | 2.30                             | 2.30                              |
| HT -IV A Lift and Irrigation and agriculture | 8.13                                    | 5.35                     | 9.29%             | 0.70                      | 1.53                              | 1.63                             | 1.53                              |



| Category                                   | Average realisation (@ Proposed Tariff) | Weighted average PP cost | Applicable loss % | Aggregate T & D (Rs/Unit) | Cross Subsidy Surcharge (Rs/unit) | 20% limit on average realisation | Cross Subsidy Surcharge (Rs/Unit) |
|--------------------------------------------|-----------------------------------------|--------------------------|-------------------|---------------------------|-----------------------------------|----------------------------------|-----------------------------------|
|                                            | (a)                                     | (b)                      | (c)               | (d)                       | (e)= max (0, a-b/(1-c) +d)        | (f) =0.2*a                       | (g)=min(e,f)                      |
| HT- IV B - CP Water Supply Schemes         | 6.1                                     | 5.35                     | 9.29%             | 0.70                      | 0.00                              | 1.23                             | 0.00                              |
| HT-V Railway Traction & HMR                | -                                       | -                        | -                 | 0.70                      | -                                 | -                                | -                                 |
| HT-VI Townships and Residential Colonies   | 8.66                                    | 5.35                     | 9.29%             | 0.70                      | 2.06                              | 1.73                             | 1.73                              |
| HT Green Power                             | -                                       | 5.35                     | 9.29%             | 0.70                      | 0.00                              | 0.00                             | 0.00                              |
| HT VII -Temporary Supply                   | 14.65                                   | 5.35                     | 9.29%             | 0.70                      | 8.05                              | 2.93                             | 2.93                              |
| HT-VII RESCOs                              | -                                       | -                        | -                 | 0.70                      | -                                 | -                                | -                                 |
| HT IX- EV                                  | 7.00                                    | 5.35                     | 9.29%             | 0.70                      | 0.40                              | 1.40                             | 0.40                              |
| <b>HT Category at 33 kV</b>                |                                         |                          |                   |                           |                                   |                                  |                                   |
| HT-I Industry Segregated                   | 8.67                                    | 5.35                     | 5.50%             | 0.31                      | 2.69                              | 1.73                             | 1.73                              |
| HT-I (B) Ferro-Alloys                      | -                                       | 5.35                     | 5.50%             | 0.31                      | 0.00                              | 0.00                             | 0.00                              |
| HT-II - Others                             | 10.21                                   | 5.35                     | 5.50%             | 0.31                      | 4.23                              | 2.04                             | 2.04                              |
| HT-III Airports, Railways and Bus stations | -                                       | 5.35                     | 5.50%             | 0.31                      | 0.00                              | 0.00                             | 0.00                              |
| HT -IV A Lift and irrigation               | 8.73                                    | 5.35                     | 5.50%             | 0.31                      | 2.75                              | 1.75                             | 1.75                              |
| HT- IV B - CP Water Supply Schemes         | 6.12                                    | 5.35                     | 5.50%             | 0.31                      | 0.14                              | 1.22                             | 0.14                              |
| HT-V Railway Traction & HMR                | -                                       | -                        | -                 | 0.31                      | -                                 | -                                | -                                 |
| HT-VI Townships and Residential Colonies   | 8.69                                    | 5.35                     | 5.50%             | 0.31                      | 2.71                              | 1.74                             | 1.74                              |
| Green Power                                | -                                       | 5.35                     | 5.50%             | 0.31                      | 0.00                              | 0.00                             | 0.00                              |
| HT VII -Temporary Supply                   | 14.92                                   | 5.35                     | 5.50%             | 0.31                      | 8.95                              | 2.98                             | 2.98                              |
| HT VIII - RESCOs                           | -                                       | 5.35                     | 5.50%             | 0.31                      | 0.00                              | 0.00                             | 0.00                              |
| HT-IX EVs                                  | 11.28                                   | 5.35                     | 5.50%             | 0.31                      | 5.30                              | 2.26                             | 2.26                              |
| <b>HT Category at 132 kV</b>               |                                         |                          |                   |                           |                                   |                                  |                                   |
| HT-I Industry Segregated                   | 8.12                                    | 5.35                     | 2.44%             | 0.18                      | 2.46                              | 1.62                             | 1.62                              |
| HT-I (B) Ferro-Alloys                      | -                                       | 5.35                     | 2.44%             | 0.18                      | 0.00                              | 0.00                             | 0.00                              |
| HT-II - Others                             | 11.68                                   | 5.35                     | 2.44%             | 0.18                      | 6.01                              | 2.34                             | 2.34                              |

| Category                                   | Average realisation (@ Proposed Tariff) | Weighted average PP cost | Applicable loss % | Aggregate T & D (Rs/Unit) | Cross Subsidy Surcharge (Rs/unit) | 20% limit on average realisation | Cross Subsidy Surcharge (Rs/Unit) |
|--------------------------------------------|-----------------------------------------|--------------------------|-------------------|---------------------------|-----------------------------------|----------------------------------|-----------------------------------|
|                                            | (a)                                     | (b)                      | (c)               | (d)                       | (e)= max (0, a-b/(1-c) +d)        | (f) =0.2*a                       | (g)=min(e,f)                      |
| HT-III Airports, Railways and Bus stations | 8.53                                    | 5.35                     | 2.44%             | 0.18                      | 2.87                              | 1.71                             | 1.71                              |
| HT -IV A Lift Irrigation and agriculture   | 8.00                                    | 5.35                     | 2.44%             | 0.18                      | 2.33                              | 1.60                             | 1.60                              |
| HT- IV B - CP Water Supply Schemes         | 6.11                                    | 5.35                     | 2.44%             | 0.18                      | 0.45                              | 1.22                             | 0.45                              |
| HT-V Railway Traction                      | 6.58                                    | 5.35                     | 2.44%             | 0.18                      | 0.92                              | 1.32                             | 0.92                              |
| HT-VI Townships and Residential Colonies   | -                                       | 5.35                     | 2.44%             | 0.18                      | 0.00                              | 0.00                             | 0.00                              |
| HT- Green Power                            | -                                       | 5.35                     | 2.44%             | 0.18                      | 0.00                              | 0.00                             | 0.00                              |
| HT VII- Temporary Supply                   | -                                       | 5.35                     | 2.44%             | 0.18                      | 0.00                              | 0.00                             | 0.00                              |
| HT VIII- RESCOs                            | -                                       | 5.35                     | 2.44%             | 0.18                      | 0.00                              | 0.00                             | 0.00                              |
| HT-IX- EVs                                 | 10.58                                   | 5.35                     | 2.44%             | 0.18                      | 5.05                              | 2.12                             | 2.12                              |

Table 2-38: Cross Subsidy Surcharge (Rs. /unit) claimed by TGNPDCL

| Category                                   | Average realisation (@ Proposed Tariff) | Weighted average PP cost | Applicable loss % | Aggregate T & D (Rs/Unit) | Cross Subsidy Surcharge (Rs/unit) | 20% limit on average realisation | Cross Subsidy Surcharge (Rs/Unit) |
|--------------------------------------------|-----------------------------------------|--------------------------|-------------------|---------------------------|-----------------------------------|----------------------------------|-----------------------------------|
|                                            | (a)                                     | (b)                      | (c)               | (d)                       | (e)= max (0, a-b/(1-c)+d)         | (f) =0.2*a                       | (g)=min(e,f)                      |
| <b>HT Category at 11 kV</b>                |                                         |                          |                   |                           |                                   |                                  |                                   |
| HT-I Industry Segregated                   | 9.94                                    | 5.35                     | 8.80%             | 0.94                      | 3.14                              | 1.99                             | 1.99                              |
| HT-II - Others and Wholly religious places | 11.92                                   | 5.35                     | 8.80%             | 0.94                      | 5.12                              | 2.38                             | 2.38                              |
| HT-III Airports, Railways and Bus stations | 10.38                                   | 5.35                     | 8.80%             | 0.94                      | 3.58                              | 2.08                             | 2.08                              |
| HT -IV A Lift Irrigation and agriculture   | 10.35                                   | 5.35                     | 8.80%             | 0.94                      | 3.55                              | 2.07                             | 2.07                              |

| Category                                 | Average realisation (@ Proposed Tariff) | Weighted average PP cost | Applicable loss % | Aggregate T & D (Rs/Unit) | Cross Subsidy Surcharge (Rs/unit) | 20% limit on average realisation | Cross Subsidy Surcharge (Rs/Unit) |
|------------------------------------------|-----------------------------------------|--------------------------|-------------------|---------------------------|-----------------------------------|----------------------------------|-----------------------------------|
|                                          | (a)                                     | (b)                      | (c)               | (d)                       | (e)= max (0, a-b/(1-c)+d)         | (f) =0.2*a                       | (g)=min(e,f)                      |
| HT- IV B - CP Water Supply Schemes       | 6.12                                    | 5.35                     | 8.80%             | 0.94                      | -                                 | 1.22                             | -                                 |
| HT-VI Townships and Residential Colonies | 8.88                                    | 5.35                     | 8.80%             | 0.94                      | 2.08                              | 1.78                             | 1.78                              |
| HT VII -Temporary Supply                 | 15.34                                   | 5.35                     | 8.80%             | 0.94                      | 8.54                              | 3.07                             | 3.07                              |
| HT - VIII RESCOs                         | 4.77                                    | 5.35                     | 8.80%             | 0.94                      | -                                 | 0.95                             | -                                 |
| <b>HT Category at 33 kV</b>              |                                         |                          |                   |                           |                                   |                                  |                                   |
| HT-I Industry Segregated                 | 8.95                                    | 5.35                     | 5.32%             | 0.39                      | 2.91                              | 1.79                             | 1.79                              |
| HT-I (B) Ferro-Alloys                    | 7.87                                    | 5.35                     | 5.32%             | 0.39                      | 1.83                              | 1.57                             | 1.57                              |
| HT-II - Others                           | 10.98                                   | 5.35                     | 5.32%             | 0.39                      | 4.94                              | 2.20                             | 2.20                              |
| HT -IV A Lift Irrigation and agriculture | 9.92                                    | 5.35                     | 5.32%             | 0.39                      | 3.88                              | 1.98                             | 1.98                              |
| HT- IV B - CP Water Supply Schemes       | 6.10                                    | 5.35                     | 5.32%             | 0.39                      | 0.06                              | 1.22                             | 0.06                              |
| HT-VI Townships and Residential Colonies | 8.22                                    | 5.35                     | 5.32%             | 0.39                      | 2.18                              | 1.64                             | 1.64                              |
| HT - VII Temporary Supply                | 13.47                                   | 5.35                     | 5.32%             | 0.39                      | 7.43                              | 2.69                             | 2.69                              |
| HT-IX EVs                                | 6.56                                    | 5.35                     | 5.32%             | 0.39                      | 0.82                              | 1.31                             | 0.82                              |
| <b>HT Category at 132 kV</b>             |                                         |                          |                   |                           |                                   |                                  |                                   |
| HT-I Industry Segregated                 | 8.53                                    | 5.35                     | 2.44%             | 0.23                      | 2.82                              | 1.71                             | 1.71                              |
| HT-II - Others                           | 20.56                                   | 5.35                     | 2.44%             | 0.23                      | 14.85                             | 4.11                             | 4.11                              |
| HT -IV A Lift Irrigation and agriculture | 9.42                                    | 5.35                     | 2.44%             | 0.23                      | 3.71                              | 1.88                             | 1.88                              |
| HT- IV B - CP Water Supply Schemes       | 6.10                                    | 5.35                     | 2.44%             | 0.23                      | 0.39                              | 1.22                             | 0.39                              |
| HT-V Railway Traction                    | 6.56                                    | 5.35                     | 2.44%             | 0.23                      | 0.85                              | 1.31                             | 0.85                              |
| HT-VI Townships and Residential Colonies | 8.55                                    | 5.35                     | 2.44%             | 0.23                      | 2.84                              | 1.71                             | 1.71                              |



## 2.28 REVENUE FROM CROSS SUBSIDY SURCHARGE AND ADDITIONAL SURCHARGE

2.28.1 For the ensuing year FY 2026-27, based on the projections of open access sales at 1,000.49 MUs, TGSPDCL's claim of revenue from cross subsidy surcharge and additional surcharge is given below:

**Table 2-39: Revenue from CSS (Rs. Crores) claimed by TGSPDCL**

| HT category  | Voltage Level | Open Access Sales | CSS rate (Rs/unit) | CSS Revenue   |
|--------------|---------------|-------------------|--------------------|---------------|
| HT-I         | 11 kV         | 3.53              | 1.98               | 0.70          |
| HT-I         | 33 kV         | 341.44            | 1.73               | 59.21         |
| HT-I         | 132 kV        | 608.72            | 1.62               | 98.89         |
| HT-II        | 11 kV         | 5.33              | 2.33               | 1.24          |
| HT-II        | 33 kV         | 41.48             | 2.04               | 8.47          |
| HT-II        | 132 kV        | 0.00              | 2.34               | 0.00          |
| <b>Total</b> |               | <b>1,000.49</b>   |                    | <b>168.51</b> |

2.28.2 For the ensuing year FY 2026-27, assuming that 50% of the open access sales (*i.e.*, 500.24 MU) would be from green energy (which are exempted from paying additional surcharge) and the additional surcharge rate at 0.59/unit (as per filings for FY 2026-27 (H1)), TGSPDCL claim of revenue from Additional Surcharge is given below:

**Table 2-40: Revenue from AS (Rs. Crores) claimed by TGSPDCL**

| Particulars | Open Access Sales | Rate (Rs/unit) | Revenue |
|-------------|-------------------|----------------|---------|
| FY 2026-27  | 500.24            | 0.59           | 29.51   |

2.28.3 As there are no third-party open access sales, TGNPDCL claimed revenue from cross subsidy surcharge and additional surcharge as *zero* for ensuing year FY 2026-27.

## 2.29 COST OF SERVICE (COS)

2.29.1 For the ensuing year FY 2026-27, TGDISCOMs claim of CoS computed based on embedded cost methodology is given below:

**Table 2-41: Cost of Service (CoS) claimed by TGDISCOMs**

| Category Name           | TGSPDCL    |        |          | TGNPDCL    |       |          |
|-------------------------|------------|--------|----------|------------|-------|----------|
|                         | Total Cost | Sales  | CoS      | Total Cost | Sales | CoS      |
|                         | Rs. Crore  | MU     | Rs. /kWh | Rs. Crore  | MU    | Rs. /kWh |
| <b>LT</b>               |            |        |          |            |       |          |
| Domestic                | 11,836     | 13,523 | 8.75     | 4,668      | 5,294 | 8.82     |
| Non-Domestic/Commercial | 4,251      | 4,662  | 9.12     | 1,065      | 1,180 | 9.03     |
| Industry                | 977        | 1,045  | 9.35     | 218        | 252   | 8.63     |
| Cottage Industries      | 9          | 9      | 9.39     | 9          | 9     | 9.75     |

| Category Name                                | TGSPDCL       |               |             | TGNPDCL       |               |             |
|----------------------------------------------|---------------|---------------|-------------|---------------|---------------|-------------|
|                                              | Total Cost    | Sales         | CoS         | Total Cost    | Sales         | CoS         |
|                                              | Rs. Crore     | MU            | Rs. /kWh    | Rs. Crore     | MU            | Rs. /kWh    |
| Irrigation & Agriculture                     | 14,574        | 15,428        | 9.45        | 11,886        | 11,962        | 9.94        |
| Street Lighting & PWS                        | 462           | 496           | 9.31        | 403           | 405           | 9.96        |
| Others (General Purpose & Temporary)         | 295           | 332           | 8.91        | 112           | 113           | 9.96        |
| EVs                                          | 83            | 108           | 7.70        | 33            | 33.03         | 9.94        |
| <b>LT Total</b>                              | <b>32,488</b> | <b>35,604</b> | <b>9.12</b> | <b>18,394</b> | <b>19,248</b> | <b>9.56</b> |
| <b>HT category 11 kV</b>                     |               |               |             |               |               |             |
| Industry General                             | 3,461         | 4,900         | 7.06        | 781           | 1,217         | 6.42        |
| Ferro Alloy Units                            | 1             | 1.992         | 7.44        | -             | -             | -           |
| Others                                       | 1,877         | 2,738         | 6.86        | 192           | 297           | 6.45        |
| Wholly Religious Places                      | 0.3           | 0.46          | 5.80        | 0.16          | 0.4           | 4.20        |
| Airports, Bus Stations and Railways Stations | 6             | 8             | 7.56        | 5             | 8             | 6.26        |
| Lift Irrigation & Agriculture                | 129           | 186           | 6.93        | 130           | 198           | 6.57        |
| Townships & Residential Colonies             | 267           | 383           | 6.97        | 7             | 10            | 6.93        |
| Temporary & EVs                              | 288           | 418           | 6.88        | 9             | 14            | 6.68        |
| RESCO                                        | -             | -             | -           | 856           | 1,545         | 5.54        |
| <b>HT 11 kV Total</b>                        | <b>6,030</b>  | <b>8,635</b>  | <b>6.98</b> | <b>1,979</b>  | <b>3,288</b>  | <b>6.02</b> |
| <b>HT category 33 kV</b>                     |               |               |             |               |               |             |
| Industry General                             | 4,691         | 7,849         | 5.98        | 167           | 279           | 5.99        |
| Ferro Alloy Units                            | -             | -             | -           | 22            | 39.23         | 5.59        |
| Others                                       | 1,217         | 1,941         | 6.27        | 10            | 16            | 6.17        |
| Airports, Bus Stations and Railways Stations | -             | -             | -           | -             | -             | -           |
| Lift Irrigation & Agriculture                | 230           | 346           | 6.66        | 249           | 425           | 5.86        |
| Railway Traction                             | 0             | -             | -           | -             | -             | -           |
| Townships & Residential Colonies             | 138           | 204           | 6.77        | 27            | 44            | 6.22        |
| Temporary                                    | 16            | 33            | 4.93        | 5             | 8             | 6.43        |
| Wholly Religious Places                      | 3             | 5             | 5.38        | -             | -             | -           |
| EVs                                          | -             | -             | -           | 19            | 52            | 3.69        |
| <b>HT 33 kV Total</b>                        | <b>6,296</b>  | <b>10,378</b> | <b>6.07</b> | <b>499</b>    | <b>862</b>    | <b>5.79</b> |
| <b>HT category 132 kV</b>                    |               |               |             |               |               |             |
| Industry General                             | 2,781         | 4,985         | 5.58        | 370           | 669           | 5.52        |
| Ferro Alloy Units                            | -             | -             | -           | -             | -             | -           |
| Others                                       | 345           | 522           | 6.60        | 5             | 7             | 7.78        |
| Airports, Bus Stations and Railways Stations | 101           | 182           | 5.53        | -             | -             | -           |
| Lift Irrigation & Agriculture                | 1,729         | 2,649         | 6.53        | 1,101         | 1,575         | 6.99        |
| Railway Traction                             | 401           | 672           | 5.97        | 369           | 655           | 5.63        |
| HMR Traction                                 | 69.67         | 126           | 5.53        | -             | -             | -           |
| Townships & Residential Colonies             | 3             | 1             | 25.49       | 37            | 66            | 5.69        |
| Temporary                                    | -             | -             | -           | -             | -             | -           |
| <b>HT 132 kV Total</b>                       | <b>5,428</b>  | <b>9,136</b>  | <b>5.94</b> | <b>1,882</b>  | <b>2,972</b>  | <b>6.33</b> |

| Category Name   | TGSPDCL          |                  |             | TGPNPDCL      |               |             |
|-----------------|------------------|------------------|-------------|---------------|---------------|-------------|
|                 | Total Cost       | Sales            | CoS         | Total Cost    | Sales         | CoS         |
|                 | Rs. Crore        | MU               | Rs. /kWh    | Rs. Crore     | MU            | Rs. /kWh    |
| <i>HT Total</i> | <i>17,754</i>    | <i>28,150</i>    | <i>6.31</i> | <i>4,360</i>  | <i>7,123</i>  | <i>6.12</i> |
| <i>LT Total</i> | <i>32,488</i>    | <i>35,604</i>    | <i>9.12</i> | <i>18,394</i> | <i>19,248</i> | <i>9.56</i> |
| <b>Total</b>    | <b>50,242.01</b> | <b>63,753.28</b> | <b>7.88</b> | <b>22,754</b> | <b>26,371</b> | <b>8.63</b> |

### 2.30 PROPOSED TARIFFS FOR FY 2026-27

2.30.1 For the ensuing year FY 2026-27, TGDISCOMs have not proposed any changes in the tariff including ToD tariffs for all the categories.

2.30.2 Summary of existing and proposed electricity retail supply tariffs claimed by TGDISCOMs for FY 2026-27 is given below:

**Table 2-42: Existing and Proposed Retail Supply Tariffs claimed by TGDISCOMs**

| Consumer Category/<br>Sub-Category/<br>Slab Structure (units) | Energy<br>Unit | Existing Tariff                                              |                                                | Proposed Tariff                                              |                                            |
|---------------------------------------------------------------|----------------|--------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------|--------------------------------------------|
|                                                               |                | Fixed/<br>Demand<br>Charge<br>(Rs/kW or<br>Rs/KVA/mo<br>nth) | Ener<br>gy<br>Char<br>ge<br>(Rs.<br>/Unit<br>) | Fixed/<br>Demand<br>Charge<br>(Rs/kW or<br>Rs/KVA/mo<br>nth) | Energ<br>y<br>Char<br>ge<br>(Rs.<br>/unit) |
| <b>LT-I Domestic</b>                                          |                |                                                              |                                                |                                                              |                                            |
| LT-I(A): Up to 100 units/month                                |                |                                                              |                                                |                                                              |                                            |
| 0-500                                                         | kWh            | 10                                                           | 1.95                                           | 10                                                           | 1.95                                       |
| 51-100                                                        | kWh            | 10                                                           | 3.10                                           | 10                                                           | 3.10                                       |
| LT-I(B): More than 100 & up to 200 units/month                |                |                                                              |                                                |                                                              |                                            |
| 0-100                                                         | kWh            | 10                                                           | 3.40                                           | 10                                                           | 3.40                                       |
| 100-200                                                       | kWh            | 10                                                           | 4.80                                           | 10                                                           | 4.80                                       |
| LT-I(C): More than 200 units/month                            |                |                                                              |                                                |                                                              |                                            |
| 0-200                                                         | kWh            | 10                                                           | 5.10                                           | 10                                                           | 5.10                                       |
| 201-300                                                       | kWh            | 10                                                           | 7.70                                           | 10                                                           | 7.70                                       |
| 301-400                                                       | kWh            | 10                                                           | 9.00                                           | 10                                                           | 9.00                                       |
| 401-800                                                       | kWh            | 10                                                           | 9.50                                           | 10                                                           | 9.50                                       |
| Above 800                                                     | kWh            | 50                                                           | 10.00                                          | 50                                                           | 10.00                                      |
| <b>LT-II Non-Domestic/<br/>Commercial</b>                     |                |                                                              |                                                |                                                              |                                            |
| LT-II(A): Up to 50 units/month                                | kWh/kVAh       | 30                                                           | 7.00                                           | 30                                                           | 7.00                                       |
| LT-II(B): Above 50 units/month                                |                |                                                              |                                                |                                                              |                                            |
| 0-100                                                         | kWh/kVAh       | 70                                                           | 8.50                                           | 70                                                           | 8.50                                       |
| 101-300                                                       | kWh/kVAh       | 70                                                           | 9.90                                           | 70                                                           | 9.90                                       |



| Consumer Category/<br>Sub-Category/<br>Slab Structure (units)           | Energy<br>Unit | Existing Tariff                                              |                                                | Proposed Tariff                                              |                                            |
|-------------------------------------------------------------------------|----------------|--------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------|--------------------------------------------|
|                                                                         |                | Fixed/<br>Demand<br>Charge<br>(Rs/kW or<br>Rs/KVA/mo<br>nth) | Ener<br>gy<br>Char<br>ge<br>(Rs.<br>/Unit<br>) | Fixed/<br>Demand<br>Charge<br>(Rs/kW or<br>Rs/KVA/mo<br>nth) | Energ<br>y<br>Char<br>ge<br>(Rs.<br>/unit) |
| 301-500                                                                 | kWh/kVAh       | 100                                                          | 10.40                                          | 100                                                          | 10.40                                      |
| Above 500                                                               | kWh/kVAh       | 100                                                          | 11.00                                          | 100                                                          | 11.00                                      |
| LT-II(C): Advertisement Hoardings                                       | kWh/kVAh       | 150                                                          | 13.00                                          | 150                                                          | 13.00                                      |
| LT-II(D): Haircutting Salons having monthly consumption up to 200 units |                |                                                              |                                                |                                                              |                                            |
| 0-50                                                                    | kWh/kVAh       | 60                                                           | 5.30                                           | 60                                                           | 5.30                                       |
| 51-100                                                                  | kWh/kVAh       | 60                                                           | 6.60                                           | 60                                                           | 6.60                                       |
| 101-200                                                                 | kWh/kVAh       | 60                                                           | 7.50                                           | 60                                                           | 7.50                                       |
| <b>LT-III: Industry</b>                                                 |                |                                                              |                                                |                                                              |                                            |
| Industries                                                              | kWh/kVAh       | 100                                                          | 7.70                                           | 100                                                          | 7.70                                       |
| Seasonal Industries (off season)                                        | kWh/kVAh       | 100                                                          | 8.40                                           | 100                                                          | 8.40                                       |
| Pisciculture/Prawn culture                                              | kWh/kVAh       | 50                                                           | 6.20                                           | 50                                                           | 6.20                                       |
| Sugarcane crushing                                                      | kWh/kVAh       | 50                                                           | 6.20                                           | 50                                                           | 6.20                                       |
| Poultry farms                                                           | kWh/kVAh       | 65                                                           | 7.00                                           | 65                                                           | 7.00                                       |
| Mushroom, Rabbit, Sheep & Goat farms                                    | kWh/kVAh       | 100                                                          | 7.30                                           | 100                                                          | 7.30                                       |
| <b>LT-IV: Cottage Industries</b>                                        |                |                                                              |                                                |                                                              |                                            |
| LT-IV(A): Cottage Industries                                            | kWh            | 20                                                           | 4.00                                           | 20                                                           | 4.00                                       |
| LT-IV(B): Agro Based Activities                                         | kWh            | 20                                                           | 4.00                                           | 20                                                           | 4.00                                       |
| <b>LT-V: Agriculture</b>                                                |                |                                                              |                                                |                                                              |                                            |
| LT-V(A): Agriculture with DSM Measures                                  |                |                                                              |                                                |                                                              |                                            |
| Corporate Farmers                                                       | kWh            |                                                              | 2.50                                           |                                                              | 2.50                                       |
| Other than Corporate Farmers                                            | kWh            |                                                              | 0.00                                           |                                                              | 0.00                                       |
| LT-V(B): Others                                                         |                |                                                              |                                                |                                                              |                                            |
| Horticulture Nurseries up to 15 HP                                      | kWh            | 20                                                           | 4.00                                           | 20                                                           | 4.00                                       |
| <b>LT-VI: Street Lighting and PWS Schemes</b>                           |                |                                                              |                                                |                                                              |                                            |
| LT-VI(A): Street Lighting                                               |                |                                                              |                                                |                                                              |                                            |
| Panchayats                                                              | kWh            | 32                                                           | 7.10                                           | 32                                                           | 7.10                                       |
| Municipalities                                                          | kWh            | 32                                                           | 7.60                                           | 32                                                           | 7.60                                       |

| Consumer Category/<br>Sub-Category/<br>Slab Structure (units) | Energy<br>Unit   | Existing Tariff                                              |                                                | Proposed Tariff                                              |                                            |
|---------------------------------------------------------------|------------------|--------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------|--------------------------------------------|
|                                                               |                  | Fixed/<br>Demand<br>Charge<br>(Rs/kW or<br>Rs/KVA/mo<br>nth) | Ener<br>gy<br>Char<br>ge<br>(Rs.<br>/Unit<br>) | Fixed/<br>Demand<br>Charge<br>(Rs/kW or<br>Rs/KVA/mo<br>nth) | Energ<br>y<br>Char<br>ge<br>(Rs.<br>/unit) |
| Municipal Corporations                                        | kWh              | 32                                                           | 8.10                                           | 32                                                           | 8.10                                       |
| LT-VI(B): PWS Schemes                                         |                  |                                                              |                                                |                                                              |                                            |
| Panchayats                                                    | kWh/kVAh         | 32/HP<br>subject to a<br>minimum of<br>Rs. 50/month          | 6.00                                           | 32/HP<br>subject to a<br>minimum of<br>Rs. 50/month          | 6.00                                       |
| Municipalities                                                | kWh/kVAh         | 32/HP<br>subject to a<br>minimum of<br>Rs.<br>100/month      | 7.10                                           | 32/HP<br>subject to a<br>minimum of<br>Rs.<br>100/month      | 7.10                                       |
| Municipal Corporations                                        | kWh/kVAh         |                                                              | 7.60                                           |                                                              | 7.60                                       |
| <b>LT-VII: General</b>                                        |                  |                                                              |                                                |                                                              |                                            |
| LT-VII(A):<br>Purpose                                         | General kWh/kVAh | 21                                                           | 8.30                                           | 21                                                           | 8.30                                       |
| LT-VII(B):<br>Religious Places                                | Wholly kWh       | 30                                                           | 5.00                                           | 30                                                           | 5.00                                       |
| <b>LT-VIII:</b>                                               | <b>Temporary</b> | kWh/kVAh                                                     | 21                                             | 12.00                                                        | 21                                         |
| <b>Supply</b>                                                 |                  |                                                              |                                                |                                                              |                                            |
| <b>LT IX: EVs Charging Station</b>                            | kWh/kVAh         | 0                                                            | 6.00                                           | 0                                                            | 6.00                                       |
| <b>HT-I: Industry</b>                                         |                  |                                                              |                                                |                                                              |                                            |
| HT-I(A): Industry-General                                     |                  |                                                              |                                                |                                                              |                                            |
| 11 kV                                                         | kVAh             | 500                                                          | 7.65                                           | 500                                                          | 7.65                                       |
| 33 kV                                                         | kVAh             | 500                                                          | 7.15                                           | 500                                                          | 7.15                                       |
| 132 kV & above                                                | kVAh             | 500                                                          | 6.65                                           | 500                                                          | 6.65                                       |
| Light and Fans                                                |                  |                                                              |                                                |                                                              |                                            |
| 11 kV                                                         | kVAh             |                                                              | 7.65                                           |                                                              | 7.65                                       |
| 33 kV                                                         | kVAh             |                                                              | 7.15                                           |                                                              | 7.15                                       |
| 132 kV & above                                                | kVAh             |                                                              | 6.65                                           |                                                              | 6.65                                       |
| Poultry Farms                                                 |                  |                                                              |                                                |                                                              |                                            |
| 11 kV                                                         | kVAh             | 500                                                          | 7.65                                           | 500                                                          | 7.65                                       |
| 33 kV                                                         | kVAh             | 500                                                          | 7.15                                           | 500                                                          | 7.15                                       |
| Industrial Colonies                                           |                  |                                                              |                                                |                                                              |                                            |
| 11 kV                                                         | kVAh             |                                                              | 7.30                                           |                                                              | 7.30                                       |
| 33 kV                                                         | kVAh             |                                                              | 7.30                                           |                                                              | 7.30                                       |
| 132 kV & above                                                | kVAh             |                                                              | 7.30                                           |                                                              | 7.30                                       |
| Seasonal Industries                                           |                  |                                                              |                                                |                                                              |                                            |
| 11 kV                                                         | kVAh             | 500                                                          | 8.60                                           | 500                                                          | 8.60                                       |
| 33 kV                                                         | kVAh             | 500                                                          | 7.90                                           | 500                                                          | 7.90                                       |
| 132 kV & above                                                | kVAh             | 500                                                          | 7.70                                           | 500                                                          | 7.70                                       |

| Consumer Category/<br>Sub-Category/<br>Slab Structure (units)  | Energy<br>Unit | Existing Tariff                                              |                                                | Proposed Tariff                                              |                                            |
|----------------------------------------------------------------|----------------|--------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------|--------------------------------------------|
|                                                                |                | Fixed/<br>Demand<br>Charge<br>(Rs/kW or<br>Rs/KVA/mo<br>nth) | Ener<br>gy<br>Char<br>ge<br>(Rs.<br>/Unit<br>) | Fixed/<br>Demand<br>Charge<br>(Rs/kW or<br>Rs/KVA/mo<br>nth) | Energ<br>y<br>Char<br>ge<br>(Rs.<br>/unit) |
| HT-I(A) Optional category with<br>CMD up to 150 MVA            |                |                                                              |                                                |                                                              |                                            |
| 11 kV                                                          | kVAh           | 100                                                          | 8.00                                           | 100                                                          | 8.00                                       |
| HT-I(B): Ferro Alloy Units                                     |                |                                                              |                                                |                                                              |                                            |
| 11 kV                                                          | kVAh           | 500                                                          | 7.65                                           | 500                                                          | 7.65                                       |
| 33 kV                                                          | kVAh           | 500                                                          | 7.15                                           | 500                                                          | 7.15                                       |
| 132 kV & above                                                 | kVAh           | 500                                                          | 6.65                                           | 500                                                          | 6.65                                       |
| <b>HT-II: Others</b>                                           |                |                                                              |                                                |                                                              |                                            |
| 11 kV                                                          | kVAh           | 500                                                          | 8.80                                           | 500                                                          | 8.80                                       |
| 33 kV                                                          | kVAh           | 500                                                          | 8.00                                           | 500                                                          | 8.00                                       |
| 132 kV & above                                                 | kVAh           | 500                                                          | 7.80                                           | 500                                                          | 7.80                                       |
| <b>HT-II (B): Wholly Religious<br/>places</b>                  |                |                                                              |                                                |                                                              |                                            |
| 11 kV                                                          | kVAh           | 285                                                          | 5.00                                           | 285                                                          | 5.00                                       |
| 33 kV                                                          | kVAh           | 285                                                          | 5.00                                           | 285                                                          | 5.00                                       |
| 132 kV & above                                                 | kVAh           | 285                                                          | 5.00                                           | 285                                                          | 5.00                                       |
| <b>HT-III: Airports, Bus Stations<br/>and Railway Stations</b> |                |                                                              |                                                |                                                              |                                            |
| 11 kV                                                          | kVAh           | 500                                                          | 8.50                                           | 500                                                          | 8.50                                       |
| 33 kV                                                          | kVAh           | 500                                                          | 7.85                                           | 500                                                          | 7.85                                       |
| 132 kV & above                                                 | kVAh           | 500                                                          | 7.45                                           | 500                                                          | 7.45                                       |
| <b>HT-IV: Irrigation, Agriculture &amp;<br/>CPWS</b>           |                |                                                              |                                                |                                                              |                                            |
| HT-IV(A): Lift Irrigation &<br>Agriculture                     |                |                                                              |                                                |                                                              |                                            |
| 11 kV                                                          | kVAh           | 300                                                          | 6.30                                           | 300                                                          | 6.30                                       |
| 33 kV                                                          | kVAh           | 300                                                          | 6.30                                           | 300                                                          | 6.30                                       |
| 132 kV & above                                                 | kVAh           | 300                                                          | 6.30                                           | 300                                                          | 6.30                                       |
| HT-IV(B): CPWS                                                 |                |                                                              |                                                |                                                              |                                            |
| 11 kV                                                          | kVAh           |                                                              | 6.10                                           |                                                              | 6.10                                       |
| 33 kV                                                          | kVAh           |                                                              | 6.10                                           |                                                              | 6.10                                       |
| 132 kV & above                                                 | kVAh           |                                                              | 6.10                                           |                                                              | 6.10                                       |
| <b>HT-V: Railway Traction</b>                                  |                |                                                              |                                                |                                                              |                                            |
| HT-V(A): Railway<br>Traction                                   | kVAh           | 500                                                          | 5.05                                           | 500                                                          | 5.05                                       |
| HT-V(B): HMR Traction                                          | kVAh           | 500                                                          | 4.95                                           | 500                                                          | 4.95                                       |
| <b>HT-VI: Townships &amp; Residential<br/>Colonies</b>         |                |                                                              |                                                |                                                              |                                            |
| 11 kV                                                          | kVAh           | 285                                                          | 7.30                                           | 285                                                          | 7.30                                       |



| Consumer Category/<br>Sub-Category/<br>Slab Structure (units) | Energy<br>Unit | Existing Tariff                                              |                                                | Proposed Tariff                                              |                                            |
|---------------------------------------------------------------|----------------|--------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------|--------------------------------------------|
|                                                               |                | Fixed/<br>Demand<br>Charge<br>(Rs/kW or<br>Rs/KVA/mo<br>nth) | Ener<br>gy<br>Char<br>ge<br>(Rs.<br>/Unit<br>) | Fixed/<br>Demand<br>Charge<br>(Rs/kW or<br>Rs/KVA/mo<br>nth) | Energ<br>y<br>Char<br>ge<br>(Rs.<br>/unit) |
| 33 kV                                                         | kVAh           | 285                                                          | 7.30                                           | 285                                                          | 7.30                                       |
| 132 kV & above                                                | kVAh           | 285                                                          | 7.30                                           | 285                                                          | 7.30                                       |
| <b>HT-VII: Temporary</b>                                      |                |                                                              |                                                |                                                              |                                            |
| 11 kV                                                         | kVAh           | 500                                                          | 11.80                                          | 500                                                          | 11.80                                      |
| 33 kV                                                         | kVAh           | 500                                                          | 11.00                                          | 500                                                          | 11.00                                      |
| 132 kV & above                                                | kVAh           | 500                                                          | 10.80                                          | 500                                                          | 10.80                                      |
| <b>HT-VIII: RESCO</b>                                         |                |                                                              |                                                |                                                              |                                            |
| 11kV                                                          | kVAh           |                                                              | 4.77                                           |                                                              | 4.77                                       |
| <b>HT-IX: Electric Vehicle Charging Station</b>               |                |                                                              |                                                |                                                              |                                            |
| 11 kV                                                         | kVAh           | 100                                                          | 6.00                                           | 100                                                          | 6.00                                       |
| 33 kV                                                         | kVAh           | 100                                                          | 6.00                                           | 100                                                          | 6.00                                       |
| 132 kV & above                                                | kVAh           | 100                                                          | 6.00                                           | 100                                                          | 6.00                                       |

| During the period          | Current ToD Charges | Proposed ToD Charges |
|----------------------------|---------------------|----------------------|
| 6am to 10 am & 6pm to 10pm | Plus Rs. 1.00/unit  | Plus Rs. 1.00/unit   |
| 10pm to 6 am               | Less Rs. 0.00/unit  | Less Rs. 0.00/unit   |

## 2.31 OTHER TARIFF PROPOSALS FOR FY 2026-27

### **Green Tariff:**

- 2.31.1 For the ensuing year FY 2026-27, TGDISCOMs have proposed continuation of levy of green tariff of Rs. 0.66/unit over and above the normal tariff for respective LT and HT consumer categories who opt for green energy as approved by the Commission in MYT Order for 5<sup>th</sup> Control Period.

### **Standby Charges:**

- 2.31.2 For the ensuing year FY 2026-27, TGDISCOMs have proposed to levy Standby Charges at the rate of 10% of applicable energy charge for respective consumer category over and above the normal tariff to the extent of open access energy.

### **Grid Support Charges (GSC):**

- 2.31.3 The rate of Grid Support Charges (Rs. /kW/month) was computed by considering the

total generation capacity connected to the Telangana Grid and the approved R&M charges in MYT orders of TGTRANSCO and TGDISCOMs Distribution Business filings claimed for FY 2026-27 as given below:

**Table 2-43: Grid Support Charges (Rs. Crores) claimed by TGDISCOMs**

| Particulars                                                              | R&M Cost      |
|--------------------------------------------------------------------------|---------------|
| TGSPDCL                                                                  | 261.11        |
| TGNPDCL                                                                  | 169.17        |
| TGTRANSCO                                                                | 69.34         |
| <b>Total (A)</b>                                                         | <b>499.62</b> |
| Contracted Capacity (MW) (B)                                             | 22,511        |
| <b>Rate of GSC (Rs/kW/month)</b><br>[C=(A*10 <sup>7</sup> /12)/(B*1000)] | <b>18.50</b>  |

**Customer Charges:**

2.31.4 TGDISCOMs have proposed following customer charges for FY 2026-27:

**Table 2-44: Revised Customer Charges proposed by TGDISCOMs**

| Category                                                                | Present Customer Charges | Proposed Customer Charges |
|-------------------------------------------------------------------------|--------------------------|---------------------------|
|                                                                         | (Rs. / month)            | (Rs. / month)             |
| <b>Low Tension</b>                                                      |                          |                           |
| LT-I : Domestic (units/month)                                           |                          |                           |
| 0-50                                                                    | 40                       | 40                        |
| 51-100                                                                  | 70                       | 70                        |
| 101-200                                                                 | 90                       | 90                        |
| 201-300                                                                 | 100                      | 100                       |
| 301-400                                                                 | 120                      | 120                       |
| 401-800                                                                 | 140                      | 140                       |
| Above 800 units                                                         | 160                      | 160                       |
| LT-II: Non-Domestic/Commercial                                          |                          |                           |
| 0-50                                                                    | 50                       | 50                        |
| 51-100                                                                  | 90                       | 90                        |
| 101-300                                                                 | 105                      | 105                       |
| 305-500                                                                 | 120                      | 120                       |
| Above 500 units                                                         | 160                      | 160                       |
| LT-II(C): Advertisement Hoardings                                       | 160                      | 160                       |
| LT-II(D): Haircutting salons with consumption up to 200 units per month |                          |                           |
| 0-50                                                                    | 45                       | 45                        |
| 51-100                                                                  | 55                       | 55                        |
| 101-300                                                                 | 65                       | 65                        |
| LT-III: Industry up to 20 HP                                            | 100                      | 100                       |
| LT-III: Industry up to 21-50 HP                                         | 350                      | 350                       |
| LT-III: Industry up to 51-125 HP                                        | 1,200                    | 1,200                     |

| Category                                  | Present Customer Charges | Proposed Customer Charges |
|-------------------------------------------|--------------------------|---------------------------|
|                                           | (Rs. / month)            | (Rs. / month)             |
| LT-IV: Cottage Industries                 | 50                       | 50                        |
| LT-V: Agricultural                        | 30                       | 30                        |
| LT VI-Street Lighting & PWS               | 120                      | 120                       |
| LT-VII: General Purpose                   | 100                      | 100                       |
| LT-VIII: Temporary Supply                 | 100                      | 100                       |
| LT-IX: Electric Vehicle Charging Stations | 120                      | 120                       |
| HT: 11 kV                                 | 2,000                    | 2,000                     |
| HT: 33 kV                                 | 3,500                    | 3,500                     |
| HT: 132 kV and above                      | 5,000                    | 5,000                     |

### 2.32 REVENUE AND REVENUE GAP/SURPLUS FOR FY 2026-27

2.32.1 The revenue gap/surplus with proposed tariffs for FY 2026-27 claimed by TGDISCOMs is given below:

**Table 2-45: Revenue gap/surplus (Rs. Crores) claimed by TGDISCOMs**

| Particulars                                               | TGSPDCL       | TGNPDCL        | Total          |
|-----------------------------------------------------------|---------------|----------------|----------------|
| <b>Aggregate Revenue Requirement for FY 2026-27</b>       | <b>50,242</b> | <b>22,754</b>  | <b>72,996</b>  |
| Revenue from Current Tariffs                              | 40,378        | 10,172         | 50,550         |
| Revenue from Cross Subsidy Surcharge                      | 168.5         | -              | 168.5          |
| Revenue from Additional Surcharge                         | 29.5          | -              | 29.5           |
| Non-tariff Income                                         | 83            | 61             | 144            |
| <b>Total projected revenue for FY 2026-27 (incl. NTI)</b> | <b>40,659</b> | <b>10,233</b>  | <b>50,892</b>  |
| <b>Revenue (Deficit)/Surplus at current tariffs</b>       | <b>-9,583</b> | <b>-12,521</b> | <b>-22,104</b> |



## **CHAPTER-3 : OBJECTIONS OF STAKEHOLDERS; REPLIES OF PETITIONERS; AND ANALYSIS & FINDINGS OF THE COMMISSION**

### **3.1 OBJECTIONS/SUGGESTIONS MADE ON FILINGS**

- 3.1.1 Objections/suggestions/comments to the petitions for determination of ARR, Retail Supply Tariffs and CSS for FY 2026-27, were filed by various stakeholders. The TGDISCOMs have filed replies on the objections/suggestions received from these stakeholders.
- 3.1.2 All the objections/suggestions/comments by the stakeholders, made both in writing and during public hearings, and corresponding responses of the applicants have been considered by the Commission.
- 3.1.3 For the sake of brevity, the objections/suggestions raised by stakeholders and the responses of the applicants have been consolidated and summarised issue-wise. Any specific suggestion(s) not finding elaboration in this order shall not be construed as not being considered.

### **3.2 SALES PROJECTIONS**

#### ***TGDISCOMs' Filings***

- 3.2.1 TGDISCOMs have adopted 'trend method' for projecting the category-wise sales of FY 2026-27 by applying category-wise CAGR over the actual sales of FY 2024-25. For few categories where historical CAGR was very erratic, manual growth rate was applied.
- 3.2.2 Additionally, TGNPDCL has arrived at agricultural sales for FY 2026-27 by considering the connected agricultural load & new service connections and additional loads for LT-IX under PM E-Drive Scheme.

#### ***Stakeholders' Submissions***

##### **Metered Sales:**

- 3.2.3 Stakeholders have submitted that unrealistic projection and determination of availability of power and surplus/deficit, on one hand, and projection of inflated growth of sales, on the other, would lead to projection of ARR and revenue deficit in such a way that the need for subsidy from the government or tariff hike or both would be reduced, and later claims for thousands of crores of rupees under FSA and true-up

would emerge during the financial year concerned.

- 3.2.4 Both the TGDISCOMs projected sales of 90,124 MU for 2026-27. Compared to the sales approved by the Commission in the RSTO for 2025-26 of 81,029 MU, the growth rate of sales for 2026-27 works out to 10.09% percent. Compared to the actual sales of 78,226 MU for 2024-25, the approved sales for 2025-26 work out to a growth rate of 3.46%.
- 3.2.5 Stakeholders have submitted that the sales of HT-I(A) 132 kV has been considered as 4,985 MUs in FY 2026-27 versus 6,799 MUs in FY 2025-26 and 4,552 MUs in FY 2024-25. Thus, the sales in this category in FY 2026-27 needs to be at least 7,000 MUs. The TGDISCOMs are erroneously showing such values for sales to reduce the revenue expected to be generated in FY 2026-27. Reasonable growth must be provided in HT-I(A) under HT category 132 kV.
- 3.2.6 The projected growth rate of sales for 2026-27, especially for LT V agriculture, airports, railways and bus stations and HT-VIII RESCO, seems to be ambitious and may lead to heavy claims under FSA and true-up later. Projection of sales to HT 1(B) power-intensive ferro alloys industries, with a reduction to 41 MU for next financial year from 189 MU approved for 2025-26, indicates sickness and closures of those industries, power tariffs being one of the factors for such a situation, and underlines need for support of the government for their revival in the interest of industrial growth and protection of employment.
- 3.2.7 Stakeholders have submitted that the TGDISCOMs have claimed to have applied category wise CAGR trend during the last 5 years, 4 years, 3 years, 2 years, 1 year over the previous year to arrive at energy requirement during FY2026-27. But there was no proper justification for using the particular CAGR in the case of different consumer categories. In fact, in many cases, they have used 'manual growth rates'. The final power consumption/sales figures arrived by TGDISCOMs for FY 2026-27 do not seem to have any relation to the past experiences.
- 3.2.8 Based on the data submitted by the stakeholder, electricity consumption increased by 5.16% during FY 2024-25 and by 3.33% during FY 2025-26. However, the same is estimated to increase by 11.50% during FY 2026-27, which is twice over FY 2024-25 and thrice over FY 2025-26. Such overestimated electricity consumption for FY 2026-27 needs to be revised downwards.

## Agricultural sales

- 3.2.9 The unmetered Agriculture Sales as claimed for FY 2026-27 have been estimated to increase by around 9% and 13% for NPDCL and SPDCL respectively over the Agriculture Sales in FY 2025-26. Further, TGDISCOMs have also considered increase in number of unmetered agricultural connections in FY 2026-27 as shown below:

| Particulars        | FY 2024-25 | FY 2025-26 | FY 2026-27 | Increase %<br>y-o-y | Source |
|--------------------|------------|------------|------------|---------------------|--------|
| <b>TGNPDCL</b>     |            |            |            |                     |        |
| No. of Connections | 13,56,715  | 14,02,289  | 14,48,079  | 3%                  | Form-2 |
| Energy Sales (M)   | 9,493      | 10,568     | 11,962     | 13%                 | Form-4 |
| <b>TGSPDCL</b>     |            |            |            |                     |        |
| No. of Connections | 14,10,883  | 15,00,174  | 15,60,174  | 40%                 | Form-2 |
| Energy Sales (M)   | 15,209     | 14,140     | 15,428     | 9%                  | Form-4 |

- 3.2.10 Stakeholders submitted that from the above table that TGSPDCL has proposed addition in new unmetered connections in FY 2026-27, which implies that the TGDISCOMs itself are proposing to provide new connections which will be unmetered in FY 2026-27. However, this is in violation of the MoP Electricity (Rights of Consumers) Rules, 2020 dated 31.12.2020, which states that no connection shall be given without a meter and such meter shall be the smart prepayment meter or pre-payment meter. Relevant extract of the said Rules is as follows:

*"S. Metering - (1) No connection shall be given without a meter and such meter shall be the smart prepayment meter or pre-payment meter. Any exception to the smart meter or prepayment meter shall have to be duly approved by the Commission. The Commission, while doing so, shall record proper justification for allowing the deviation from installation of the smart pre-payment meter or prepayment meter."*

- 3.2.11 Further as per CEA Report on "Status of Metering in the Country", only 18% of the Rural Distribution Transformer (DT) in case of TGSPDCL are metered as on 31.03.2025. In the past, the Commission has repeatedly directed TGDISCOMs to achieve 100% of the Agricultural DTR Metering, however, they have failed to meter all Agricultural DTs as is evident from the CEA Report.
- 3.2.12 Distribution Losses, Metering, Billing and Collection are controllable parameters and therefore True-up should not be allowed for masked inefficiencies on account of TGDISCOMs. Due to lack of metered connections and huge unmetered Sales, proper



energy accounting and actual distribution losses cannot be ascertained. Thus, the inefficiencies of TGDISCOMs are borne by honest metered consumers.

3.2.13 Stakeholders have submitted that during the FY 2026-27 agriculture services are estimated to consume 11,962 MU accounting for 39.79% of energy requirement in the case of TGNPDCL and 15,428 MU accounting for 21.45% of energy requirement in the case of TGSPDCL. TGDISCOMs have claimed to have projected this consumption (with an increase of 21.72% over 2025-26) by agriculture services as per connected load. In ARR Petitions for FY 2026-27 of other states, like Madhya Pradesh, detailed norms considered for projecting the unmetered Sales are provided. On the contrary, TGDISCOMs have not mentioned whether the Commission approved this method and have not explained how they have used this method. It all depends on assumptions they made on number of days and number of hours of operation of pump sets each day. An important limitation of this method is that some of the agriculture services released are not in operation. This leads to overestimation of power consumption by agriculture services. Besides this, solarization of agriculture pump sets under KUSUM taken up in the State will have its impact on this estimate.

3.2.14 Against the claim of the TGDISCOMs of actual sales to LT agriculture of 24,702 MU for 2024-25, that the Commission approved a sale of 21,442 MU for 2025-26, the growth rate of 21.72% for 2026-27 projected by the TGDISCOMs becomes questionable. These variations underline the need for an effective methodology for a realistic estimate of consumption of power for agriculture under the policy of free supply.

3.2.15 The Commission, through directive no. 9 of RSTO for 2025-26, has directed the TGDISCOMs to explore the possibility of arriving at consensus among their agricultural consumers regarding the hours of supply for their peak load management. Though the DISCOMs have submitted the efforts being made by them in this direction, they could not specify to what extent the farmers are consuming power during non-peak hours only for agriculture. Similarly, the Commission, through directive 11 of RSTO for 2025-26, has also directed the TGDISCOMs to submit, within a period of two months from the date of the order (RSTO for 2025-26), an action plan for achieving 100% agricultural DTR metering.

3.2.16 The TGDISCOMs have replied that all the feeders in both the TGDISCOMs were

already equipped with feeder meters and that, under RDSS, all feeder meters are to be meters with communicable &AMI/AMR meters. The TGDISCOMs have clarified that, if they take up segregation of agriculture feeder under RDSS, they can assess the agriculture consumption with feeder meter data itself without fixing meters to agriculture DTRs. In the meantime, TGDISCOMs can use feeder metering to improve the estimation of agriculture consumption, as is being done in many states, including AP. This can be done even before feeder segregation is implemented. All 11 kV feeders in Telangana are reportedly metered. For mixed feeders, non-agriculture consumers are hopefully metered and mapped to the feeder. This metered consumption and expected losses (11 kV feeder, DT and LT lines) could be subtracted from feeder meter reading to arrive at the agriculture consumption.

3.2.17 TGDISCOMs have mentioned that most of these feeders are already metered. TGDISCOMs are repeating this response over the last few years. They have also not given the timeline over which segregation of agriculture feeders will be completed. In the past TGDISCOMs had stated that they were not able to raise funds to take up metering DTRs connected to agriculture pump sets. But they are ready to take up smart meter programme which involves higher expenditure than metering agriculture DTRs. This indicates that TGDISCOMs have different priorities. In this background the Commission is requested to direct TGDISCOMs to provide information on feeders that are exclusively serving agriculture services and mixed feeders; and provide time line over which mixed feeders will be segregated. In the case of mixed feeders which cannot be segregated meters shall be installed on DTRs connected to agriculture pump sets.

3.2.18 Stakeholders have submitted that agricultural consumption accounts for more than 40% of total energy sales in TGNPDCL, with most services supplied free of charge through government subsidy. However, majority of those agricultural feeders remain unmetered (Tariff Order 2025-26 mandated 100% metering; actual compliance <40%). No robust energy audit was conducted by TGDISCOMs and instead relies on estimated/ assessed consumption. There are significant methodology gaps in such assessment procedures. They requested the Commission to (a) conduct an independent, third-party study to accurately assess agricultural consumption in TGNPDCL's license area, (b) to quantify potential energy and financial savings achievable through DSM interventions and efficiency measures in the agricultural sector and (c) to base future



tariff orders on verified agricultural consumption, not estimated figures lacking empirical foundation. As done by the Maharashtra SERC and MPERC, TGERC could also consider setting up a committee with members drawn from SAC, DISCOMs and TGERC to prepare these guidelines.

- 3.2.19 Stakeholders submitted that in the Tariff order dated 28.10.2024 (Section 4.1.5, pp108), the Commission has laid out a procedure it has used for agriculture consumption estimation. This was based on calculating the specific consumption of pump sets (Units/HP/year) based on historical data and using the connected load increase (due to new connections) to project sales. NPDCL petition mentions that connected load is used for projections. Table below gives the details of the number of connections, contracted demand and agriculture sales for NPDCL for FY24 (Actual), FY 25 & FY26 (Estimates) and FY 27 (Projected).

| Detail                   | FY24 Act  | FY25 Est  | FY26 Est  | FY27 Proj |
|--------------------------|-----------|-----------|-----------|-----------|
| Agriculture connections  | 13,18,401 | 13,56,715 | 14,02,289 | 14,48,079 |
| Annual Growth Rate %     |           | 2.9       | 3.4       | 3.3       |
| Agr Contracted Demand MW | 4,993     | 5,143     | 5,369     | 5,538     |
| Annual Growth Rate %     |           | 3.0       | 4.4       | 3.2       |
| Agriculture Sales MU     | 9,447     | 9,493     | 10,568    | 11,962    |
| Annual Growth Rate %     |           | 0.5       | 11.3      | 13.2      |

Table 1: Agriculture sales trends in NPDCL (from NPDCL Petition and RSF Forms)

| Detail                   | FY24 Act | FY25 Est  | FY26 Est  | FY27 Proj |
|--------------------------|----------|-----------|-----------|-----------|
| Agriculture connections  |          | 14,10,883 | 15,00,174 | 15,60,174 |
| Annual Growth Rate %     |          |           | 6.3       | 4.0       |
| Agr Contracted Demand MW |          | 5,247     | 5,644     | 6,122     |
| Annual Growth Rate %     |          |           | 7.6       | 8.5       |
| Agriculture Sales MU     | 15,707   | 15,209    | 14,140    | 15,428    |
| Annual Growth Rate %     |          | -3.2      | -7.0      | 9.1       |

Table 2: Agriculture sales trends in SPDCL (from SPDCL Petition and RSF Forms)

- 3.2.20 Stakeholders submitted that there is a good correlation between the growth rates of number of connections and contracted demand – both are in the range of 3-4%. But the sales growth rate is only 0.5% between FY24 and FY25, but much higher for subsequent years, without any correlation to connections or demand. While growth in connections and demand is correlated, it can be seen that there is no correlation of these with sales.
- 3.2.21 Stakeholders made a suggestion to improve MYT Formats to provide historical actual data for past three years which helps in thorough analysis. For this control period (FY25-FY29), all the forms could provide actual data for at least the past three years, even if some of those years from the previous control period. It can be seen that some



forms do provide this data (eg. F2- Number of connections, F3-Contracted Demand etc), but some do not provide this data (eg. F1- ARR, F4-Sales etc). The TGDISCOMs are requested to provide at least 3-year actual historical data in all forms.

- 3.2.22 Further, some of the key parameters highlighting the negative performance of TGDISCOMs are as follows: a) TGSPDCL is a loss-making utility and has been rated at 'C-' as per 14<sup>th</sup> Integrated Rating for FY 2024-25. b) AT&C Loss for FY 2024-25 is 18.51%, higher than All India Average of 15.04% and c) ACS-ARR Gap (on Cash basis) stands at Rs. 1.14/kWh for FY 2024-25)
- 3.2.23 Stakeholders requested the Commission to direct TGDISCOMs to submit action plan for metering at least 100% Agricultural Distribution Transformers at first level and to submit the action plan to meter all the unmetered agricultural sales in maximum 5 years. Further penal action u/s 142 of Electricity Act, 2003 may be taken for non-compliance with the directions of the Commission. The Commission is requested to consider the Agriculture Energy Sales adopting apt methodology for computing/estimating the unmetered agriculture consumption using suitable applicable norms so that the high distribution losses may not be booked and hid in the form of unmetered Agriculture Sales.

### **Lift irrigation projects**

- 3.2.24 Stakeholders have submitted that the TGDISCOMs projected 3,877 MU electricity consumption by lift irrigation projects at 132 kV level during the ensuing financial year. The lift irrigation units linked to KLIP are not in full working condition due to damages to the barrages and pumping motors. Given these facts, projections related to electricity consumption by lift irrigation projects need to be re-examined. The TGDISCOMs also adopted different growth rates in estimating power consumption by lift irrigation projects at 11 kV and 33 kV level. While TGNPDCL adopted 2% growth, TGSPDCL adopted 10% growth. At the same time, they did not provide any rationale for the growth rates adopted. They have adopted manual growth rate as “historical CAGR is erratic” They should be having information on ground level situation of lift irrigation schemes and the same should have been taken into account.

## Petitioner's Replies

### Metered Sales

3.2.25 TGDISCOMs submitted that the growth rates should not be derived by comparing approved sales of one year with actuals of another, as this ignores the variation between approved and actual figures. For instance, approved sales for FY 2024-25 were 74,047 MU, while actual sales were 78,226 MU *i.e.*, variation of 5.6%. Using approved values for one year and actuals for another can make growth appear artificially low or high. Therefore, comparisons should be made with actual sales data. On this basis, effective growth rate for FY 2026-27 is about 7.3% for FY 2024-25 which aligns with normal historical trends. Consumption in first half of FY 2025-26 was low due to an extended monsoon, resulting in a suppressed baseline. Accordingly, TGDISCOMs used FY 2024-25, a normal operational year, to compute CAGR for projecting FY 2026-27 sales. While growth calculated against the lower FY 2025-26 consumption appears higher at about 11.5%, the 7.3% growth calculated against FY 2024-25 is realistic and reasonable.

3.2.26 TGDISCOMs submitted that, the objectors considered growth only up to FY 2023-24. If this analysis is extended by two additional years, the following growth rates can be seen:

| Year       | SP     | NP     | State  | Growth rate |
|------------|--------|--------|--------|-------------|
| FY 2021-22 | 42,578 | 18,642 | 61,220 | -           |
| FY 2022-23 | 47,551 | 19,250 | 66,801 | 9.12%       |
| FY 2023-24 | 53,379 | 21,064 | 74,443 | 11.44%      |
| FY 2024-25 | 56,183 | 22,043 | 78,226 | 5.08%       |
| FY 2025-26 | 57,089 | 23,741 | 80,830 | 3.33%       |
| FY 2026-27 | 63,753 | 26,371 | 90,124 | 7.34%       |

3.2.27 In this context, the projected FY 2026–27 growth rate of 7.3% remains well within the normal range and aligns with past consumption behaviour. Additionally, it is important to note that the PM e-Drive initiative is expected to contribute to incremental energy demand.

3.2.28 For HT VIII (RESCO), the growth rate has been aligned with the growth trend of the corresponding LT consumers, as RESCO consumers essentially consists of LT category consumers. This approach ensures consistency with actual consumption patterns. For HT III (airports, railways and bus stations), growth rates adopted are

modest and based on historic CAGR values. In the case of NPDCL, a conservative growth rate of approximately 2% has been considered for 11 kV consumers. For SPDCL, growth rates are based on historic CAGRs, and only moderate values have been considered. Although higher 3-year and 4-year CAGRs were available, the DISCOM has adopted appropriate CAGR to ensure projections are reasonable and not overestimated.

- 3.2.29 TGDISCOMs submitted that, for HT I(A) 132 kV Projections: FY 25 (Actuals): 4551.70 MU, FY 26 (Projections): 4741.41 MU, FY 27 (Projections): 4984.80 MU. The projections are consistent and there is no erroneous reduction. The values filed are based on historical demand patterns and expected growth.

### Agricultural sales

- 3.2.30 With respect to LT-V (Agriculture) sales, TGDISCOMs have followed the methodology adopted by the Commission. Agricultural sales for FY 2026-27 have been estimated based on 12 hours of daily supply and 180 operational days per year, using the connected load indicated in the ARR filings. Details of existing and expected load is also mentioned in the filings. Since, the nature of agricultural consumption is similar in both DISCOM areas, the same approach has been uniformly applied. This method has been adopted based on the Commission's approach in earlier ARR orders. As mentioned in the Commission's analysis:

*“Commission's analysis & findings: 3.4.39 The growth rates of actual agricultural contracted demands for the 4 years period before FY 2023-24 vis-à-vis the agricultural demand projected by TGDISCOMs for FY 2025-26 were analysed. LT-V Agricultural sales for FY 2025-26 were determined based on the demand claimed by TGDISCOMs in their petitions. For this purpose, an average operational period of 180 days per annum was considered for both the DISCOMs and an average daily operation time of 12 hours and 10 hours were considered for TGSPDCL and TGNPDCL respectively.”*

- 3.2.31 Load and Sales Projections for FY 2026-27

| Particulars                                                    | NPDCL     | SPDCL     |
|----------------------------------------------------------------|-----------|-----------|
| Load Projections (HP)                                          | 7,421,344 | 8,205,026 |
| Load Projections (MW)                                          | 5,536     | 6,121     |
| Sales Projections (MU)<br>(Load in MW*12*180/10 <sup>3</sup> ) | 11,958    | 15,425    |



3.2.32 TGDISCOMs submitted that, while connections and connected load tend to show a steady, linear increase. Whereas, actual agricultural consumption does not follow the same pattern. Agricultural sales are significantly influenced by seasonality, weather conditions, and actual demand at the field level. Comparison by objector was till FY 2023-24. However, going back up to FY 2021-22 confirms that agricultural consumption does not exhibit a smooth growth trend.

| DISCOM |             | FY 22  | FY 23  | FY 24  | FY 25  | FY 26  | FY 27  |
|--------|-------------|--------|--------|--------|--------|--------|--------|
| NP     | Sales (MU)  | 7,420  | 7,868  | 9,447  | 9,493  | 10,568 | 11,962 |
|        | Growth rate |        | 6%     | 20%    | 0.5%   | 11%    | 13%    |
| SP     | Sales (MU)  | 11,724 | 12,127 | 15,707 | 15,209 | 14,140 | 15,428 |
|        | Growth rate |        | 3%     | 30%    | -3.2%  | -7%    | 9%     |

3.2.33 Regarding Directive No. 9&11 issued in RSTO for FY 2025-26, the TGDISCOMs have been holding regular meetings with farmer groups to promote shifting agricultural pumping to non-peak hours and to encourage the use of proper capacitors for grid stability. These awareness efforts are ongoing; however, due to the seasonal and irrigation-dependent nature of agricultural usage, it is not presently possible to quantify exactly how much consumption occurs only during non-peak hours. Along with pursuance for participation in RDSS, the TGDISCOMs are examining the option of providing DTR-level metering, and once implemented, it will enable more accurate assessment of consumption patterns.

3.2.34 TGNPDCL submitted that, an independent study on the methodology for estimation of agricultural sales has already been undertaken earlier by the Indian Statistical Institute (ISI). ISI had recommended a stratified random sampling methodology for estimation of agricultural consumption, which has been adopted by the DISCOM. Accordingly, agricultural consumption is being assessed based on the approved methodology. TGDISCOMs shall abide by the Commission's decision in this regard.

3.2.35 TGDISCOMs submitted that they have already considered the generation from solarization of agricultural pump-sets under component-A & component-C of PM KUSUM and Roof-top solarization under PM Surya Ghar under power purchase estimation for FY 2026-27 as per the capacities expected to be commissioned in the said financial year.

3.2.36 With regard to the reference made to the Electricity (Rights of Consumers) Rules, 2020

dated 31.12.2020, TGDISCOMs submitted that the said Rules provide the general framework relating to consumer rights and metering. However, agricultural service connections in the State are presently governed by specific policy directions of the State Government under which supply to agriculture is being extended in accordance with approved norms.

- 3.2.37 TGDISCOMs further submitted that the classification of certain agricultural services as “unmetered” in the ARR projections is primarily for billing and subsidy accounting purposes under the prevailing tariff structure. The same does not imply any deliberate violation of statutory provisions. The TGDISCOMs are implementing metering in a phased manner in accordance with directions issued by the appropriate authorities and subject to availability of approved schemes, regulatory approvals, and funding support.
- 3.2.38 Therefore, the mere projection of new agricultural connections under the existing unmetered category for FY 2026-27 cannot be construed as a violation of the aforesaid Rules. The DISCOM remains committed to complying with all applicable statutory provisions and regulatory directions as may be issued from time to time by the appropriate authorities.
- 3.2.39 The TGDISCOMs have proposed to undertake segregation of agricultural feeders under the RDSS program to enable better monitoring and accurate accounting of agricultural consumption subject to approval from GOI.
- 3.2.40 As regards metering and energy accounting, it is submitted that 100% feeder metering have already been completed to improve energy audit and loss estimation. Even in the case of agricultural services categorized as unmetered for billing purposes, consumption assessment is carried out based on approved norms, load studies, and sample metering, as per the methodology approved by the Commission. Therefore, the assertion that actual distribution losses cannot be ascertained is factually incorrect.
- 3.2.41 TGDISCOMs further submitted that, with respect to feeder-level metering, accurate estimation of agricultural consumption is not currently feasible due to mixed feeders. Even if non-agricultural consumption and estimated losses were deducted from feeder readings, the results would still be approximate, as losses at 11 kV, DT, and LT levels vary. Accurate assessment requires dedicated metering infrastructure, which is planned under the RDSS program. TGDISCOMs are actively pursuing with the government for participation in the RDSS scheme.



- 3.2.42 Agricultural consumption, though categorised as unmetered for billing purposes in certain segments, is not arbitrarily assumed. It is assessed based on: Connected load and number of services, Hours of supply, Feeder-wise energy input, Sample metering studies, Norms approved by the Commission.
- 3.2.43 The hypothetical illustration that the same power purchase quantum (e.g., 140 MU) can yield drastically different distribution loss levels does not reflect the actual regulatory process. Loss determination is not a residual or discretionary figure; it is computed after detailed energy balance analysis. Any abnormal variation in loss levels is examined by the Commission against approved targets, and deviations are treated as controllable or uncontrollable, as per the applicable Regulations. Accordingly, the estimation of unmetered agricultural sales is neither arbitrary nor masking losses, rather, it is derived from a methodology that is duly approved by the Commission, linked to connected load and supply parameters, and field conditions.
- 3.2.44 TGDISCOMs submitted that, with regard to the Integrated Rating ('C-'): the Integrated Rating exercise is a composite assessment covering multiple financial and operational parameters. The rating is not a standalone indicator of operational inefficiency of the TGDISCOMs. With regard to AT&C Loss of 18.51% vis-à-vis All-India Average: the comparison with All-India Average (15.04%) is not appropriate without considering structural differences in consumer mix and network characteristics. TGSPDCL services a substantial agricultural and rural consumer base, with dispersed load and long LT network, which inherently impacts technical losses. Loss levels are determined and monitored in accordance with targets approved by the Commission. The TGDISCOM has been undertaking continuous loss-reduction measures. With regard to ACS-ARR Gap (Rs. 1.14/kWh on cash basis): the gap is examined by the Commission during ARR and True-up proceedings and addressed in accordance with regulatory principles.

### **Lift irrigation projects**

- 3.2.45 The sales of TGDISCOMs have been determined independently based on their respective historical actual sales and growth rates and hence the sales pattern of both TGDISCOMs needs to be looked at independently.
- 3.2.46 Few units linked to Kaleshwaram Lift Irrigation Project (KLIP) are non-functional and remain unchanged since FY 2024-25. There has been no additional reduction in



operational usage thereafter. Hence, FY 2024-25 actuals already capture the impact of the same. KLIP is predominantly present in TGNPDCL territory which explains the relatively moderated growth *i.e.*, 2% TGNPDCL compared to 10% (for 11 kV and 33 kV) and 5% (for 132 kV) in TGSPDCL.

- 3.2.47 TGDISCOMs submitted that historically LIS sales have been erratic (This is not specific to this year, Same is the case for previous years) and that appropriate growth rate has been considered for projecting FY 2026-27 sales.

### ***Commission's analysis & findings***

- 3.2.48 The Commission has taken note that the projection of metered sales for FY 2026–27 must be based on a balanced assessment of historical trends, actual consumption, and prevailing conditions. While stakeholders have raised concerns regarding high projected growth, the Commission observes that reliance solely on comparisons between approved and actual figures may lead to distorted conclusions. At the same time, the Commission finds merit in the concern that the projected growth appears higher when compared to recent years and therefore requires careful scrutiny.
- 3.2.49 With regard to category-wise projections, the Commission observes that the TGDISCOMs have not provided adequate and consistent justification for the selection of specific growth rates or CAGRs across consumer categories. The use of 'manual growth rates' without clear rationale reduces transparency and makes it difficult to validate projections. The Commission therefore emphasizes the need for a more robust, data-driven methodology, linking projections clearly with historical trends, economic activity, and consumer behaviour.
- 3.2.50 On agricultural consumption, the Commission acknowledges the inherent challenges in estimating unmetered sales, particularly in a system with a large share of agricultural load supplied under subsidized tariffs and has taken note that such an approach is sensitive to assumptions and may lead to over- or under-estimation. The absence of universal metering, especially at DTR level, continues to be a significant limitation in accurate energy accounting.
- 3.2.51 The Commission also takes note of the concerns regarding continued reliance on unmetered agricultural consumption. Considering the Government of Telangana approving establishment of third DISCOM in addition to the existing TGSPDCL and

TGNPDCL in the state vide G.O.Ms.No. 44 dated 17.12.2025, matters relating to agricultural sales will be dealt subsequently.

- 3.2.52 Regarding lift irrigation consumption, the Commission acknowledges the suggestion that projections should reflect the actual operational status of major projects, including constraints affecting their utilization.
- 3.2.53 It was observed that the TGDISCOMs have adopted 'trend method' for projecting the category-wise sales of FY 2026-27 by applying category-wise CAGR over the actual sales of FY 2024-25. For few categories where historical CAGR was very erratic, manual growth rate was applied. Additionally, TGNPDCL has arrived at agricultural sales for FY 2026-27 by considering the connected agricultural load & new service connections and additional loads for LT-IX under PM E-Drive Scheme.
- 3.2.54 However, considering the availability of actual sales for FY 2025-26 (H<sub>1</sub>) the Commission finds it prudent to consider the same and adopted the methodology given below for projecting sales for FY 2026-27.
- 3.2.55 Category-wise sales for FY 2025-26 (H<sub>2</sub>) were computed by adopting the compounded annual growth rates (CAGR) of actual H<sub>2</sub> sales for 5-years, 4-years, 3-years, 2-years and 1-year preceding FY 2024-25 over actual sales of FY 2024-25 (H<sub>2</sub>) after requisite due diligence. Actual sales of FY 2025-26 (H<sub>1</sub>) and projected sales of FY 2025-26(H<sub>2</sub>) were added to arrive at total sales for FY 2025-26.
- 3.2.56 Suitable CAGR were applied over the total sales computed for FY 2025-26 for the purpose of determining total sales for FY 2026-27, including projected additional loads, based on the following:
- CAGR of total sales for 6-years, 5-years, 4-years, 3-years, 2-years and 1-year preceding FY 2025-26.
  - CAGR of actual H<sub>1</sub> sales of FY 2025-26 over FY 2024-25.
  - Where erratic or negative growth rates were identified, nominal growth rates were considered.
- 3.2.57 Considering the importance of electric vehicle charging stations and to encourage their penetration, the sales claimed by TGDISCOMs for EV Charging Stations have been approved as claimed.

3.2.58 For TGNPDCL, total sales under HT-VIII RESCO category for FY 2026-27 were determined by grossing up the approved sales of CESS for FY 2026-27 with the distribution losses approved for FY 2026-27.

3.2.59 LT-V Agricultural sales for FY 2026-27 were determined based on the number of services and connected load claimed by TGDISCOMs in their petitions. For this purpose, an average operational period of 180 days per annum was considered for both the DISCOMs and an average daily operation time of 12 hours and 10 hours were considered for TGSPDCL and TGNPDCL respectively in line with the methodology being adopted in the earlier orders.

**Table 3-1: Category-wise growth rates (%) & Sales (MUs) approved for TGSPDCL**

| Consumer Category           |                                             | Claimed          | Approved          |         |                  |
|-----------------------------|---------------------------------------------|------------------|-------------------|---------|------------------|
|                             |                                             | MUs              | Growth rate       | CAGR    | MUs              |
| <b>LT Category</b>          |                                             |                  |                   |         |                  |
| LT-I                        | Domestic                                    | 13,523.36        | 10.00%            | Nominal | 13,355.64        |
| LT-II                       | Non-Domestic/Commercial/ Others             | 4,662.18         | 13.46%            | 4-year  | 4,640.45         |
| LT-III                      | Industrial                                  | 1,044.81         | 2.95%             | 4-year  | 1,032.02         |
| LT-IV                       | Cottage Industries                          | 9.37             | 0.21%             | 4-year  | 9.07             |
| LT-V                        | Agricultural                                | 15,428.12        | Refer para 3.2.59 |         | 13,224.44        |
| LT-VI                       | Street Lighting & PWS                       | 496.33           | 1.83%             | 4-year  | 505.99           |
| LT-VII                      | General Purpose                             | 118.38           | 14.69%            | 4-year  | 121.65           |
| LT-VIII                     | Temporary Supply                            | 213.18           | 20.44%            | 4-year  | 208.51           |
| LT-IX                       | EV Charging Stations                        | 108.05           | 50.00%            | Nominal | 15.69            |
| <b>Sub-total (LT)</b>       |                                             | <b>35,603.78</b> |                   |         | <b>33,113.46</b> |
| <b>HT Category at 11 kV</b> |                                             |                  |                   |         |                  |
| HT-I(A)                     | Industry                                    | 4,850.74         | 5.27%             | 5-year  | 4,849.44         |
| HT-I(A)                     | HMWSSB                                      | 49.21            |                   |         |                  |
| HT-I(B)                     | Ferro Alloys                                | 1.99             | 0.00%             | Nominal | 0.99             |
| HT-II(A)                    | Others (Commercial)                         | 2,737.18         | 12.72%            | 4-year  | 2,727.28         |
| HT-II(B)                    | Wholly Religious Places                     | 0.51             | 2.63%             | 1-year  | 0.41             |
| HT-III                      | Airports, Bus Stations and Railway Stations | 7.74             | 14.67%            | 4-year  | 6.72             |
| HT-IV(A)                    | Irrigation & Agriculture                    | 47.05            | 0.69%             | 4-year  | 43.14            |
| HT-IV(B)                    | CPWS Schemes                                | 139.00           | 0.99%             | 4-year  | 140.42           |
| HT-VA                       | Railway Traction                            | 0.00             | -                 | -       | -                |
| HT-VB                       | HMR                                         | 0.00             | -                 | -       | -                |
| HT-VI                       | Townships and Residential Colonies          | 383.02           | 20.67%            | 4-year  | 379.49           |
| HT-VII                      | Temporary Supply                            | 357.25           | 25.76%            | 4-year  | 366.71           |
| HT-VIII                     | RESCOs                                      | 0.00             | -                 | -       | -                |
| HT-IX                       | EV Charging Stations                        | 60.97            | Refer para 3.2.57 |         | 60.97            |
| <b>Sub-total</b>            |                                             | <b>8,634.66</b>  |                   |         | <b>8,575.56</b>  |



| Consumer Category            |                                             | Claimed          | Approved          |         |                  |
|------------------------------|---------------------------------------------|------------------|-------------------|---------|------------------|
|                              |                                             | MUs              | Growth rate       | CAGR    | MUs              |
| <b>HT Category at 33 kV</b>  |                                             |                  |                   |         |                  |
| HT-I(A)                      | Industry                                    | 7,786.84         | 13.98%            | 5-year  | 7,839.34         |
| HT-I(A)                      | HMWSSB                                      | 62.21            |                   |         |                  |
| HT-I(B)                      | Ferro Alloys                                | 0.00             | -                 | -       | -                |
| HT-II(A)                     | Others (Commercial)                         | 1,935.47         | 19.23%            | 4-year  | 1,922.24         |
| HT-II(B)                     | Wholly Religious Places                     | 4.95             | 6.71%             | 2-year  | 4.64             |
| HT-III                       | Airports, Bus Stations and Railway Stations | 0.00             | -                 | -       | -                |
| HT-IV(A)                     | Irrigation & Agriculture                    | 57.65            | 27.66%            | 5-year  | 62.81            |
| HT-IV(B)                     | CPWS Schemes                                | 288.33           | 4.52%             | 4-year  | 286.48           |
| HT-V(A)                      | Railway Traction                            | 0.00             | -                 | -       | -                |
| HT-VB                        | HMR                                         | 0.00             | -                 | -       | -                |
| HT-VI                        | Townships and Residential Colonies          | 204.11           | 15.74%            | 4-year  | 206.86           |
| HT-VII                       | Temporary Supply                            | 33.10            | 0.00%             | Nominal | 31.81            |
| HT-VIII                      | RESCOs                                      | 0.00             | -                 | -       | -                |
| HT-IX                        | EV Charging Stations                        | 6.01             | Refer para 3.2.57 |         | 6.01             |
| <b>Sub-total</b>             |                                             | <b>10,378.67</b> |                   |         | <b>10,360.20</b> |
| <b>HT Category at 132 kV</b> |                                             |                  |                   |         |                  |
| HT-I(A)                      | Industry                                    | 4,984.80         | 9.37%             | 4-year  | 4,984.79         |
| HT-I(A)                      | HMWSSB                                      | 1,218.14         |                   |         |                  |
| HT-I(B)                      | Ferro Alloys                                | 0.00             | -                 | -       | -                |
| HT-II(A)                     | Others (Commercial)                         | 521.79           | 65.98%            | 4-year  | 514.14           |
| HT-II(B)                     | Wholly Religious Places                     | 0.00             | -                 | -       | -                |
| HT-III                       | Airports, Bus Stations and Railway Stations | 181.92           | 29.50%            | 4-year  | 172.64           |
| HT-IV(A)                     | Irrigation & Agriculture                    | 2,334.15         | 1.50%             | Manual  | 2,340.86         |
| HT-IV(B)                     | CPWS                                        | 314.44           | 5.62%             | 4-year  | 313.75           |
| HT-VA                        | Railway Traction                            | 671.72           | 10.25%            | 2-year  | 670.59           |
| HT-VB                        | HMR                                         | 126.09           | 13.97%            | 4-year  | 126.10           |
| HT-VI                        | Townships and Residential Colonies          | 0.00             | -                 | -       | -                |
| HT-VII                       | Temporary Supply                            | 0.00             | -                 | -       | -                |
| HT-VIII                      | RESCOs                                      | 0.00             | -                 | -       | -                |
| HT-IX                        | EV Charging Stations                        | 1.27             | Refer para 3.2.57 |         | 1.27             |
| <b>Sub-total</b>             |                                             | <b>9,136.17</b>  |                   |         | <b>9,124.16</b>  |
| <b>Sub-total (LT)</b>        |                                             | <b>35,603.78</b> |                   |         | <b>33,113.46</b> |
| <b>Sub-total (HT)</b>        |                                             | <b>28,149.51</b> |                   |         | <b>28,059.92</b> |
| <b>Grand Total</b>           |                                             | <b>63,753.28</b> |                   |         | <b>61,173.37</b> |

**Table 3-2: Category-wise growth rates (%) & Sales (MUs) approved for TGNPDCL**

| Consumer Category           |                                             | Claimed       | Approved          |         |                  |
|-----------------------------|---------------------------------------------|---------------|-------------------|---------|------------------|
|                             |                                             | MUs           | Growth rate       | CAGR    | MUs              |
| <b>LT Category</b>          |                                             |               |                   |         |                  |
| LT-I                        | Domestic                                    | 5,294         | 10.00%            | Nominal | 5,224.67         |
| LT-II                       | Non-Domestic/Commercial/Others              | 1,180         | 9.67%             | 4-year  | 1,180.26         |
| LT-III                      | Industrial                                  | 252           | 1.36%             | 4-year  | 252.26           |
| LT-IV                       | Cottage Industries                          | 9.03          | 1.84%             | 4-year  | 8.96             |
| LT-V                        | Agricultural                                | 11,962        | Refer para 3.2.59 |         | 9,969.16         |
| LT-VI                       | Street Lighting & PWS                       | 405           | 2.94%             | 4-year  | 398.16           |
| LT-VII                      | General Purpose                             | 95            | 23.80%            | 4-year  | 98.27            |
| LT-VIII                     | Temporary Supply                            | 17.72         | 33.95%            | 4-year  | 21.60            |
| LT-IX                       | EV Charging Stations                        | 33.03         | 100.00%           | Nominal | 33.98            |
| <b>Sub-total (LT)</b>       |                                             | <b>19,248</b> |                   |         | <b>17,187.32</b> |
| <b>HT Category at 11 kV</b> |                                             |               |                   |         |                  |
| HT-I(A)                     | Industry                                    | 1,217         | 5.58%             | 4-year  | 1,212.86         |
| HT-I(A)                     | HMWSSB                                      | 0             |                   |         |                  |
| HT-I(B)                     | Ferro Alloys                                | 0             | -                 | -       | -                |
| HT-II(A)                    | Others (Commercial)                         | 297           | 18.23%            | 4-year  | 304.37           |
| HT-II(B)                    | Wholly Religious Places                     | 0.38          | 15.03%            | 1-year  | 0.46             |
| HT-III                      | Airports, Bus Stations and Railway Stations | 8.3           | 2.85%             | 4-year  | 8.22             |
| HT-IV(A)                    | Irrigation & Agriculture                    | 29            | 6.95%             | 4-year  | 34.43            |
| HT-IV(B)                    | CPWS Schemes                                | 169           | 3.54%             | 4-year  | 169.25           |
| HT-VA                       | Railway Traction                            | 0             | -                 | -       | -                |
| HT-VB                       | HMR                                         | 0             | -                 | -       | -                |
| HT-VI                       | Townships and Residential Colonies          | 10            | -0.29%            | 4-year  | 8.62             |
| HT-VII                      | Temporary Supply                            | 14            | -15.33%           | 4-year  | 9.25             |
| HT-VIII                     | RESCOs                                      | 1,545         | Refer para 3.2.58 |         | 1,107.10         |
| HT-IX                       | EV Charging Stations                        | 0             | -                 | -       | -                |
| <b>Sub-total</b>            |                                             | <b>3,288</b>  |                   |         | <b>2,854.57</b>  |
| <b>HT Category at 33 kV</b> |                                             |               |                   |         |                  |
| HT-I(A)                     | Industry                                    | 279           | 6.98%             | 5-year  | 282.14           |
| HT-I(A)                     | HMWSSB                                      | 0             |                   |         |                  |
| HT-I(B)                     | Ferro Alloys                                | 39            | 0.00%             | Nominal | 38.09            |
| HT-II(A)                    | Others (Commercial)                         | 16            | 13.09%            | 4-year  | 18.81            |
| HT-II(B)                    | Wholly Religious Places                     | 0             | -                 | -       | -                |
| HT-III                      | Airports, Bus Stations and Railway Stations | 0             | -                 | -       | -                |
| HT-IV(A)                    | Irrigation & Agriculture                    | 34            | 5.96%             | 5-year  | 45.62            |
| HT-IV(B)                    | CPWS Schemes                                | 391           | 3.55%             | 4-year  | 388.45           |
| HT-V(A)                     | Railway Traction                            | 0             | -                 | -       | -                |
| HT-VB                       | HMR                                         | 0             | -                 | -       | -                |
| HT-VI                       | Townships and Residential Colonies          | 44            | 7.10%             | 4-year  | 42.25            |

| Consumer Category            |                                             | Claimed          | Approved          |         |                  |
|------------------------------|---------------------------------------------|------------------|-------------------|---------|------------------|
|                              |                                             | MUs              | Growth rate       | CAGR    | MUs              |
| HT-VII                       | Temporary Supply                            | 8.1              | 0.00%             | Nominal | 6.96             |
| HT-VIII                      | RESCOs                                      | 0                | -                 | -       | -                |
| HT-IX                        | EV Charging Stations                        | 52               | Refer para 3.2.57 |         | 51.69            |
| <b>Sub-total</b>             |                                             | <b>862</b>       |                   |         | <b>874.01</b>    |
| <b>HT Category at 132 kV</b> |                                             |                  |                   |         |                  |
| HT-I(A)                      | Industry                                    | 669              | 0.00%             | Nominal | 706.03           |
| HT-I(A)                      | HMWSSB                                      | 0                |                   |         |                  |
| HT-I(B)                      | Ferro Alloys                                | 0                | -                 | -       | -                |
| HT-II(A)                     | Others (Commercial)                         | 7                | 12.46%            | 4-year  | 7.81             |
| HT-II(B)                     | Wholly Religious Places                     | 0                | -                 | -       | -                |
| HT-III                       | Airports, Bus Stations and Railway Stations | 0                | -                 | -       | -                |
| HT-IV(A)                     | Irrigation & Agriculture                    | 1,543            | 4.27%             | 2-year  | 1,464.59         |
| HT-IV(B)                     | CPWS                                        | 31               | 3.76%             | 4-year  | 31.52            |
| HT-VA                        | Railway Traction                            | 655              | 1.00%             | Nominal | 668.40           |
| HT-VB                        | HMR                                         | 0                | -                 | -       | -                |
| HT-VI                        | Townships and Residential Colonies          | 66               | 0.00%             | Nominal | 59.57            |
| HT-VII                       | Temporary Supply                            | 0                | -                 | -       | -                |
| HT-VIII                      | RESCOs                                      | 0                | -                 | -       | -                |
| HT-IX                        | EV Charging Stations                        | 0                | -                 | -       | -                |
| <b>Sub-total</b>             |                                             | <b>2,972</b>     |                   |         | <b>2,937.92</b>  |
| <b>Sub-total (LT)</b>        |                                             | <b>19,248</b>    |                   |         | <b>17,187.32</b> |
| <b>Sub-total (HT)</b>        |                                             | <b>7,122.71</b>  |                   |         | <b>6,666.50</b>  |
| <b>Grand Total</b>           |                                             | <b>26,370.77</b> |                   |         | <b>23,853.82</b> |

3.2.60 **Annexure III** to this order provides monthly consumer category-wise approved sales for FY 2026-27.

3.2.61 **Annexure IV** to this order provides slab-wise approved sales for FY 2026-27.

### 3.3 ENERGY REQUIREMENT

#### **TGDISCOMs' Filings**

3.3.1 For projection of energy input for FY 2026-27, TGDISCOMs considered the loss trajectory as approved by the Commission in the MYT Order for ARR of Retail Supply Business Order for 5<sup>th</sup> CP.

**Table 3-3 : Voltage wise Losses (%) claimed by TGDISCOMs**

| Losses (%) | TGSPDCL | TGNPDCL |
|------------|---------|---------|
| LT         | 4.60%   | 4.60%   |
| 11 kV      | 4.01%   | 3.68%   |
| 33 kV      | 3.14%   | 2.95%   |



- 3.3.2 TGDISCOs have considered transmission losses (TGTRANSCO) of 2.44% for projecting the energy requirement for FY 2026-27, as approved by the Commission, in its Order of ARR for Retail Supply Business for the Control Period of FY 2024-25 to FY 2028-29 dated 28.10.2024.
- 3.3.3 TGDISCOs have considered Inter-State Transmission (PGCIL) losses of 3.67% for projecting the energy requirement for FY 2026-27 based on average losses for FY 2024-25.
- 3.3.4 TGDISCOs submitted that the demand for FY 2026-27 was projected based on the block-wise demand data obtained from SLDC for FY 2024-25 and that the demand data for FY 2026-27 was projected at hour-level based energy requirement (based on sales grossed up by losses) as computed in the table below.
- 3.3.5 The energy requirement for FY 2026-27 estimated by TGDISCOs duly considering the above projected sales and losses is tabulated below:

**Table 3-4: Energy Requirement (in MUs) claimed by TGDISCOs**

| Particulars                                       | Units     | FY 2026-27<br>(Projections) |               |
|---------------------------------------------------|-----------|-----------------------------|---------------|
|                                                   |           | TGSPDCL                     | TGNPDCL       |
| LT sales                                          | MU        | 35,604                      | 19,248        |
| Annual LT loss                                    | %         | 4.60%                       | 4.60%         |
| LT losses                                         | MU        | 1,717                       | 928           |
| <i>Energy Requirement at LT level</i>             | <i>MU</i> | <i>37,321</i>               | <i>20,176</i> |
| 11 kV sales                                       | MU        | 8,635                       | 3,288         |
| Annual 11 kV loss                                 | %         | 4.01%                       | 3.68%         |
| 11 kV losses                                      | MU        | 1,920                       | 896           |
| <i>Energy Requirement at 11 kV level</i>          | <i>MU</i> | <i>47,875</i>               | <i>24,361</i> |
| 33 kV sales                                       | MU        | 10,379                      | 862           |
| Annual 33 kV loss                                 | %         | 3.14%                       | 2.95%         |
| 33 kV losses                                      | MU        | 1,888                       | 767           |
| <i>Energy Requirement at 33 kV level</i>          | <i>MU</i> | <i>60,142</i>               | <i>25,990</i> |
| 132 kV sales                                      | MU        | 9,136                       | 2,972         |
| <i>Energy Requirement at 132 kV level</i>         | <i>MU</i> | <i>69,278</i>               | <i>28,962</i> |
| Cumulative Distribution losses                    | MU        | 5,525                       | 2,591         |
| Cumulative Distribution losses (incl. EHT sales)  | %         | 7.98%                       | 8.95%         |
| Intra-state Transmission losses                   | MU        | 1,733                       | 724           |
| Intra-state Transmission losses                   | %         | 2.44%                       | 2.44%         |
| Inter-state Transmission losses                   | MU        | 905                         | 379           |
| Inter-state Transmission losses                   | %         | 3.67%                       | 3.67%         |
| Cumulative Transmission losses- TGTRANSCO & PGCIL | MU        | 2,637                       | 1,103         |
| <i>Total Energy Requirement</i>                   | <i>MU</i> | <i>71,916</i>               | <i>30,065</i> |

| Particulars                     | Units     | FY 2026-27<br>(Projections) |               |
|---------------------------------|-----------|-----------------------------|---------------|
|                                 |           | TGSPDCL                     | TGNPDCL       |
| Total T&D losses                | MU        | 8,162                       | 3,695         |
| Total T&D losses                | %         | 11.3%                       | 12.3%         |
| <b>Total Sales</b>              | <b>MU</b> | <b>63,753</b>               | <b>26,371</b> |
| <b>Total Energy Requirement</b> | <b>MU</b> | <b>71,916</b>               | <b>30,065</b> |

### *Stakeholders' Submissions*

- 3.3.6 Stakeholders submitted that the Commission, through Directive No.17, has directed the TGDISCOMs to come up with reasons for T&D losses, detailed mechanism for reducing losses, efforts being employed to reduce the losses and bring the same to national average or less than that. While TGNPDCL has given the steps it is taking for reduction of line losses and data of percentage of losses, TGSPDCL has stated that it has submitted the details to the Commission on 16.10.2025.
- 3.3.7 Stakeholders submitted that, TGDISCOMs have projected average cost of power purchase for 2026-27 as Rs. 5.35 per unit. The projected T&D losses work out to Rs. 6,343.50 crore. Even the projected losses have to be seen in the background of questionable projection of sales to agriculture which gives scope for showing a part of T&D losses as sale to agriculture. If the TGDISCOMs cannot sell the projected surplus power of 2,985 MU fully or partly, the average cost of power purchase would increase, adding to the true-up claims to be made for 2026-27. In view of ever-increasing costs of transmission and distribution networks, the Commission is requested to determine targets of reduction in T&D losses for next financial year, notwithstanding what it determined the same in the MYT orders for the 5<sup>th</sup> control period.
- 3.3.8 Stakeholder submitted that as per para 3.23 of RST Order FY 2025-26 read with Clause 14.4 of MYT Regulation 2 of 2023, 50% of controllable losses is to be shared between TGDISCOMs and consumers. For FY 2026-27 TGSPDCL filing shows approved loss levels but no evidence of 50:50 implementation and full pass-through is made to consumers without any controllable loss segregation. Controllable losses are around ~3.5–4.0% of total losses (~8.08% approved) which gives an unshared burden of Rs. 68.75–77 crores annually and a 5-year cumulative impact of Rs. 343.75–385 crores. Commission is requested to disallow 50% of controllable losses (~Rs. 68–77 crores/year) and to require feeder/DT-wise loss audit.
- 3.3.9 Stakeholders submitted that TGNPDCL claimed AT&C loss reduction to ~15%, which



is driven by inflated estimates of unmetered agricultural consumption rather than metered data. While Tariff Order 2025-26 directed 100% agricultural DTR metering mandated, actual compliance is NIL. Such unmetered consumption masks actual commercial losses and the reported loss figures lack credibility. Further, the projected demand growth of 8–9% against actual historical growth of 4–5% will have the risk of having stranded capacity charges if overestimation leads to excess PPAs. Therefore, the Commission is requested to (a) accept AT&C loss levels only to extent supported by feeder/DTR metering and energy-audit data, (b) mandate time-bound metering targets with quarterly compliance reporting and financial penalties for non-achievement, (c) require realistic demand forecasts with mid-term corrections and adjustment mechanisms and (d) Ring-fence stranded-capacity costs to prevent consumer liability for forecasting errors.

- 3.3.10 Stakeholders have submitted that more than one tenth of power procured is going waste due to T&D losses. T&D loss levels recorded during the FY 2025-26 are higher than that projected as a part of the ARR of that FY. T&D loss levels projected by TGDISCOMs for FY 2026-27 are higher than the T&D loss levels recorded during the previous FY. These high T&D losses are taking place even after substantial investments in men and materials to strengthen and expand T&D network. Lower T&D losses imply lower power requirement and lower power procurement costs.
- 3.3.11 The Commission through the Order on ARR of Retail Supply Business for 5<sup>th</sup> Control Period dated 28.10.2024 estimated total power requirement during FY 2026-27 to be 92,202 MU. At the same time TGDISCOMs arrived at 1,01,981 MU as their energy requirement during the same year. TGDISCOMs' estimate of energy requirement is 10% higher than that of the Commission. From the above it is quite obvious that TGDISCOMs overestimated power requirement during the FY 2026-27. The same needs to be revised downwards reflecting ground realities.

### ***Petitioner's Replies***

- 3.3.12 TGDISCOMs submitted that the measures being taken for reduction of T&D losses which included segregation of overloaded feeders, curtailment of lengthy feeders, augmentation of overloaded transformer capacity, and diversion of loads from overloaded transformers/feeders have been furnished to the Commission. As mentioned earlier Agricultural sales have been determined as per methodology adopted



by the Commission. The TGDISCOMs also submitted that the ability to sell surplus power depends on real-time market conditions, demand patterns, and system constraints. Projections of surplus power and its sale have been made based on the best available information at the time of filing, taking into account market conditions and expected demand.

- 3.3.13 TGDISCOMs stated that they remain committed to reducing T&D losses through continuous system strengthening, improved metering, and network upgrades and that they will fully comply with T&D loss reduction targets set by the Commission.
- 3.3.14 TGSPDCL submitted that the allegation of “non-implementation” of the loss-sharing mechanism is incorrect and based on self-assumed computations. The sharing of gains/losses arising from deviation of actual losses vis-à-vis approved loss trajectory is in-built in the MYT framework and is applied through the true-up/ true-down process strictly as per the MYT Regulations and the Commission’s methodology. Accordingly, there is no concept of upfront or presumptive ‘disallowance’ in ARR merely because an objector imputes a controllable loss component. Further, segregation of “controllable” and “uncontrollable” loss components is a regulatory determination based on the Commission-approved approach, audited data, and prudence review—not on broad percentage assumptions such as “3.5–4.0%”. The objector’s proposed disallowance of Rs. 68–77 crore is therefore without regulatory basis and cannot be admitted.
- 3.3.15 TGNPDCL submitted that, the Licensee submits that an independent study on the methodology for estimation of agricultural sales was earlier carried out by the Indian Statistical Institute (ISI). ISI recommended a stratified random sampling methodology for estimation of agricultural consumption, which has been adopted by the DISCOM. Accordingly, agricultural consumption and AT&C loss levels are being assessed based on the approved methodology. Demand forecasting is done considering the factors such as – past growth rates, pending new connection applications, expected demand from agricultural category, economic outlook etc. The present regulatory framework has well defined adjustment mechanisms to address the concerns on variation in performance of all key parameters (including demand). The matter of charging for ‘Stranded Capacity Cost’ arises in a scenario where the discoms contract power capacity to supply reliable and quality power to consumers, however the consumer

avails power from other third-party sources, resulting in stranding of capacities. The methodology of charging open access consumers based on the stranded capacity has been well laid by the Commission. TGDISCOMs stated that the question of charging consumers for stranded capacity due to forecasting errors does not arise.

- 3.3.16 TGDISCOMs submitted that voltage wise losses across LT, 11 kV, 33 kV, and intrastate transmission levels are considered in accordance with the loss parameters approved by the Commission in the Order on ARR of the Retail Supply Business for the 5th Control Period dated 28.10.2024. These loss levels continue to be reasonable and prudent in view of prevailing system conditions. Further, interstate transmission losses have been considered based on the historically recorded average loss levels, duly factoring in the projected quantum of power procurement from interstate generating sources. The losses for different voltage levels are considered as per the MYT Tariff order and the difference in overall T&D loss figures is due to the variation in the projected sales mix from the approved numbers in the MYT Order dated 28.10.2024.
- 3.3.17 TGDISCOMs have projected category-wise sales by incrementing the past year sales for FY 2024-25 with the CAGR in previous years keeping into account the new load additions. Further, the Energy requirement of the state is estimated by grossing up the sales projections with the voltage wise losses approved in the Order on ARR of Retail supply business for 5th control period dated 28.10.2024. TGDISCOMs have projected sales based on the latest available consumption trends and new load applications received. This will enable the projected sales to be aligned to the actual sales.

### ***Commission's analysis & findings***

- 3.3.18 The Commission has examined the submissions of stakeholders and responses of the TGDISCOMs regarding T&D and AT&C losses. It is observed that the TGDISCOMs have indicated various technical and operational measures for loss reduction.
- 3.3.19 The Commission also taken note of the concerns raised by the stakeholders regarding the credibility of loss levels in the absence of comprehensive metering, particularly in the agricultural segment. The continued reliance on estimated unmetered consumption introduces uncertainty in energy accounting and creates scope for misclassification between actual losses and agricultural sales. While the TGDISCOMs have stated that estimation is based on approved methodologies, the Commission emphasizes that improvement in metering infrastructure is critical for accurate assessment of both

consumption and losses.

3.3.20 With regard to the issue of sharing of controllable losses true-up exercise is carried out by considering the loss trajectories approved in the MYT order.

3.3.21 *The Commission directs the TGDISCOMs to come up with reasons for such losses, detailed mechanism for reducing losses, efforts being employed to reduce the losses and bring the same to national average or less than that.*

3.3.22 *TGDISCOMs are directed to conduct energy audits on a quarterly basis and submit the audit reports to the Commission within 15 days from the close of each quarter. The TGDISCOMs are further directed to ensure timely availability of quarter-wise energy audit reports in public domain.*

### Distribution Losses

3.3.23 The Commission has considered the voltage-wise distribution losses as approved in the Wheeling MYT order dated 28.10.2024 for the 5<sup>th</sup> Control Period from FY 2024-25 to FY 2028-29 to arrive at total energy requirement for FY 2026-27. The distribution losses considered for projecting the energy input for FY 2026-27 is tabulated below:

**Table 3-5 : Voltage wise losses (%)**

| Losses (%) | TGSPDCL | TGNPDCL |
|------------|---------|---------|
| LT         | 4.60%   | 4.60%   |
| 11 kV      | 4.01%   | 3.68%   |
| 33 kV      | 3.14%   | 2.95%   |

### Intra-State Transmission Losses

3.3.24 The Commission has considered the transmission losses of TGTRANSCO as approved by Commission in the Transmission MYT Order dated 28.10.2024 for the 5<sup>th</sup> Control Period from FY 2024-25 to FY 2028-29 for projecting energy requirement for FY 2026-27.

**Table 3-6 : Intra-State Losses (%)**

| Losses (%)                      | FY 2026-27 |
|---------------------------------|------------|
| Intra-State Transmission Losses | 2.44%      |

### Inter-State Transmission Losses

3.3.25 The Commission has considered the average inter-state transmission losses for FY 2026-27 based on the actual weekly inter-state transmission losses (up to 25<sup>th</sup> January



2026) for projecting energy requirement for FY 2026-27.

**Table 3-7 : Inter-State Losses (%)**

| Losses (%)                            | FY 2026-27 |
|---------------------------------------|------------|
| Inter-State Transmission Loss (PGCIL) | 3.80%      |

**Table 3-8 : Energy Requirement approved for TGDISCOMs (MU)**

| Particulars                                  | Unit      | TGSPDCL          | TGNPDCL          |
|----------------------------------------------|-----------|------------------|------------------|
| LT Sales                                     | MU        | 33,113.46        | 17,187.32        |
| Annual LT Loss                               | %         | 4.60%            | 4.60%            |
| LT Loss                                      | MU        | 1,596.67         | 828.74           |
| <b>Energy Requirement at LT Level</b>        | <b>MU</b> | <b>34,710.12</b> | <b>18,016.06</b> |
| 11 kV Sales                                  | MU        | 8,575.56         | 2,854.57         |
| Annual 11 kV Loss                            | %         | 4.01%            | 3.68%            |
| 11 kV loss                                   | MU        | 1,808.27         | 797.38           |
| <b>Energy Requirement at 11 kV level</b>     | <b>MU</b> | <b>45,093.95</b> | <b>21,668.01</b> |
| 33 kV Sales                                  | MU        | 10,360.20        | 874.01           |
| Annual 33 kV Loss                            | %         | 3.14%            | 2.95%            |
| 33 kV losses                                 | MU        | 1,797.71         | 685.20           |
| <b>Energy Requirement at 33 kV level</b>     | <b>MU</b> | <b>57,251.86</b> | <b>23,227.23</b> |
| 132 kV Sales                                 | MU        | 9,124.16         | 2,937.92         |
| <b>Energy Requirement at 132 kV Level</b>    | <b>MU</b> | <b>66,376.02</b> | <b>26,165.15</b> |
| Intra State Loss                             | %         | 2.44%            | 2.44%            |
| Intra State Loss                             | MU        | 1,660.08         | 654.40           |
| <b>Energy Requirement at State Periphery</b> | <b>MU</b> | <b>68,036.10</b> | <b>26,819.54</b> |
| Inter-State Loss                             | %         | 3.80%            | 3.80%            |
| Inter-State Loss                             | MU        | 722.03           | 289.05           |
| Inter-state Purchase                         | MU        | 19,808.15        | 8,268.60         |
| <b>Energy Requirement at Ex-bus</b>          | <b>MU</b> | <b>68,758.13</b> | <b>27,108.60</b> |

### 3.4 ENERGY AVAILABILITY

#### *TGDISCOMs' Filings*

3.4.1 A summary of the source-wise projections for the net energy availability FY 2026-27 for the state as claimed by TGDISCOMs is mentioned below:

**Table 3-9: Summary of Net Energy Availability (MUs) for the state claimed by TGDISCOMs**

| Generating Station          | FY 2026-27      |
|-----------------------------|-----------------|
| Thermal - TGGENCO           | 55,887          |
| Hydel- TGGENCO              | 3,827           |
| Central Generating Stations | 26,458          |
| NCES                        | 16,526          |
| SEIL                        | 1,886           |
| STPP                        | 8,421           |
| <b>Total</b>                | <b>1,13,006</b> |

- 3.4.2 Intra-state Solar & other NCE sources have been allocated to the TGDISCOMs based on their geographical presence/location. The allocation percentages of TGDISCOMs from all the sources (Except Intra-state solar & other NCE sources) is being done in the ratio of 70.55% to TGSPDCL and 29.45% to TGNPDCL.

### ***Stakeholders' Submissions***

- 3.4.3 Stakeholders submitted that the power availability and demand projections of TGDISCOMs lack consistency and reliability. Despite projecting a surplus of over 11,000 MU for FY 2026–27, the TGDISCOMs still propose significant short-term power purchases (11,641 MU), raising concerns about planning inefficiencies. Past trends show frequent revisions in projections for the same year, wide variations between approved and estimated figures, and substantial increases in actual market purchases compared to approved levels. These inconsistencies have led to higher costs and large true-up claims, placing an additional burden on consumers.
- 3.4.4 A key concern expressed by the stakeholders is the contradiction between surplus projections and continued reliance on costly market purchases. Stakeholders pointed out that TGDISCOMs often back down thermal power (while still paying fixed charges under PPAs) and simultaneously procure power from the market at higher prices. This practice violates the merit order dispatch principle unless properly justified. Moreover, the rationale of considering only variable costs for surplus power sales or market purchases is seen as flawed, as total cost—including fixed charges—must be accounted for to assess economic efficiency.
- 3.4.5 Stakeholders also challenge the justification that fixed costs under PPAs act as “insurance” for energy security. Persistent surplus power, coupled with ongoing market purchases, indicates poor capacity planning rather than prudent risk management. Instead of ensuring stability, excess capacity leads to avoidable fixed costs, backing down of generation, operational inefficiencies in plants, and mounting financial burdens through fuel surcharge adjustments and true-up claims. Evidence from recent years shows large-scale market purchases and thousands of crores in true-up claims, reinforcing these concerns.
- 3.4.6 Further, stakeholders highlighted planning issues in generation expansion and procurement mix. Significant increases in projected generation from new thermal units

(such as YTPS) appear unnecessary when large volumes of existing thermal capacity are being underutilized. At the same time, renewable energy projections have been reduced without justification, and growth in non-conventional energy sources remains minimal despite policy support and cost advantages. This imbalance suggests inadequate alignment with national energy priorities and suboptimal resource planning.

- 3.4.7 Stakeholders have submitted regarding importance of planning power purchase over a 5 or 10-years' time horizon, using modelling studies. The current Resource Plan Order 2023 would have to be revised, considering the many new developments. Modelling studies would help to identify cost optimised capacity addition and dispatch options under different scenarios. Specifically, it can suggest optimal energy storage addition plans and best use of market options to minimise power purchase cost, while maintaining reliable supply. TGGENCO could explore the possibility of increasing the flexibility of coal power plant with some additional marginal investment.
- 3.4.8 The Commission has already initiated the process of Resource Adequacy Regulations and TGDISCOMs are expected to prepare 10-year plans. As many as 15 SERCs have prepared Resource Adequacy Regulations (10-year planning horizon with one-year rolling plans) and some DISCOMs have started preparing RA plans. As soon as these Regulations are finalised, TGDISCOMs could start preparing RA plans.
- 3.4.9 The current petitions do not mention any BESS deployment plan, Pumped Storage operation of existing plants and plans to improve flexible operation of the coal plants. In the absence of such measures, costly market power purchase would be the option to balance demand supply gap. TGDISCOMs are requested to provide the status of commissioning of the 500 MW BESS project of TGGENCO. TGDISCOMs are requested to take up modelling studies to prepare power purchase plans to resource adequacy plans. TGDISCOMs also need to demonstrate that RPO compliance is being done and is in line with the trajectory that has been approved.
- 3.4.10 Telangana has initiated the setting up of distributed solar of about 4,000 MW under KUSUM-A, and the Commission has given consent to this in April 2025. TGDISCOMs need to update the status of these projects and their impact on the power purchase plans for FY 27.



3.4.11 Stakeholders stated that surplus power, combined with short-term purchases and backing down of contracted capacity, reflects systemic inefficiencies in power procurement and planning. These inefficiencies ultimately translate into higher costs for consumers. They urged the Commission to scrutinize these projections, enforce discipline in procurement practices, ensure transparency in market purchases, and prevent avoidable financial burdens on consumers.

#### *Petitioner's Replies*

3.4.12 TGDISCOMs submitted that their power procurement planning for FY 2026–27 is based on detailed hourly (block-wise) analysis of demand and supply. While an overall annual energy surplus is projected, they emphasized that deficits arise during specific time blocks—particularly morning and evening peak hours when solar generation is unavailable. To address such temporal imbalances, short-term power purchases are considered essential. These purchases are estimated both for meeting deficit supply and for cost optimization, with procurement undertaken when market prices are lower than the variable cost of certain thermal generators.

3.4.13 TGDISCOMs submitted that short-term purchases are not part of tied-up capacity and depend on real-time demand–supply conditions and market prices; hence, including them in total availability would distort the actual supply position. Backing down of thermal stations is undertaken selectively, not due to surplus alone but as a cost-optimization measure in line with merit order dispatch principles. Thermal generation is reduced only when market power is cheaper than the variable cost of specific plants, thereby lowering the overall procurement cost without compromising reliability.

3.4.14 TGDISCOMs also submitted their approach to surplus power and fixed costs. They stated that fixed charges for thermal plants are unavoidable as per regulatory norms (85% availability), and hence only variable costs are considered while estimating revenue from surplus power sales. Surplus energy is sold only during time blocks when market prices exceed variable costs, ensuring realistic revenue estimation. With reference to “unwarranted surplus,” TGDISCOMs stated that supply-demand balance must be viewed dynamically across hours and seasons, rather than on an annual aggregate basis.

3.4.15 On planning and projections, TGDISCOMs stated that demand forecasts and

procurement strategies are based on historical trends, seasonal variations, and expected growth, while accounting for diverse generation profiles such as solar. They highlighted that upcoming generation from all five units of YTPS will significantly enhance availability in FY 2026–27, thereby reducing dependence on market purchases compared to the previous year. At the same time, renewable energy capacity additions have been factored in based on expected commissioning under government schemes and existing contracts.

- 3.4.16 TGDISCOMs submitted that, in the estimation of Power purchase expenses for FY 2026-27, they have considered electricity demand at hourly block level to understand the supply-demand balance with the existing contracted generation capacity, requirement of short-term purchases for deficit supply. In addition, short-term purchases during hours of lesser market price for Power purchase cost optimization is also considered. Further, TGGENCO is exploring the initiatives to reduce the technical minimum from the current levels of 55%.
- 3.4.17 Energy procurement from short term sources is considered for the following reasons. Energy supply during hours of deficit (Power requirement > Power availability from generators). Despite having a total energy surplus, it is pertinent to note that there will be time blocks in the year when the instantaneous power requirement in the state is higher than the total generation capacity, pushing TGDISCOMs to procure the power deficit from short-term sources. Such instances of electricity deficit occur during morning and evening peak hours when the solar generation is not available. Hence, purchase from short term sources become inevitable with the current supply demand situation.
- 3.4.18 TGDISCOMs have considered procurement from short term sources during hours when the market price is lesser than the variable cost (VC) of few generating stations with higher VC to optimize the overall cost of power procurement. It is clarified that the generation from TGGENCO, CGS, SEIL, SCCL plants are proposed to be backed down only during hours when market purchase is more economical in order to optimize the overall cost of the power purchase in the state.
- 3.4.19 TGDISCOMs submitted that a total procurement of 3,346 MUs from Short term sources is estimated for supply during hours of power deficit and 8,295 MUs for power



procurement cost optimization. The overall cost of procurement from short term sources come to Rs. 3.44/unit. Further, it is clarified that Rs. 2/unit is the revenue margin from sale of surplus electricity after netting off the variable cost incurred to generate the surplus electricity.

3.4.20 TGDISCOMs submitted that TGGENCO is in the process of procuring 500 MWh BESS from VGF-I and 1,500 MWh BESS from VGF-II. TGDISCOMs did not consider the impact of BESS in the Power purchase estimation for FY 2026-27 considering the expected commissioning timelines of the above said BESS projects. Considering the construction timelines of the BESS & Pumped Storage projects under implementation in Telangana, the same cannot be considered for operation for FY 2026-27 and hence not considered in the assessment of Power Purchase cost estimation. Further, it is also submitted that TGDISCOMs are complying to the Renewable Power Obligation (RPO) targets as set by the Commission.

3.4.21 TGDISCOMs have also considered the Electricity generation from KUSUM-A contracted capacity that are expected to get commissioned in the said financial year. The section on financial performance during previous financial year of TGDISCOM is included in the petition as part of filings insisted by the Commission.

3.4.22 TGDISCOMs submitted that their procurement strategy aims to balance reliability and cost efficiency while safeguarding consumer interests. Market purchases, backing down decisions, and fuel surcharge adjustments are presented as transparent, need-based, and aligned with regulatory frameworks. They asserted that reforms, RPO compliance, and flexible generation practices are being implemented with due diligence, and that overall efforts are focused on minimizing costs, ensuring uninterrupted supply, and maintaining accountability in the power procurement process.

### ***Commission's analysis & findings***

3.4.23 The Commission has carefully examined the submissions of stakeholders and the replies of the TGDISCOMs on energy availability, surplus projections, and short-term power procurement. It is observed that while the TGDISCOMs have projected an overall energy surplus for FY 2026–27, they have simultaneously proposed significant short-term power purchases. The Commission has taken note that energy balance must



be assessed not merely on an annual basis but also considering intra-day and seasonal variations. The explanation of TGDISCOMs regarding peak-hour deficits and non-availability of solar power during certain time blocks is valid to an extent; however, the quantum of short-term purchases proposed appears on the higher side and warrants prudence check.

3.4.24 On the issue of backing down of thermal stations and resorting to market purchases, the Commission observes that the principle of merit order dispatch must be strictly adhered to. Procurement from short-term sources shall be made whenever it is economical or necessary to meet peak demand. However, such decisions must be supported by transparent, block-wise analysis showing that market prices are lower than the variable cost of the backed-down stations and that the overall cost to consumers is minimized.

3.4.25 *The Commission directs the TGDISCOMs to maintain comprehensive records of all short-term energy procurement transactions, including those made through open market and power exchanges, and to submit monthly reports of such transactions to the Commission through email. The complete transaction records shall also be submitted to the Commission during true-up proceedings for verification.*

3.4.26 With regard to surplus power and its sale, the Commission agrees that the ability to realize remunerative prices in the market is uncertain and dependent on prevailing conditions. Therefore, projections of revenue from sale of surplus power must be made conservatively. The Commission also reiterates that fixed cost liabilities arising from long-term PPAs are unavoidable to an extent; however, creation of persistent surplus leading to backing down and additional financial burden on consumers is not desirable. The TGDISCOMs are advised to align their long-term procurement planning more closely with realistic demand projections so as to minimize such situations.

3.4.27 The approach adopted by the Commission for approving energy availabilities is detailed below.

## **TGGENCO**

3.4.28 The Commission has considered normative PLF of 85% for thermal plants as per Regulation No. 2 of 2023.

- 3.4.29 Based on the expected dates of commissioning of YTPS submitted by the petitioners, the Commission has considered the availability of all units for full year except Unit-5 for which availability was considered from the month of July'26 onwards. The energy availability is projected based on normative plant availability factor and auxiliary consumption applicable as specified in Regulation No. 2 of 2023.
- 3.4.30 For Hydel Stations except PJHES, Machkund and Tungabhadra, TGDISCOs have considered 100% share allocation. For PJHES the TGDISCOs have considered 50% share allocation to Telangana. The availability of power from hydel stations depends upon the monsoon season and cannot be accurately projected. The Commission has considered the energy availability of 3,826.74 MUs as claimed by TGDISCOs.
- 3.4.31 For Inter-State Hydel Stations (Machkund & Tungabhadra), TGDISCOs have not considered any availability for FY 2026-27.
- 3.4.32 The Commission in Retail Supply Tariff Order dated 28.10.2024 in O.P.No.16 & 17 of 2024, & I.A.No.15,16, 21 & 22 of 2024 has directed TGDISCOs to actively pursue the matter with APGENCO/APTRANSCO for availing the State share in Machkund PH and Tungabhadra PH. TGDISCOs in its compliance submitted that the issue is continuously being pursued with APGENCO for extension of PPA and scheduling of power from Machkund PH and Tungabhadra PH.
- 3.4.33 In view of the continued non-resolution of the matter, and considering that both Machkund Hydro Electric Project and Tungabhadra Hydro Electric Project are inter-State projects located outside the geographical boundary of the erstwhile combined State of Andhra Pradesh, the Commission advised the Government of Telangana to take up the issue with the Governments of Andhra Pradesh and Odisha (for securing the State's due allocations from Machkund PH) and with the Governments of Andhra Pradesh and Karnataka (for securing the State's due allocations from Tungabhadra PH). *The TGDISCOs are directed to follow up with the Government of Telangana in this regard and submit a report.*

### **TGGENCO – Thermal Generating Stations**

- 3.4.34 The share allocation to Telangana from thermal generating stations of TGGENCO is as shown below:

**Table 3-10 : Share allocation to Telangana (MW) from TGGENCO- Thermal Generating Stations considered for FY 2026-27**

| Sl. No.              | Name of the station | Installed Capacity | Telangana Share |              |
|----------------------|---------------------|--------------------|-----------------|--------------|
|                      |                     | MW                 | %               | MW           |
| 1                    | KTPS-V              | 500                | 100%            | 500          |
| 2                    | KTPS-VI             | 500                | 100%            | 500          |
| 3                    | KTPS-VII            | 800                | 100%            | 800          |
| 4                    | KTPP-I              | 500                | 100%            | 500          |
| 5                    | KTPP-II             | 600                | 100%            | 600          |
| 6                    | BTPS                | 1,080              | 100%            | 1,080        |
| 7                    | YTPS*               | 4,000              | 100%            | 4,000        |
| <b>Total Thermal</b> |                     | <b>7,980</b>       |                 | <b>7,980</b> |

Note: \* The availability of all YTPS units is considered for full year except in case of Unit-5 for which availability was considered from the month of July'26 onwards.

3.4.35 The energy availability projections approved by the Commission from TGGENCO thermal stations is as shown below:

**Table 3-11 : Energy Availability (MUs) from TGGENCO- Thermal Generating Stations approved for FY 2026-27**

| Sl. No.              | Name of the station | Energy Availability (MU) |
|----------------------|---------------------|--------------------------|
| 1                    | KTPS-V              | 3,191.73                 |
| 2                    | KTPS-VI             | 3,527.54                 |
| 3                    | KTPS-VII            | 5,644.07                 |
| 4                    | KTPP-I              | 3,092.64                 |
| 5                    | KTPP-II             | 4,001.10                 |
| 6                    | BTPS                | 7,156.54                 |
| 7                    | YTPS                | 25,885.40                |
| <b>Total Thermal</b> |                     | <b>52,499.03</b>         |

### Hydel Generating Stations (TGGENCO and Inter-State)

3.4.36 The share allocation to Telangana from Hydel generating stations is as shown below:

**Table 3-12 : Share allocation to Telangana (MW) from TGGENCO- Hydel Generating Stations considered for FY 2026-27**

| Sl. No.       | Name of the station     | Installed Capacity | Telangana Share |        |
|---------------|-------------------------|--------------------|-----------------|--------|
|               |                         | MW                 | %               | MW     |
| Inter State   |                         |                    |                 |        |
| 1             | PJHES (Inter State)     | 234                | 50%             | 117.00 |
| Sub-Total     |                         | 234                |                 | 117.00 |
| Hydel TGGENCO |                         |                    |                 |        |
| 1             | Nagarjuna Sagar complex | 7*100.80           | 100%            | 875.60 |
|               |                         | 1*110              |                 |        |
|               |                         | 2*30               |                 |        |
| 2             | SLBHES                  | 900                | 100%            | 900.00 |
| 3             | LJHES                   | 240                | 100%            | 240.00 |
| 4             | PCHES- Pulichintala     | 120                | 100%            | 120.00 |



| Sl. No.          | Name of the station    | Installed Capacity | Telangana Share |                 |
|------------------|------------------------|--------------------|-----------------|-----------------|
|                  |                        | MW                 | %               | MW              |
| 5                | Pochampad-II           | 9                  | 100%            | 9.00            |
| 6                | Small Hydel            | 54                 | 100%            | 54.00           |
| 7                | Mini Hydel- Peddapalli | 9.16               | 100%            | 9.16            |
| <b>Sub-Total</b> |                        | <b>2,207.76</b>    |                 | <b>2,207.76</b> |
| <b>Total</b>     |                        | <b>2,441.76</b>    |                 | <b>2,324.76</b> |

3.4.37 Based on the above, the energy availability approved for FY 2026-27 is mentioned in the table below:

**Table 3-13 : Energy Availability (MU) from TGGENCO- Hydel Generating Stations approved for FY 2026-27**

| Sl. No.              | Name of the station     | Energy Availability |
|----------------------|-------------------------|---------------------|
| <b>Inter State</b>   |                         |                     |
| 1                    | PJHES (Inter State)     | 192.59              |
| <b>Sub-Total</b>     |                         | <b>192.59</b>       |
| <b>Hydel TGGENCO</b> |                         |                     |
| 1                    | Nagarjuna Sagar complex | 1,441.31            |
| 2                    | SLBHES                  | 1,481.47            |
| 3                    | LJHES                   | 395.06              |
| 4                    | PCHEs- Pulichintala     | 197.53              |
| 5                    | Pochampad-II            | 29.63               |
| 6                    | Small Hydel             | 74.07               |
| 7                    | Mini Hydel- Peddapalli  | 15.08               |
| <b>Sub-Total</b>     |                         | <b>3,634.15</b>     |
| <b>Total</b>         |                         | <b>3,826.74</b>     |

### Central Generating Stations (CGS)

3.4.38 The Commission has considered the latest share allocation (%) of CG stations to Telangana vide SRPC Allocation Order i.e., SRPC/SE(O)/54/2025-26/5219 dated 17<sup>th</sup> October 2025, applicable from 19.10.2025, which is as shown below:

**Table 3-14 : Share allocation to Telangana (MW) in Central Generating Stations considered for FY 2026-27**

| Sl. No.  | Name of the Station   | Installed Capacity | Telangana Share |        |
|----------|-----------------------|--------------------|-----------------|--------|
|          |                       | MW                 | %               | MW     |
| <b>A</b> | <b>Thermal</b>        |                    |                 |        |
| 1        | Ramagundam Stage I&II | 2,100              | 16.23%          | 340.88 |
| 2        | Ramagundam Stage III  | 500                | 17.11%          | 85.55  |
| 3        | Talcher TPS II        | 2,000              | 10.64%          | 212.81 |
| 4        | Simhadri Stage I      | 1,000              | 53.89%          | 538.90 |
| 5        | Simhadri Stage II     | 1,000              | 25.40%          | 254.05 |
| 6        | NTPC Kudgi            | 2,400              | 11.12%          | 267.00 |

| Sl. No.          | Name of the Station                | Installed Capacity | Telangana Share |                 |
|------------------|------------------------------------|--------------------|-----------------|-----------------|
|                  |                                    | MW                 | %               | MW              |
| 7                | NLC TPS II Stage I                 | 630                | 0.49%           | 3.11            |
| 8                | NLC TPS II Stage II                | 840                | 0.49%           | 4.10            |
| 9                | NNTPP                              | 1,000              | 6.17%           | 61.67           |
| 10               | Neyveil New unit -1 (Extension)    | 420                | 0.77%           | 3.24            |
| 11               | Neyveil New unit -2 (Extension)    | 500                | 0.77%           | 3.86            |
| 12               | NTECL Vallur TPS                   | 1,500              | 6.81%           | 102.15          |
| 13               | NLC Tamil Nadu Power Ltd           | 1,000              | 14.33%          | 143.31          |
| 14               | Telangana STPP Phase-I             | 1,600              | 86.37%          | 1,382.00        |
| <b>Total (A)</b> |                                    | <b>16,490</b>      |                 | <b>3,402.64</b> |
| <b>B</b>         | <b>Nuclear</b>                     |                    |                 |                 |
| 1                | NPC-MAPS                           | 440                | 4.87%           | 21.41           |
| 2                | NPC-Kaiga unit I & II              | 440                | 14.86%          | 65.37           |
| 3                | NPC-Kaiga unit III & IV            | 440                | 15.84%          | 69.68           |
| 4                | NPC- Kudankulam                    | 1,000              | 5.00%           | 50.00           |
| 5                | Kudankulam (KKNPP) Unit-II         | 1,000              | 0.00%           | 0.00            |
| <b>Total (B)</b> |                                    | <b>3,320</b>       |                 | <b>206.45</b>   |
| <b>C</b>         | <b>Bundled Power (Coal)</b>        |                    |                 |                 |
| 1                | JNNSM Phase-1 Bundled Power (Coal) | 85                 | 53.89%          | 45.81           |
| 2                | NTPC Bundled Power (Coal)          | 200                | 100.00%         | 200.00          |
| <b>Total (C)</b> |                                    | <b>285</b>         |                 | <b>245.81</b>   |
| <b>Total CGS</b> |                                    | <b>20,095</b>      |                 | <b>3,854.91</b> |

3.4.39 The Commission observed that TGDISCOMs have projected the energy availability considering PLF at 85% of the capacity allocated to Telangana of respective generating stations. The Commission has considered the available energy from each of the generating station/source considering the share allocated to Telangana in the respective generating stations.

3.4.40 The projections of energy availability as approved by the Commission is as shown below:

**Table 3-15: Energy Availability (MUs) from CGS approved for FY 2026-27**

| Sl. No.  | Name of the station   | Energy Availability (MUs) |
|----------|-----------------------|---------------------------|
| <b>A</b> | <b>Thermal</b>        |                           |
| 1        | Ramagundam Stage I&II | 2,253.94                  |
| 2        | Ramagundam Stage III  | 597.22                    |
| 3        | Talcher TPS II        | 1,414.35                  |
| 4        | Simhadri Stage I      | 3,781.92                  |
| 5        | Simhadri Stage II     | 1,782.87                  |
| 6        | NTPC Kudgi            | 1,814.45                  |
| 7        | NLC TPS II Stage I    | 18.71                     |

| Sl. No.          | Name of the station                | Energy Availability (MUs) |
|------------------|------------------------------------|---------------------------|
| 8                | NLC TPS II Stage II                | 25.08                     |
| 9                | NNTPP                              | 398.07                    |
| 10               | Neyveil New unit -1 (Extension)    | 22.50                     |
| 11               | Neyveil New unit -2 (Extension)    | 24.03                     |
| 12               | NTECL Vallur TPS                   | 680.53                    |
| 13               | NLC Tamil Nadu Power Ltd           | 954.73                    |
| 14               | Telangana STPP Phase-I             | 9,086.70                  |
| <b>Total (A)</b> |                                    | <b>22,855.11</b>          |
| <b>B</b>         | <b>Nuclear</b>                     |                           |
| 1                | NPC-MAPS                           | 141.29                    |
| 2                | NPC-Kaiga unit I & II              | 534.19                    |
| 3                | NPC-Kaiga unit III & IV            | 576.94                    |
| 4                | NPC- Kudankulam                    | 401.40                    |
| 5                | Kudankulam (KKNPP) Unit-II         | 0.00                      |
| <b>Total (B)</b> |                                    | <b>1,653.82</b>           |
| <b>C</b>         | <b>Bundled Power (Coal)</b>        |                           |
| 1                | JNNSM Phase-1 Bundled Power (Coal) | 341.10                    |
| 2                | NTPC Bundled Power (Coal)          | 1,489.20                  |
| <b>Total (C)</b> |                                    | <b>1,830.30</b>           |
| <b>Total CGS</b> |                                    | <b>26,339.24</b>          |

### Other Conventional Long-Term Sources of Power

3.4.41 In view of the TGDISCOMs submission that energy generation from Chhattisgarh State Power Distribution Company Limited (CSPDCL) has not been accounted for the energy availability since the station is not under dispatch due to disputes the Commission has not considered availability from CPSDCL.

3.4.42 The other conventional long-term power sources include Sembcorp Energy India Limited (SEIL) (LT-1) and Singareni Thermal Power Plant (STPP). The allocation of share to Telangana from these other conventional long-term sources of power is as shown in the Table below:

**Table 3-16 : Share allocation to Telangana (MW) from other Long- term sources of power**

| Sl. No.      | Name of the Station | Installed Capacity | Telangana Share |                 |
|--------------|---------------------|--------------------|-----------------|-----------------|
|              |                     | MW                 | %               | MW              |
| 1            | SEIL (LT-1)         | 500.00             | 53.89%          | 269.45          |
| 2            | STPP                | 1,200.00           | 100.00%         | 1,200.00        |
| <b>Total</b> |                     | <b>1,700.00</b>    |                 | <b>1,469.45</b> |

3.4.43 The Commission observed that TGDISCOMs have projected the energy availability from SEIL Unit-1 and STPP, considering PLF at 85% of the capacity allocated to



respective generating stations to Telangana.

3.4.44 TGDISCOMs have submitted the supporting documents to substantiate the energy availability projections furnished by the respective generating stations.

3.4.45 The Commission has considered the energy availability projections from the approved sources considering the share allocation to Telangana in the respective generating stations and normative plant availability factor & auxiliary consumption.

3.4.46 The summary of energy availability projections from other long-term sources approved by the Commission is as shown below:

**Table 3-17 : Energy Availability (MUs) from Other Long-term sources approved for FY 2026-27**

| Sl. No.      | Name of the station | Energy Availability (MU) |
|--------------|---------------------|--------------------------|
| 1            | SEIL (LT-1)         | 1,885.95                 |
| 2            | STPP                | 7,948.44                 |
| <b>Total</b> |                     | <b>9,834.39</b>          |

#### Non-Conventional Energy Sources (NCES)

3.4.47 The Commission has considered the capacity of Non-Conventional Energy Sources based on the approved PPAs as shown in the Table below:

**Table 3-18 : Capacity available (MW) from NCE Sources approved for FY 2026-27**

| Sl. No.      | Source                             | TGSPDCL         | TGNPDCL         | Total           |
|--------------|------------------------------------|-----------------|-----------------|-----------------|
| 1            | Biomass                            | 6.00            | 0.00            | 6.00            |
| 2            | Bagasse Cogeneration               | 15.00           | 46.70           | 61.70           |
| 3            | Municipal Waste to Energy          | 58.30           | 0.00            | 58.30           |
| 4            | Industrial waste based             | 7.50            | 7.50            | 15.00           |
| 5            | Wind                               | 128.10          | 0.00            | 128.10          |
| 6            | Mini Hydel                         | 0.55            | 2.00            | 2.55            |
| 7            | NTPC CPSU Ph-II Tr- I&II           | 1,193.71        | 498.29          | 1,692.00        |
| 8            | NTPC, NHPC CPSU Ph-II Tr-III       | 1,231.11        | 513.89          | 1,745.00        |
| 9            | SECI 400 MW                        | 282.20          | 117.80          | 400.00          |
| 10           | SECI 1000 MW                       | 705.50          | 294.50          | 1,000.00        |
| 11           | NTPC Bundled Scheme under JNNSM-I  | 32.32           | 23.49           | 55.81           |
| 12           | NTPC Bundled Scheme under JNNSM-II | 282.20          | 117.80          | 400.00          |
| 13           | Solar                              | 1,961.74        | 876.60          | 2,838.34        |
| 14           | KUSUM & PM Suryaghar               | 296.52          | 251.64          | 548.16          |
| <b>Total</b> |                                    | <b>6,200.75</b> | <b>2,750.21</b> | <b>8,950.96</b> |

3.4.48 The Commission has scrutinized the capacities and expected CoDs of the NCE plants based on the additional submissions made by TGDISCOMs and approved the energy availability projections from non-conventional energy sources.

3.4.49 The energy availability from Non-Conventional Energy Sources approved is shown below:

**Table 3-19 : Energy availability (MUs) from NCE Sources approved for FY 2026-27**

| Sl. No.      | Source                             | TGSPDCL          | TGNPDCL         | Total            |
|--------------|------------------------------------|------------------|-----------------|------------------|
| 1            | Biomass                            | 0.23             | 0.00            | 0.23             |
| 2            | Bagasse Cogeneration               | 0.00             | 0.00            | 0.00             |
| 3            | Municipal Waste to Energy          | 257.36           | 0.00            | 257.36           |
| 4            | Industrial waste based             | 37.71            | 37.71           | 75.41            |
| 5            | Wind                               | 283.14           | 0.00            | 283.14           |
| 6            | Mini Hydel                         | 0.08             | 0.29            | 0.37             |
| 7            | NTPC CPSU Ph-II Tr- I&II           | 2,298.21         | 959.35          | 3,257.56         |
| 8            | NTPC, NHPC CPSU Ph-II Tr-III       | 2,370.20         | 989.40          | 3,359.60         |
| 9            | SECI 400 MW                        | 543.31           | 226.80          | 770.11           |
| 10           | SECI 1000 MW                       | 1,358.28         | 566.99          | 1,925.27         |
| 11           | NTPC Bundled Scheme under JNNSM-I  | 75.81            | 31.64           | 107.45           |
| 12           | NTPC Bundled Scheme under JNNSM-II | 543.31           | 226.80          | 770.11           |
| 13           | Solar                              | 3,776.88         | 1,687.69        | 5,464.58         |
| 14           | KUSUM & PM Suryaghar               | 137.87           | 116.01          | 253.89           |
| <b>Total</b> |                                    | <b>11,682.39</b> | <b>4,842.69</b> | <b>16,525.08</b> |

3.4.50 Based on the above, the total energy availability approved by the Commission for FY 2026-27 is as shown in the Table below:

**Table 3-20 : Energy availability approved for FY 2026-27 (MUs)**

| Sl. No.  | Name of the station | Energy Availability (MU) |
|----------|---------------------|--------------------------|
| 1        | TGGENCO             | 56,325.77                |
| 2        | CGS                 | 26,339.24                |
| 3        | Others              | 9,834.39                 |
| 4        | NCE                 | 16,525.08                |
| <b>5</b> | <b>Total</b>        | <b>1,09,024.47</b>       |

3.4.51 The monthly energy availability projections approved by the Commission for FY 2026-27 is enclosed at **Annexure V**.

### 3.5 MONTHLY MERIT ORDER DISPATCH

#### *Stakeholders' Submissions*

3.5.1 Stakeholders submitted that merit-order dispatch discipline is applied based on variable cost projections on 3-month moving average of actuals. For FY 2026-27, TGSPDCL claimed a 5% variable cost escalation without merit-order analysis without integrating November 2024–January 2025 actual variable costs. Conservative disallowance estimate is around Rs. 400–500 crores annually, and 5-year cumulative at Rs. 2,000–2,500 crores. Commission is requested to disallow arbitrary 5%

escalation; rebase on recent actuals with maximum 1% escalation and to reduce variable cost by Rs. 400–500 crores.

- 3.5.2 TGNPDCL projected Power purchase costs at Rs. 16,075 crores (~70% of total ARR). TGNPDCL exhibits heavy dependence on state thermal generators, even during off-peak hours when alternative, cheaper power sources (GDAM, power exchanges) are available. The National Tariff Policy and TGERC regulations mandate that distribution companies follow least-cost merit order dispatch, prioritizing: (a) Solar and renewable energy (lowest marginal cost: Rs. 2.50–3.50/kWh), (b) Green Day Ahead Market (GDAM) power (~Rs. 4.00–4.50/kWh), (c) Power exchange purchases (~Rs. 3.50–5.00/kWh) and (d) Thermal generation (highest cost: Rs. 5.50–6.50/kWh). The filing provides no transparent block-wise MOD data, especially (a) Hourly/15-minute dispatch records showing least-cost procurement, (b) Evidence that renewable energy purchases were maximized, (c) Documentation of GDAM and power exchange participation and (d) Justification for reliance on costlier thermal generators during low-demand periods.
- 3.5.3 The Commission is requested to direct TGNPDCL to: (a) Submit block-wise merit order dispatch for entire FY 2026-27, comparative analysis of procurement costs by source (renewable, GDAM, exchange, thermal), evidence of renewable energy curtailment with quantum and justification, (b) For every thermal dispatch instance, provide justification showing no cheaper renewable/GDAM/exchange power was available, Benchmark realised power purchase costs against comparable DISCOMs and efficient frontier, (c) Disallow any thermal power procurement where cheaper alternatives were available but not utilised.

### ***Petitioner's Replies***

- 3.5.4 TGSPDCL submit that they have followed Merit Order Dispatch at hourly block level to estimate the dispatch from various thermal generating stations based on their variable cost to optimize the cost of power procurement. In, addition TGDISCOMs have also considered power procurement from Short-term sources at times when the market prices are lesser than the variable cost of certain generating stations. Further, TGDISCOMs have projected variable cost for FY 2026-27 lesser than that incurred in FY 2024-25 considering the impact of coal cost reduction. For CGS stations and IPPs (SEIL), TGDISCOMs have considered 5% escalation in the variable cost incurred in



H1 of FY 2025-26 to account for the expected raise in the expenses.

- 3.5.5 TGNPDCL submitted that power is procured from multiple sources including State thermal, CGS, NCE, Hydel, Solar. Further, low cost generating sources such as Solar and other Renewable Energy are given must-run status only after the dispatch of which the thermal generators are dispatched based on the power requirement. Even for the thermal generators, Merit Order Dispatch principle is adopted by SLDC following National Tariff Policy & Grid Code to ensure that the low-cost generators are dispatched first in order to optimize the overall power procurement costs. In addition, TGDISCOMs procure power from short-term sources at times when the market purchase price becomes more economical than the variable cost of certain generators in order to reduce overall power procurement price. All the data pertaining to power purchase from different generation sources and power exchanges, compliance on Merit Order Dispatch at hourly block level, must run dispatch from Renewable Sources has been furnished to the Commission for their perusal. TGDISCOMs have ensured compliance to low-cost dispatch principle in estimation of the power purchase cost and no thermal procurement has been considered in the projection in the presence of a cheaper alternative.

***Commission's analysis & findings***

- 3.5.6 The Commission has observed that stakeholders have raised concerns about the application of a uniform 5% escalation in variable cost without adequate linkage to recent actual data and without transparent demonstration of merit-order principles.
- 3.5.7 The Commission also takes note of the TGDISCOMs submission that merit order dispatch has been followed at hourly block level and that renewable energy sources have been accorded must-run status in line with the National Tariff Policy.
- 3.5.8 On the issue of reliance on thermal generation vis-à-vis availability of cheaper alternatives such as renewable energy and power markets, the Commission reiterates that strict adherence to merit order dispatch is mandatory. Thermal generation should be scheduled only after exhausting lower-cost sources, except where technical constraints or grid security considerations necessitate otherwise.

- 3.5.9 The Commission further clarifies that any imprudent power procurement, including avoidable dispatch of higher-cost generation in the presence of cheaper alternatives, will be subject to disallowance after due prudence check, in order to safeguard consumer interest.
- 3.5.10 The monthly availability of energy from various thermal power stations along with variable costs as considered by the Commission has been used for monthly merit order dispatch for FY 2026-27. In the merit order dispatch, the monthly energy availability above technical minimum, from each generating station was stacked up in ascending order of variable cost and dispatch of the stations were made, after dispatch of must run stations like NCE sources of energy, hydel stations and Nuclear Power Stations (NPC) to meet requirements of TGDISCOMs. Accordingly, the merit order dispatch is drawn in such a manner that the cost of power procurement is minimized to the extent possible with reference to monthly information on availability and requirement.
- 3.5.11 Based on the monthly energy requirement and energy availability approved, the Commission has ascertained that there may not be any energy deficit during FY 2026-27 except for the months of February 2027 and March 2027.

### 3.6 POWER PURCHASE

#### *TGDISCOMs' Filings*

- 3.6.1 The power purchase costs for FY 2026-27 have been projected considering the following:
- Fixed costs for TGGENCO-Thermal Stations have been considered as per the projected figures from TGGENCO.
  - For TGGENCO-Hydel Stations, a 3% escalation on the fixed costs incurred on full year projections of FY 2025-26 based on actual fixed cost of first half (Apr-25 to Sep-25) of FY 2025-26.
  - Variable costs for TGGENCO- Thermal Stations was considered as per the projections from TGGENCO.
  - Additional Pension Liability costs were considered as per the TGGENCO MYT order dated 28.10.2024.

- e. For CGS, a 3% escalation on the fixed costs incurred on full year projections of FY 2025-26 based on actual fixed cost of first half (Apr-25 to Sep-25) of FY 2025-26 was considered.
- f. For CGS, a 5% escalation on the actual variable costs for H<sub>1</sub> (Apr-25 to Sep-25) of FY 2025-26 was considered.
- g. For Telangana STPP Phase-I, the variable cost projections are taken from TGPCCC considering the impact of coal cost reduction on variable cost.
- h. For NCES, the variable costs are considered as per the actual contracted PPA tariff rates for different generators.
- i. For SEIL, a 3% escalation on the Fixed Costs incurred on full year projections of FY 2025-26 based on actual fixed cost of first half (Apr-25 to Sep-25) of FY 2025-26 was considered. For variable costs, a 5% escalation on the actual variable costs of FY 2025-26 (H1) was considered.
- j. For STPP, a 3% escalation on the fixed costs incurred on full year projections of FY 2025-26 based on actual fixed cost of first half (Apr-25 to Sep-25) of FY 2025-26 was considered. The variable costs for FY 2026-27 were taken from TGPCCC projections considering the impact of coal cost reduction on the variable cost.
- k. For buying the estimated energy deficit from short-term purchases, actual block-wise market prices were considered to estimate the cost to be payable.
- l. The D-D purchase / sale was estimated based on the respective DISCOM-wise energy requirement and energy dispatch as per MOD (after accounting for the short-term energy purchase). Further, for the cost accounting for FY 2026-27, the rate for D-D purchase / sale was considered on the basis of the Average Cost of Power purchase for the state

### ***Stakeholders' Submissions***

#### **Cost of power purchase**

- 3.6.2 Stakeholders submitted that cost of power purchase used to be nearly 80% of aggregate revenue requirement of the TGDISCOMs for their retail supply business in the past. However, that has been changing. For FY 2026-27, the TGDISCOMs have projected cost of power purchase as Rs. 54,567 crores which constitutes 74.75% of projected ARR of Rs. 72,996 crores. This reduction of power purchase cost is as a percentage of



ARR, not in absolute terms. It is because costs of intra-state and inter-state transmission and of operation and maintenance are increasing disproportionately to some extent. The average cost of power purchase for the next financial year is projected as Rs. 5.35 per kwh. The fluctuations in average cost of power purchase is due to addition of installed capacities under PPAs with different tariffs for power from different power plants, fluctuations in levels of generation of power by different power plants, quantum of surplus power available and fixed charges to be paid for backing down the same, additional power purchases in the market under short-term, changes in costs of fuels used for generation of power, inadequate supply of such fuels required and allocated, and their transportation charges, and a host of other factors, including change of law. Despite projecting availability of a surplus of above 28,000 MU for the FY 2025-26, the TGDISCOMs have now estimated additional purchase of power in the market on short-term basis to the tune of 15,328 MU for the current financial year. For earlier FYs also, such a pattern was evident, with a difference in degree. An efficient methodology, covering various factors, needs to be developed and adopted to make near realistic estimates of availability of power, surplus and deficit, demand growth, need for timely addition of installed capacities periodically, harmonious balance between demand fluctuation and power mix to the extent technically practicable, etc. Such factors are broadly controllable and within the purview of the TGDISCOMs and the Commission. Without considering such factors realistically, once regulatory consents to PPAs entered into with power projects indiscriminately by the TGDISCOMs, obviously, at the behest or direction of the government of the day, the adverse consequences that would arise cannot be undone or corrected for a longtime. That has been the continuing experience.

- 3.6.3 While the energy dispatched has come down from the quantum approved by the Commission, the cost of power purchase has increased for the last three FYs for the TGDISCOMs.
- 3.6.4 These trends show that requirement of power was overestimated. At the same time, abnormal quantum of power was purchased in the market during the last three FYs at higher prices and a total of Rs. 15,961 crores under power purchase true-up and Rs. 1,650 crores under revenue true-up are claimed by the TGDISCOMs for the last three financial years. The TGDISCOMs must give details of the latest estimate of dispatch of energy and actual sales for FY 2025-26.

## Fixed and Variable Costs

- 3.6.5 Stakeholders raised concerns over arbitrary escalation of variable costs by TGDISCOMs for FY 2026–27. While variable costs of most TGGENCO plants are projected to decline, TGDISCOMs have applied a 5% escalation for several central generating stations without justification. They highlighted high projected variable costs for stations such as NTPC Kudgi (Rs. 6.50/unit) and NLC TPS-II Stage II (Rs. 8.10/unit), questioning the prudence of procuring power from such costly sources, especially in a surplus scenario where these plants may be backed down while still incurring fixed charges. Referring to the Commission's earlier rejection of a 3% escalation due to lack of data, stakeholders urged a similar approach against the proposed 5% escalation.
- 3.6.6 On overall power purchase cost, stakeholders noted that TGDISCOMs have estimated Rs. 54,567 crores for FY 2026–27, nearly 10% higher than the Commission's estimate. This difference is partly due to lower projected surplus power sales by TGDISCOMs (2,985 MU) compared to that approved (16,755 MU). Stakeholders stated that overestimation of surplus sales artificially reduces projected costs and tariff burden but leads to significant adjustments during true-up, as past experience shows limited scope for profitable surplus power sales.
- 3.6.7 Significant concerns were also raised regarding rising fixed costs, particularly for TGGENCO thermal plants. Fixed costs are projected to increase sharply to Rs. 12,017 crores in FY 2026–27, largely due to YTPS units, even though their capital cost has not yet been finalized by the Commission. Stakeholders emphasized that only operational units with approved capital costs should be considered. They also questioned unexplained increases in fixed costs of existing plants like BTPS, already considered one of the costliest plants, and objected to the uniform 3% escalation applied to fixed costs of central, SEIL, and Singareni plants without rationale. Discrepancies in reported fixed costs for certain plants were also highlighted.
- 3.6.8 Stakeholders further pointed out inconsistencies in variable costs across similar plants. Despite comparable locations near coal mines, wide variations exist among TGGENCO plants, with costs ranging from Rs. 2.74/unit to Rs. 3.85/unit. Similarly, costs of Singareni and NTPC plants are higher than comparable TGGENCO units, raising questions on efficiency and cost assumptions. They also opposed proposed



short-term purchases of 11,641 MU at Rs. 3.45/unit, noting that this rate exceeds the variable cost of several thermal plants that are proposed to be backed down.

- 3.6.9 Stakeholders emphasized that recent policy changes in coal taxation are expected to reduce generation costs by about 17–18 paise/unit, and hence do not justify higher ARR projections. They suggested that instead of upfront cost escalation in tariffs, actual variations be managed through the existing Fuel and Power Purchase Adjustment Surcharge (FPPAS) mechanism. They recommended that power purchase costs be based on actuals (H<sub>1</sub> FY 2026–27) and any additional burden, if unavoidable, be borne by the state government through subsidies rather than passed on to consumers.

#### **Additional Pension Liability**

- 3.6.10 Stakeholders raised serious concerns over the projection of “additional pension liabilities” of Rs. 2,815.61 crores for FY 2026–27 by TGDISCOMs, including the inclusion of unrelated components such as water charges. The continued practice of allowing pension-related liabilities, including interest on pension bonds (renamed as “additional pension liability”), to be passed on to consumers has been questioned. The issue of pension liability sharing between Andhra Pradesh and Telangana, or the lack of government support, is not considered a valid justification for imposing such costs on electricity consumers. The continuation of this arrangement without a clear alternative mechanism is unjustified and lacks legal basis.
- 3.6.11 It has been highlighted that, as per the Andhra Pradesh Electricity Reform Transfer Scheme Rules, 1999, the responsibility for funding pension liabilities rests with the state government. The historical background shows that pension liabilities were structured through bonds issued by APGENCO and managed through a master trust, with obligations later shared among successor entities post-bifurcation. Allowing these liabilities as a pass-through in tariffs has been seen as contrary to the intent of the rules and a deviation from standard financial practices, where pension funds are typically maintained separately and managed to generate returns.
- 3.6.12 The continuation of regulatory decisions since 2003 permitting pass-through of interest and additional interest on pension bonds has resulted in a substantial cumulative burden on consumers over more than two decades. The absence of a definitive direction requiring either the state government or utilities to bear these costs has been



highlighted as a regulatory gap. Judicial references to reimbursement of prudently incurred employee costs do not address the key issue of who should bear such liabilities, and do not justify transferring this burden to consumers.

- 3.6.13 Given the magnitude of the projected liability and its long-standing impact, stakeholders have called for a re-examination of the issue on legal and merit grounds. It has been emphasized that such liabilities should not be imposed on consumers and instead be borne by the state government or the concerned utilities. Disallowing these claims in tariff determination has been sought to prevent further financial burden on electricity consumers.

### **Imported Coal**

- 3.6.14 Stakeholders have submitted that the Commission, through Directive No. 1, has directed the TGDISCOMs to verify whether imported coal is being procured through the competitive bidding process, or under any guidelines issued in this regard by GoI, before admitting the station wise power purchase bills and submit certificates to that effect. TGSPDCL has replied that compliance report was submitted to the Commission on 16.10.2025. TGNPDCL has explained that it is ensured that thermal projects of TGGENCO and STPP of SCCL are not using imported coal. It has further informed that, regarding usage of imported coal by CG stations, it is ensured that the imported coal is being procured by NTPC in accordance with the MoP, GoI, guidelines issued from time to time and also through transparent international competitive bidding process. Serious allegations have been made and published in the media about manipulations and inflating costs of imported coal, involving big Indian companies who had coal mines abroad, but no action has been taken by the GoI. The way TGDISCOMs signed the PPA in IA No. 39 in OP No. 31 of 2025 with NTPC for procurement of 800 MW from stage II of TSTPP 3x800 MW, with a number of deficiencies and improprieties detrimental to the interests of the consumers, has shown how ineffective the approach of the state government and the TGDISCOMs in questioning NTPC and making it agree to redraft and sign a comprehensive and balanced PPA. Similar was experienced in signing PPAs with NTPC in the past also, and records available in the Commission also confirm it. As such, it is difficult to take the submission of TGNPDCL about coal imported by NTPC at its face value, in the absence of any recorded evidence. TGDISCOMs certifying that coal is being imported

by NTPC in accordance with guidelines of MoP, GoI, and through transparent international competitive bidding needs scrutiny. The Commission is requested to call for relevant records relating to import of coal, examine whether prices of imported coal were in line with the market trends at relevant point of time or inflated abnormally and make the same public. Regarding Sembcorp Energy India Limited, with blended coal - 70% domestic and 30% imported - energy bills are being paid based on fixed tariff schedule provided in the PPA and escalation rates notified by CERC from time to time. It is uncertain if the escalation rates notified by CERC and actual rates of coal are being verified by the TGDISCOMs to ascertain authenticity and permissibility of variable costs being claimed by Sembcorp from time to time. The prices of coal are being escalated as notified by CERC from time to time contrary to the TGDISCOMs claim that “energy charges do not effect by the usage of the Domestic/Imported coal by the generator”.

### **GCV of Coal**

- 3.6.15 Stakeholders submitted that the Commission, through Directive No. 2, has directed the TGDISCOMs to ensure that the GCV of coal for which the price is paid by its contracted generating stations should not be less than the minimum of the range of GCV specified for that particular grade. TGNPDCL has maintained that GCV of coal is being verified with the minimum of the range of GCV specified for that particular grade. TGSPDCL has replied that compliance report was submitted to the Commission on 16.10.2025. TGGENCO, in an earlier letter to the SCCL, pointed out that the poor quality of coal supplied to the thermal stations of TGGENCO resulted in units being forced to operate at partial loads, leading to generation loss; reduction in plant load factor, affecting the station availability against the norms of TGERC and causing loss; increased wear and tear of boiler pressure parts; higher auxiliary power consumption and heart rate; heavy ash content burdening the ash evacuation system; and excess coal consumption beyond design levels, resulting in higher freight and handling costs. It was further pointed out that thermal stations of TGGENCO are totally linked to SCCL for a quantity of 28.872 million tonnes per annum and that about 85% of the FSA quantity is higher grade with gross calorific value ranging from 4,000-4,900 kcal/kg. However, majority of the coal quality is stated to be below the FSA grade (G14/G15 grade of GCV 2,800-3,400 kcal/kg. TGGENCO made it clear that the receipt of poor



quality of coal has hindered its ability to achieve its rated capacity of 85% fixed by the Commission, thereby impacting fixed charges and overall revenue, with the fixed charges regulated on a pro rata basis. Needless to say, the pointed failure of TGGENCO to achieve 85% of PLF its thermal stations is resulting in TGDISCOMs making purchases in the market at higher prices, thereby imposing avoidable burdens on their consumers under FSA and true-up additionally. The Commission is requested to call for relevant records, examine the factual position and give necessary directions and make the same public.

### **Cost from unclaimed FCA**

3.6.16 Stakeholders have submitted that TGSPDCL has not computed, published, or levied monthly, FCA as required. Instead, it seeks to recover accumulated fuel/power purchase variations through True-up petitions filed years after year-end. Such delay renders historical FCA claims inadmissible per Clause 13.3(d) of MYT Regulations. Paras 3.3.8–3.3.11 of RST Order FY 2025-26 explicitly noted concerns and rejected lump-sum FCA filings for non-compliance with stipulated timelines. Total Blocked FCA of about Rs. 370–530 crores are now improperly attempted to be loaded into FY 2026-27 ARR. The Commission must: (i) Suspend acceptance of all lump-sum fuel/variable cost adjustments claimed outside FCA mechanism, (ii) Direct immediate operationalization of monthly FCA levy effective January 2026, (iii) Disallow Rs. 370–530 crores cumulative FCA backlog from FY 2026-27 ARR and (iv) Require TGSPDCL to establish automated monthly FCA computation and publication system.

### ***Petitioner's Replies***

#### **Cost of Power purchase**

3.6.17 TGDISCOMs submitted that, we reiterate that there is no unwarranted surplus power leading to consumer overburden. If surplus power were truly available, there would not be a deficit during peak hours. During all time blocks, the surplus power is not same, continuous and regular. The characterization of surplus must be seen in the context of the entire daily and seasonal demand cycle. Power availability fluctuates across hours and seasons, and hence it cannot be termed “unwarranted surplus” when it is not consistently in excess throughout the day or year. DISCOMs optimize procurement to balance cost and reliability, ensuring that consumers are not subjected



to unnecessary financial burdens. Market purchases and backing down of certain generation sources are undertaken only to minimize overall costs and to match the dynamic demand profile.

3.6.18 The DISCOMs submit that power requirement has not been overestimated but has been assessed prudently to meet projected demand and ensure grid stability, which are statutory obligations. While instances of surplus power may arise in certain periods, these are mainly due to seasonal demand variations, renewable energy intermittency, inflexibility of long-term PPAs, and changes in actual consumption patterns, and not because of inflated demand estimates. As highlighted in the petition, procurement from short term sources will be undertaken only when necessary. To clarify, TGDISCOMs have considered short term power purchases for the following purposes:

- a. To address demand–supply gaps during hours when power requirement exceeds the available generation.
- b. To optimize overall power procurement costs, by purchasing from the market during hours when market prices are lower than the variable cost (VC) of certain high VC generating stations.

3.6.19 Since TGDISCOMs do not maintain any tied-up capacity for short term procurement, and such purchases depend entirely on real time demand supply conditions and prevailing market prices, including this power in the energy availability calculations would misrepresent picture of the state’s actual supply position.

### **Fixed and Variable Costs**

3.6.20 TGDISCOMs submitted that, the reduction in variable costs of TGGENCO plants is primarily due to the reduction in coal prices by SCCL, which has been reflected in the projected costs for FY 2026–27.

3.6.21 For Central Generating Stations (CGS), the escalation of 5% has been considered based on the historical growth rate of variable costs observed in these stations. This approach is consistent with past trends and ensures that projections remain realistic, given the volatility in fuel prices and transportation costs.

3.6.22 It is important to note that CGS plants are still required to meet the base-load demand of the system. These plants provide firm and reliable capacity, which cannot be

substituted entirely by market purchases or renewable sources. When compared to market prices during night hours, the variable costs of CGS plants are still lower, making them a prudent choice for DISCOMs to ensure cost-effective and reliable supply.

- 3.6.23 TGDISCOMs submitted that, in estimating the power purchase cost for FY 2026–27, a detailed block level analysis of energy surplus availability and prevailing Market prices has been undertaken for all time blocks across the year. Based on this assessment, the projection of surplus power sales has been considered only for those blocks in which the Market price is higher than the Variable Cost (VC) of the generating stations, thereby ensuring that such transactions remain financially viable.
- 3.6.24 It shall be noted that three units (Unit-1, Unit-2 & Unit-4) of YTPS have already been commissioned. Further, the remaining two units are expected to be commissioned prior to the commencement of FY 2026–27, as communicated by TGGENCO vide letter dated 03.09.2025. In view of the above, all five units of YTPS are anticipated to be under commercial operation during FY 2026–27. Accordingly, it is considered appropriate to take into account the fixed costs pertaining to all five units of YTPS for the said financial year.
- 3.6.25 TGDISCOMs have projected the fixed cost for TGGENCO stations considering the additional capitalization of assets proposed by TGGENCO in their filings thereby resulting in higher Fixed costs in comparison with the previous years.
- 3.6.26 TGDISCOMs have considered a 3% escalation in the Fixed cost of Central Generating stations (CGS) in order to account for the expected increase in the cost in FY 2026-27, based on the trend of cost increases witnessed in previous years and to reasonably account for the expected rise in costs during the ensuing year.
- 3.6.27 TGDISCOMs have submitted that they have considered 3% escalation on the Fixed cost on full year projections of FY 2025-26 based on the Fixed cost incurred in the first half of FY 2025-26. The fixed cost projected for Singareni thermal power plant is as follows.

|                                    | <b>FY 2025-26</b> | <b>FY 2026-27</b> |
|------------------------------------|-------------------|-------------------|
| Fixed cost Singareni thermal (Crs) | 1,340             | 1,380             |

- 3.6.28 TGDISCOMs stated that irrespective of having similar geographical proximity from

coal mines, different generators have different Station Heat Rates (SHR) and other operating parameters leading to difference in variable costs

3.6.29 The projections on the Variable cost (VC) of TGGENCO thermal stations has been done also considering the impact of variable cost reduction due to coal cost reduction by M/s Singareni Collieries Company and the impact of changes in GST increase from 5% to 18% and abolition of Rs. 400 Compensation CESS. The above has resulted in lesser VC projections for TGGENCO stations in comparison with the actual VC in FY 2024-25.

3.6.30 To further detail the above, 3,346 MUs Electricity for supply during deficit hours is projected to be procured from short-term sources at ~Rs. 4.99/unit and 8,295 MUs Electricity for Power purchase optimization is projected to be procured during hours of low market prices at Rs. 2.81 per unit. This leads to an overall procurement cost of ~Rs. 3.43/unit from for the total 11,641 MUs to be purchased from short term sources. Here procurement from short term sources for deficit supply is done only when the entire generation capacity is dispatched and the procurement from short term sources for Power purchase optimization is done only by backing down the thermal generators having higher VC than the then existing market (Short term source) prices resulting only in the reduction of overall power procurement cost.

3.6.31 TGDISCOMs submitted that the Fuel Cost Adjustment (FCA) mechanism adjusts only the variation between the power purchase cost approved by the Commission and the actual cost incurred. If the ARR projections are understated, the shortfall will subsequently surface as a higher FCA recovery. It is therefore prudent to approve realistic and reasonable power purchase cost projections upfront, rather than defer recovery through larger ex-post FCA adjustments.

### **Additional Pension Liability**

3.6.32 TGDISCOMs submitted that, Pension to the employees who rendered their services in the department are paid under:

- Service Rules (e.g., State Pension Rules)
- Statutes (e.g., Employees' Provident Funds & Miscellaneous Provisions Act, 1952 – EPS Scheme)



- 3.6.33 The Commission has already approved the interest on pension bonds in the Retail Supply Tariff (RST) Multi-Year Tariff (MYT) order after due scrutiny, stakeholder consultations, and public hearing. This approval process ensures that all relevant aspects, including financial sustainability of TGDISCOMs and consumer interests, are carefully examined before such costs are admitted.
- 3.6.34 TGDISCOMs remain committed to complying with the directives of the Commission and to presenting all such financial obligations in a transparent manner during ARR and tariff proceedings.

### **Imported Coal**

- 3.6.35 TGDISCOMs have submitted that presently the TGGENCO and SCCL plants which have signed PPAs with TGDISCOMs are operating only with domestic coal, as they already have firm coal linkages. The tariff petitions of CGS plants are scrutinised by the CERC, which has the final authority in approving energy charges and escalation rates. Thus, TGDISCOMs rely on the statutory and regulatory framework established by CERC and MoP, which provides transparency and accountability in coal procurement and tariff determination.

### **GCV of Coal**

- 3.6.36 TGDISCOMs have submitted that, the GCV of coal is being verified with the minimum of the range of GCV specified for that particular grade. TGSPDCL abide by the directions of the Commission for submission of relevant records to examine the factual position.

### **Cost from unclaimed FCA**

- 3.6.37 TGDISCOMs are diligently adhering to the current MYT regulations 1 of 2023 in calculating FCA and will continue do so. The TGDISCOMs have addressed letters to the GoTG for approval for collection of FCA amount regularly every month as per the provisions in the MYT Regulation. TGDISCOMs submitted that no Power Purchase true-up is being claimed for FY 2023-24 and FY 2024-25, and have requested the Commission to pass necessary orders accordingly. This clearly demonstrates the TGDISCOM's adherence to the regulatory framework and compliance with the

directions of the Commission. It is further submitted that as per regulations, Power Purchase true-up for FY 2022-23 is allowed since disallowance based on FCA levying is not applicable for FY 2022-23. If the Commission updates/modifies to the treatment of FCA, TGDISCOMs shall abide by the said directions.

### ***Commission's analysis & findings***

- 3.6.38 The Commission emphasizes that compliance with MOD principles must not only be adhered to but also be demonstrably verifiable through detailed disclosures, including justification for thermal dispatch during periods when lower-cost alternatives may be available.
- 3.6.39 With respect to power purchase cost projections, particularly escalation of fixed and variable costs, the Commission finds that the rationale provided by TGDISCOMs, such as historical trends and anticipated cost increases, requires stronger empirical backing. In line with its earlier approach, the Commission is inclined to rely on recent actual cost trends.
- 3.6.40 The Commission reiterates its earlier directive to TGDISCOMs to ensure that the GCV of coal for which the price is paid by its contracted generating stations should not be less than the minimum of the range of GCV specified for that particular grade.

### **Fixed and Variable Costs**

- 3.6.41 The Commission has considered the fixed cost and variable charges of TGGENCO stations for FY 2026-27 as approved in TGGENCO order for revised tariff for FY 2026-27 in O.P.No.67 of 2025.
- 3.6.42 In so far as fixed cost of CGS stations is concerned, the actual cost incurred for 9 months i.e., from Apr-2025 to Dec-2025 has been considered and prorated to arrive at the Fixed Cost of the FY 2026-27. The Commission has noted that the TGDISCOMs have claimed 3% escalation on variable cost randomly without any statistical data. On considering the objections of the stakeholders, this Commission has taken into consideration the statistics in respect of actual variable costs for the months of November 2025, December 2025 and January 2026 and concluded that the actual variable costs for the said last three months is far less than the escalated variable cost claimed by the TGDISCOMs. Thereby while rejecting claim of the TGDISCOMs to

consider 3% escalation on variable cost, this Commission has considered the average of variable costs for the last three months to arrive at variable costs.

### Additional Pension Liability

3.6.43 The Commission has considered the objections raised by the Stakeholders, replies of the petitioner, and noted that Pension to the employees who rendered their services in the department are paid as per the Service Rules (i.e., State Pension Rules), Statutes (i.e., Employees' Provident Funds & Miscellaneous Provisions Act, 1952 – EPS Scheme).

3.6.44 The Commission has expressed its opinion in earlier tariff order also that until alternative arrangements are made, this Commission is of the opinion that additional liability on pension of retired employees shall be allowed to be continued as approved in MYT order.

3.6.45 Hence, the Commission has considered the Additional Pension Liability same as claimed by the petitioner for TGDISCOMS for FY 2026-27.

3.6.46 The approach of the Commission in determining the power purchase cost is detailed below.

### TGGENCO

3.6.47 Based on the filings of TGDISCOMs, objections/suggestion/comments received from stakeholders and the subsequent analysis thereof, the Commission has determined the following power purchase costs for TGGENCO stations:

**Table 3-21 : Power Procurement Cost from TGGENCO Stations approved for FY 2026-27**

| Sl. No.          | Name of the Station | Quantum          | Fixed Cost       | Variable Cost    | Other Cost  | Total            |
|------------------|---------------------|------------------|------------------|------------------|-------------|------------------|
|                  |                     | MU               | Rs. Crore        | Rs. Crore        | Rs. Crore   | Rs. Crore        |
| <b>A</b>         | <b>Thermal</b>      |                  |                  |                  |             |                  |
| 1                | KTPS-V              | 2,257.89         | 368.10           | 768.81           | 0.00        | 1,136.91         |
| 2                | KTPS-VI             | 2,483.78         | 483.62           | 863.61           | 0.00        | 1,347.23         |
| 3                | KTPS-VII            | 5,552.53         | 1,272.85         | 1,498.07         | 0.00        | 2,770.92         |
| 4                | RTS-B               | 0.00             | 0.00             | 0.00             | 0.00        | 0.00             |
| 5                | KTPP-I              | 2,906.20         | 427.79           | 841.05           | 0.00        | 1,268.85         |
| 6                | KTPP-II             | 3,874.21         | 679.27           | 1,053.40         | 0.00        | 1,732.67         |
| 7                | BTPS                | 6,427.38         | 1,584.13         | 1,939.14         | 0.00        | 3,523.27         |
| 8                | YTPS                | 19,350.66        | 6,398.46         | 6,463.12         | 0.00        | 12,861.58        |
| <b>Total (A)</b> |                     | <b>42,852.64</b> | <b>11,214.22</b> | <b>13,427.20</b> | <b>0.00</b> | <b>24,641.43</b> |



| Sl. No.              | Name of the Station                   | Quantum          | Fixed Cost       | Variable Cost    | Other Cost      | Total            |
|----------------------|---------------------------------------|------------------|------------------|------------------|-----------------|------------------|
|                      |                                       | MU               | Rs. Crore        | Rs. Crore        | Rs. Crore       | Rs. Crore        |
| <b>B</b>             | <b>Inter State</b>                    |                  |                  |                  |                 |                  |
| 1                    | PJHES (Inter State)                   | 192.59           | 109.92           | 0.00             | 0.00            | 109.92           |
| <b>Total (B)</b>     |                                       | <b>192.59</b>    | <b>109.92</b>    | <b>0.00</b>      | <b>0.00</b>     | <b>109.92</b>    |
| <b>C</b>             | <b>Hydel</b>                          |                  |                  |                  |                 |                  |
| 1                    | Nagarjuna Sagar complex               | 1,441.31         | 333.01           | 0.00             | 0.00            | 333.01           |
| 2                    | SLBHES                                | 1,481.47         | 459.41           | 0.00             | 0.00            | 459.41           |
| 3                    | LJHES                                 | 395.06           | 221.40           | 0.00             | 0.00            | 221.40           |
| 4                    | PCHEs- Pulichintala                   | 197.53           | 97.26            | 0.00             | 0.00            | 97.26            |
| 5                    | Pochampadu-II                         | 29.63            | 11.57            | 0.00             | 0.00            | 11.57            |
| 6                    | Small Hydel                           | 74.07            | 62.67            | 0.00             | 0.00            | 62.67            |
| 7                    | Mini Hydel- Peddapalli                | 15.08            | 11.05            | 0.00             | 0.00            | 11.05            |
| <b>Total (C)</b>     |                                       | <b>3,634.15</b>  | <b>1,196.38</b>  | <b>0.00</b>      | <b>0.00</b>     | <b>1,196.38</b>  |
| <b>D</b>             | <b>Other cost</b>                     |                  |                  |                  |                 |                  |
| 1                    | Water charges and Pension liabilities | 0.00             | 0.00             | 0.00             | 1,650.90        | 1,650.90         |
| <b>Total (D)</b>     |                                       | <b>-</b>         | <b>0.00</b>      | <b>0.00</b>      | <b>0.00</b>     | <b>1,650.90</b>  |
| <b>Total TGGenco</b> |                                       | <b>46,679.39</b> | <b>12,520.52</b> | <b>13,427.20</b> | <b>1,650.90</b> | <b>27,598.63</b> |

### Central Generating Stations (CGS)

3.6.48 Based on the filings of TGDISCOs, objections/suggestion/comments received from stakeholders and the subsequent analysis thereof, the Commission has determined the following power purchase costs for Central Generating Stations:

**Table 3-22 : Power Procurement Cost approved from CGS for FY 2026-27**

| Sl. No.          | Name of the Station             | Quantum          | Fixed Cost      | Variable Cost   | Other Cost  | Total           |
|------------------|---------------------------------|------------------|-----------------|-----------------|-------------|-----------------|
|                  |                                 | MU               | Rs. Crore       | Rs. Crore       | Rs. Crore   | Rs. Crore       |
| <b>A</b>         | <b>Thermal</b>                  |                  |                 |                 |             |                 |
| 1                | Ramagundam Stage I&II           | 1,845.92         | 180.77          | 611.51          | 0.00        | 792.28          |
| 2                | Ramagundam Stage III            | 491.54           | 50.83           | 162.27          | 0.00        | 213.11          |
| 3                | Talcher TPS II                  | 1,419.33         | 127.26          | 227.34          | 0.00        | 354.60          |
| 4                | Simhadri Stage I                | 3,112.70         | 466.58          | 1,036.52        | 0.00        | 1,503.10        |
| 5                | Simhadri Stage II               | 1,631.97         | 266.61          | 479.61          | 0.00        | 746.23          |
| 6                | NTPC Kudgi                      | 1,280.38         | 312.40          | 646.72          | 0.00        | 959.12          |
| 7                | NLC TPS II Stage I              | 13.30            | 5.06            | 4.46            | 0.00        | 9.52            |
| 8                | NLC TPS II Stage II             | 17.80            | 14.12           | 5.96            | 0.00        | 20.09           |
| 9                | NNTPP                           | 363.71           | 73.52           | 108.26          | 0.00        | 181.78          |
| 10               | Telangana STPP Phase-I          | 7,731.74         | 1,558.99        | 2,527.96        | 0.00        | 4,086.95        |
| 11               | NTECL Vallur TPS                | 481.03           | 121.75          | 175.22          | 0.00        | 296.96          |
| 12               | NLC Tamil Nadu Power Ltd        | 675.14           | 195.61          | 272.46          | 0.00        | 468.07          |
| 13               | Neyveil New unit -1 (Extension) | 19.95            | 3.97            | 6.18            | 0.00        | 10.15           |
| 14               | Neyveil New unit -2 (Extension) | 20.18            | 8.08            | 6.70            | 0.00        | 14.78           |
| <b>Total (A)</b> |                                 | <b>19,104.68</b> | <b>3,385.55</b> | <b>6,271.18</b> | <b>0.00</b> | <b>9,656.74</b> |
| <b>B</b>         | <b>Nuclear</b>                  |                  |                 |                 |             |                 |
| 1                | NPC-MAPS                        | 141.29           | 0.00            | 35.72           | 0.00        | 35.72           |

| Sl. No.          | Name of the Station                   | Quantum          | Fixed Cost      | Variable Cost   | Other Cost  | Total            |
|------------------|---------------------------------------|------------------|-----------------|-----------------|-------------|------------------|
|                  |                                       | MU               | Rs. Crore       | Rs. Crore       | Rs. Crore   | Rs. Crore        |
| 2                | NPC-Kaiga unit I & II                 | 534.19           | 0.00            | 182.13          | 0.00        | 182.13           |
| 3                | NPC-Kaiga unit III & IV               | 576.94           | 0.00            | 196.71          | 0.00        | 196.71           |
| 4                | NPC- Kudankulam                       | 401.40           | 0.00            | 191.45          | 0.00        | 191.45           |
| 5                | Kudankulam (KKNPP)<br>Unit-II         | 0.00             | 0.00            | 0.00            | 0.00        | 0.00             |
| <b>Total (B)</b> |                                       | <b>1,653.82</b>  | <b>0.00</b>     | <b>606.00</b>   | <b>0.00</b> | <b>606.00</b>    |
| <b>C</b>         | <b>Bundled Power (Coal)</b>           |                  |                 |                 |             |                  |
| 1                | JNNSM Phase-1 Bundled<br>Power (Coal) | 341.10           | 0.00            | 177.84          | 0.00        | 177.84           |
| 2                | NTPC Bundled Power<br>(Coal)          | 1,489.20         | 0.00            | 679.42          | 0.00        | 679.42           |
| <b>Total (C)</b> |                                       | <b>1,830.30</b>  | <b>0.00</b>     | <b>857.26</b>   | <b>0.00</b> | <b>857.26</b>    |
| <b>Total CGS</b> |                                       | <b>22,588.80</b> | <b>3,385.55</b> | <b>7,734.45</b> | <b>0.00</b> | <b>11,120.00</b> |

### Other Conventional Sources of Power

3.6.49 In so far as fixed cost of SEIL (LT-1) is concerned, the actual cost incurred for 9 months *i.e.*, from Apr-2025 to Dec-2025 has been considered and prorated to arrive at the Fixed Cost of the FY 2026-27. The Commission has considered the actual variable costs for the latest 3 months *i.e.*, Oct-25, Nov-25 and Dec-25.

3.6.50 The fixed charges and variable charges per unit for STPP have been considered as per Commission's Order in O.P. No. 64 of 2025 in the matter of Annual Tariff Petition for FY 2026-27 and True up for FY 2024-25 for 2x600 MW Singareni Thermal Power Plant.

3.6.51 Based on the filings of TGDISCOMs, objections/suggestion/comments received from stakeholders and the subsequent analysis thereof, the Commission has determined the following power purchase costs for Other Conventional Sources:

**Table 3-23 : Power Procurement Cost from Other Conventional Sources approved for FY 2026-27**

| Sl. No.          | Name of the Station | Quantum         | Fixed Cost      | Variable Cost   | Other Cost  | Total           |
|------------------|---------------------|-----------------|-----------------|-----------------|-------------|-----------------|
|                  |                     | MU              | Rs. Crore       | Rs. Crore       | Rs. Crore   | Rs. Crore       |
| <b>A</b>         | <b>Thermal</b>      |                 |                 |                 |             |                 |
| 1                | SEIL (LT-1)         | 1,892.27        | 296.81          | 489.21          | 0.00        | 786.02          |
| 2                | Singareni TPP       | 7,051.48        | 1,151.87        | 2,251.88        | 0.00        | 3,403.75        |
| <b>Total (A)</b> |                     | <b>8,943.74</b> | <b>1,448.68</b> | <b>2,741.09</b> | <b>0.00</b> | <b>4,189.77</b> |

### Non-Conventional Energy Sources (NCES)

3.6.52 The tariffs applicable for the respective non-conventional energy source have been considered for projecting the power procurement cost from NCE sources.

3.6.53 Based on the filings of TGDISCOMs, objections/suggestion/comments received from stakeholders and the subsequent analysis thereof, the Commission has determined the following power purchase costs for NCE Sources:

**Table 3-24 : Power Procurement Cost from NCE Sources approved for FY 2026-27**

| Sl. No.      | Source                            | TGSPDCL          |                 | TGNPDCL         |                 |
|--------------|-----------------------------------|------------------|-----------------|-----------------|-----------------|
|              |                                   | Quantum          | Cost            | Quantum         | Cost            |
|              |                                   | MU               | Rs. Cr          | MU              | Rs. Cr          |
| 1            | Biomass                           | 0.23             | 0.19            | -               | -               |
| 2            | Bagasse                           | -                | -               | -               | -               |
| 3            | Municipal waste                   | 257.36           | 191.21          | -               | -               |
| 4            | Industrial waste                  | 37.71            | 31.38           | 37.71           | 31.38           |
| 5            | Wind                              | 283.14           | 121.55          | -               | -               |
| 6            | Mini Hydel                        | 0.08             | 0.02            | 0.29            | 0.06            |
| 7            | Solar                             | 3,776.88         | 2,226.46        | 1,687.69        | 994.89          |
| 8            | Solar (JNNSM Phase I)             | 75.81            | 79.22           | 31.64           | 33.07           |
| 9            | Solar (NTPC)                      | 543.31           | 259.81          | 226.80          | 108.45          |
| 10           | Solar (SECI)                      | 543.31           | 151.04          | 226.80          | 63.05           |
| 11           | Solar (NTPC CPSU) Ph-II Tr – I&II | 2,298.21         | 648.76          | 959.35          | 270.81          |
| 12           | Solar (NTPC CPSU) Ph-II Tr – III  | 2,370.20         | 600.99          | 989.40          | 250.87          |
| 13           | SECI (ISTS Tr IX 1000 MW)         | 1,358.28         | 331.83          | 566.99          | 138.52          |
| 14           | KUSUM & PM Suryaghar              | 137.87           | 23.02           | 116.01          | 19.37           |
| <b>Total</b> |                                   | <b>11,682.39</b> | <b>4,665.48</b> | <b>4,842.69</b> | <b>1,910.48</b> |

### Surplus Power

3.6.54 The Commission has taken into consideration that in the methodology proposed by the petitioner that during the year wherever surplus power was available an attempt was made to sell the excess power by the TGDISCOMs keeping in view of the variable cost of the respective generating stations and short-term market rates in segments i.e., ‘Sale of Surplus Power’ and ‘Other Short-term sell’. The Commission has observed that the TGDISCOMs have projected revenue from the sale of surplus is Rs. 751.45 Crore for FY 2026-27.

3.6.55 The Commission has considered the quantum of the sale of surplus power based on the ratio of the sale of surplus energy to total energy availability claimed by the petitioner for each month of the FY 2026-27. Such quantum of the Sale of surplus is proposed for sale wherever average power purchase cost is less than that of the short-term rates during the same month for FY 2026-27. The net revenue arrived so from sale of surplus is approved for FY 2026-27. However, the quantum of sale of surplus power and the revenue generated from sale of surplus power will be prudently checked



by this Commission while Truing up of the power purchase cost.

### **Short term power**

3.6.56 The petitioner has claimed the short-term power purchases at Rs. 3.43 per unit and proposed to procure on the block-wise market prices to estimate the cost to be payable for short term purchases. The estimated energy deficit arrived, is proposed to be bought from the short-term market. The Commission has determined the short-term quantum in the months of Feb & Mar-2027 only after exhausting of the energy available from the approved sources/stations. The actual weighted average rate of the short-term procurements of FY 2024-25 i.e., Rs. 4.18 per unit is considered.

3.6.57 The monthly merit order dispatch approved by the Commission for FY 2026-27 is enclosed at **Annexure VI**.

### **DISCOM-wise allocation of Energy**

3.6.58 The Commission has considered the share of TGSPDCL as 70.55% and TGNPDCL as 29.45% of the total energy dispatched from Conventional Energy Sources and common Non-Conventional Sources as per G.O.Ms.No.20 dated 08.05.2014, based on the energy dispatched as per the merit order. The energy from Non-Conventional Sources for each of the TGDISCOM has been considered based on the approved PPAs between the generators and the respective TGDISCOM.

### **DISCOM to DISCOM (D-D) Energy Transfer & Cost Adjustment**

3.6.59 Since the power from the generating stations is dispatched on the basis of central dispatch for the entire State i.e., State Load Despatch Centre (SLDC), often the energy share of one TGDISCOMs happens to be utilised by another TGDISCOM (TGDISCOM-to-TGDISCOM energy transfers). In the merit order process, the station-wise energy of one TGDISCOM is transferred to the other TGDISCOM.

### **Power Purchase Cost for FY 2026-27**

3.6.60 Based on the above, the power purchase cost approved by the Commission for FY 2026-27 is as shown below:

**Table 3-25 : Power purchase cost for TGSPDCL as approved for FY 2026-27**

| Source                      | Quantum          | Fixed Cost       | Variable Cost    | Other Cost      | Total            |
|-----------------------------|------------------|------------------|------------------|-----------------|------------------|
|                             | MU               | Rs. Crore        | Rs. Crore        | Rs. Crore       | Rs. Crore        |
| TGGENCO                     | 32,932.31        | 8,833.23         | 9,472.89         | 1,164.71        | 19,470.83        |
| CGS                         | 15,936.40        | 2,388.51         | 5,456.65         | 0.00            | 7,845.16         |
| Other Conventional Sources  | 6,309.81         | 1,022.04         | 1,933.84         | 0.00            | 2,955.89         |
| NCE                         | 11,682.39        | 0.00             | 4,665.48         | 0.00            | 4,665.48         |
| D-D Purchase                | 1,716.72         | 0.00             | 427.35           | 0.00            | 427.35           |
| Purchase of Shortfall Power | 366.43           | 0.00             | 153.34           | 0.00            | 153.34           |
| D-D Sales                   | -185.93          | 0.00             | -46.28           | 0.00            | -46.28           |
| Sale of Surplus power       | 0.00             | 0.00             | -512.96          | 0.00            | -512.96          |
| <b>Total</b>                | <b>68,758.13</b> | <b>12,243.78</b> | <b>21,550.31</b> | <b>1,164.71</b> | <b>34,958.80</b> |

**Table 3-26 : Power purchase cost for TGNPDCL as approved for FY 2026-27**

| Source                      | Quantum          | Fixed Cost      | Variable Cost   | Other Cost    | Total            |
|-----------------------------|------------------|-----------------|-----------------|---------------|------------------|
|                             | MU               | Rs. Crore       | Rs. Crore       | Rs. Crore     | Rs. Crore        |
| TGGENCO                     | 13,747.08        | 3,687.29        | 3,954.31        | 486.19        | 8,127.80         |
| CGS                         | 6,652.40         | 997.05          | 2,277.79        | 0.00          | 3,274.84         |
| Other Conventional Sources  | 2,633.93         | 426.64          | 807.25          | 0.00          | 1,233.89         |
| NCE                         | 4,842.69         | 0.00            | 1,910.48        | 0.00          | 1,910.48         |
| D-D Purchase                | -1,716.72        | 0.00            | -427.35         | 0.00          | -427.35          |
| Purchase of Shortfall Power | 763.29           | 0.00            | 319.42          | 0.00          | 319.42           |
| D-D Sales                   | 185.93           | 0.00            | 46.28           | 0.00          | 46.28            |
| Sale of Surplus power       | 0.00             | 0.00            | -214.13         | 0.00          | -214.13          |
| <b>Total</b>                | <b>27,108.60</b> | <b>5,110.98</b> | <b>8,674.06</b> | <b>486.19</b> | <b>14,271.23</b> |

**Table 3-27 : Power purchase cost for TGDISCOMS as approved for FY 2026-27**

| Source                      | Quantum          | Fixed Cost       | Variable Cost    | Other Cost      | Total            |
|-----------------------------|------------------|------------------|------------------|-----------------|------------------|
|                             | MU               | Rs. Crore        | Rs. Crore        | Rs. Crore       | Rs. Crore        |
| TGGENCO                     | 46,679.39        | 12,520.52        | 13,427.20        | 1,650.90        | 27,598.63        |
| CGS                         | 22,588.80        | 3,385.55         | 7,734.45         | 0.00            | 11,120.00        |
| Other Conventional Sources  | 8,943.74         | 1,448.68         | 2,741.09         | 0.00            | 4,189.77         |
| NCE                         | 16,525.08        | 0.00             | 6,575.95         | 0.00            | 6,575.95         |
| D-D Purchase                | 0.00             | 0.00             | 0.00             | 0.00            | 0.00             |
| Purchase of Shortfall Power | 1,129.72         | 0.00             | 472.76           | 0.00            | 472.76           |
| D-D Sales                   | 0.00             | 0.00             | 0.00             | 0.00            | 0.00             |
| Sale of Surplus power       | 0.00             | 0.00             | -727.09          | 0.00            | -727.09          |
| <b>Total</b>                | <b>95,866.73</b> | <b>17,354.76</b> | <b>30,224.37</b> | <b>1,650.90</b> | <b>49,230.02</b> |

3.6.61 The average Power Procurement Price per unit of electricity for FY 2026-27 works out to Rs. 5.14/kWh comprising of fixed component of Rs. 1.81/kWh, variable component of Rs. 3.15/kWh and other charges of Rs. 0.17/kWh.

3.6.62 The TGDISCOM-wise monthly power procurement cost for FY 2026-27 is provided in **Annexure VII**.

### 3.7 INTER-STATE TRANSMISSION CHARGES (ISTS)

#### *TGDISCOMs' Filings*

3.7.1 TGDISCOMs have considered PGCIL (inter-state transmission charges) charges for the state as approved by the Commission in the ARR of Retail Supply Business order for 5<sup>th</sup> CP order dated 28.10.2024.

#### *Commission's analysis & findings*

3.7.2 Upon scrutinizing the submissions, the Commission has approved the Inter-State Transmission Charges as claimed.

**Table 3-28: Inter-State Transmission Charges (Rs. Crores) approved for FY 2026-27**

| Particulars                      | Claimed  |         | Approved |         |
|----------------------------------|----------|---------|----------|---------|
|                                  | TGSPDCL  | TGNPDCL | TGSPDCL  | TGNPDCL |
| Inter-State Transmission Charges | 1,789.85 | 747.15  | 1,789.85 | 745.15  |

### 3.8 INTRA-STATE TRANSMISSION CHARGES (InSTS)

#### *TGDISCOMs' Filings*

3.8.1 TGDISCOMs have considered Intra-State Transmission Charges as per the TGTRANSCO filings for ARR of FY 2026-27.

#### *Commission's analysis & findings*

3.8.2 The Commission has considered the Intra-State Transmission Charges apportioned to TGDISCOMs share (net of Open Access Customers) as approved by Commission vide Order in O.P. No. 68 of 2025 for True up for FY 2024-25 and Revised ARR and Transmission Charges for FY 2026-27 for Transmission business of TGTRANSCO as shown in table below.

**Table 3-29: Intra-State Transmission Charges (Rs. Crores) approved for FY 2026-27**

| Particulars                      | Claimed  |         | Approved |         |
|----------------------------------|----------|---------|----------|---------|
|                                  | TGSPDCL  | TGNPDCL | TGSPDCL  | TGNPDCL |
| Intra-State Transmission Charges | 2,274.68 | 949.53  | 1,700.92 | 710.02  |

### 3.9 SLDC CHARGES

#### *TGDISCOMs' Filings*

3.9.1 TGDISCOMs have considered the SLDC charges as per the SLDC filings for ARR of FY 2026-27.



### ***Commission's analysis & findings***

- 3.9.2 The Commission has approved the ARR of SLDC activity for FY 2026-27 vide order in O.P. No. 69 of 2025 and the same is considered as SLDC Charges, apportioned to TGDISCOMs share (net of Open Access Customers) for FY 2026-27.

**Table 3-30: SLDC Charges (Rs. Crores) approved for FY 2026-27**

| Particulars  | Claimed |         | Approved |         |
|--------------|---------|---------|----------|---------|
|              | TGSPDCL | TGNPDCL | TGSPDCL  | TGNPDCL |
| SLDC Charges | 68.47   | 28.58   | 65.59    | 27.38   |

### **3.10 DISTRIBUTION COST- WHEELING BUSINESS**

#### ***TGDISCOMs' Filings***

- 3.10.1 TGDISCOMs projected the revised distribution cost as per the filings for DB ARR of FY 2026-27 with 90% allocation of Distribution ARR towards wheeling business and 10% towards retail supply business.

#### ***Stakeholders' Submissions***

##### **TGSPDCL:**

- 3.10.2 Stakeholders pointed out serious deficiencies in asset capitalization and depreciation practices. Assets worth Rs. 175.21 crores have been capitalized without submission of COD/PCC/FCC documentation, yet depreciation has been claimed in violation of MYT regulations, which prohibit depreciation on incomplete or unverified assets. Retail supply depreciation has increased sharply by 76.2 percent without supporting documentation, leading to an estimated unjustified burden of Rs. 54.69–56.69 crores annually and over Rs. 273 crores over five years. It has been suggested that depreciation on such assets be suspended, capitalization reversed if documentation is not submitted, and stricter verification including third-party audits be mandated before allowing depreciation and return on equity.
- 3.10.3 Concerns were also raised on weak infrastructure planning, financial stress, and lack of operational efficiency. Partial GIS mapping (30–40 percent coverage) is leading to avoidable losses estimated at Rs. 55–92 crores annually, while high capex plans appear unviable given existing debt levels, execution inefficiencies, and AT&C losses of about 19.84 percent. Absence of standardized construction practices, gaps in asset registers, and lack of linkage between depreciation recovery and actual asset replacement further aggravate inefficiencies. It has been suggested to mandate full GIS implementation,

enforce construction standards, link depreciation to actual asset replacement through a dedicated renewal fund, and subject capex approvals to strict quality and verification norms.

#### **TGNPDCL:**

- 3.10.4 Stakeholders highlighted significant gaps between approved and actual capital expenditure, with only Rs. 723 crores of assets created against Rs. 2,104 crores approved, resulting in excess recovery of depreciation and return estimated at Rs. 150–200 crores annually. It has been suggested to reconcile approved versus actual capitalization, true-down excess recoveries, and link future returns strictly to actual asset creation. Concerns were also raised that despite full depreciation recovery from consumers, many life-expired assets remain unreplaced, indicating inefficiency in asset management. A phased mandatory replacement plan and stricter asset-age disclosures have been proposed, along with penalties for continued reliance on repairs instead of replacement.
- 3.10.5 Issues relating to employee costs and operational efficiency were also highlighted. Despite over 2,000 vacancies, employee costs are being projected as if all positions are filled, resulting in inflated cost projections and reduced service quality. It has been suggested that employee costs be allowed only for actual staff on roll, vacancy-related savings be passed on to consumers, and administrative expenses be capped based on efficiency benchmarks. Additionally, avoidable expenditures such as legal and consultancy costs should be strictly scrutinized and disallowed unless adequately justified.

#### **TGDISCOMs:**

- 3.10.6 Stakeholders observed wide deviations between the ARR approved by the Commission for FY 2026–27 under the 5<sup>th</sup> control period and the revised estimates submitted by TGDISCOMs. In most expenditure categories, except transmission costs, higher figures have been claimed without providing adequate justification. This raises concerns regarding the credibility of projections and adherence to regulatory discipline, as the revised filings depart significantly from previously approved benchmarks.
- 3.10.7 In particular, distribution costs have been substantially increased. TGNPDCL has claimed Rs. 4,953 crores against the approved Rs. 4,058.86 crores (22 percent higher),

while TGSPDCL has claimed Rs. 7,616 crores against the approved Rs. 6,053.99 crores (25.80 percent higher). These significant deviations have resulted in a higher ARR being projected by TGDISCOMs. In the absence of proper justification for such increases, it has been suggested that the Commission undertake detailed scrutiny of these claims before approval to prevent unwarranted burden on consumers.

### *Petitioner's Replies*

#### **TGSPDCL:**

3.10.8 TGSPDCL submitted that it is complying with all regulatory directives regarding capitalization, depreciation, and submission of PCC/FCC certificates. It stated that compliance with MYT and tariff orders is an ongoing process, and wherever capital works are completed, required certifications are issued and submitted within prescribed timelines. All capitalization considered in ARR is subject to prudence check and Commission approval, ensuring that only completed and operational assets are included. It further clarified that GIS mapping has already been implemented for a majority of transformers, feeders, and consumers, and is being continuously updated as assets are added or retired.

3.10.9 On capital expenditure, TGSPDCL explained that the proposed Rs. 7,508 crores includes both previously approved capex and additional requirements arising from evolving system conditions such as rising peak demand, urbanisation, and network constraints. Key investments include underground cabling, SCADA expansion, new substations, and capacity augmentation to ensure reliability and safety. It also emphasized adherence to Indian Standards and CEA regulations in all construction activities, along with strict quality control in procurement and execution, including vendor verification and corrective actions for non-compliance.

#### **TGNPDCL:**

3.10.10 TGNPDCL clarified that approval of capex does not automatically result in recovery of depreciation, interest, or return from consumers. Such costs are allowed only on actual capitalization of assets put to use and admitted by the Commission after prudence checks during true-up. Variations between approved and actual capex were attributed to implementation challenges such as right-of-way issues, statutory clearances, tender delays, and supply constraints. These delays do not burden consumers but instead lead to lower capitalization and consequently lower admissible



costs in the relevant period.

3.10.11 It also stated that depreciation is not intended as a one-to-one replacement fund but as a tariff component reflecting asset life consumption. Asset replacement decisions are based on reliability, safety, and operational requirements rather than asset age alone. Many assets continue beyond their nominal life with proper maintenance. The utility rejected claims of inefficient repair cycles, stating that repairs and maintenance are essential for system reliability and cannot be penalized arbitrarily. It further noted that O&M and employee cost projections are based on regulatory norms, CPI/WPI escalation, and actual expenditure trends, including factors such as employee strength, pay revisions, and annual increments.

**TGDISCOMs:**

3.10.12 TGDISCOMs submitted that their ARR filings are in full compliance with the MYT Regulation, 2023. As per the regulatory framework, ARR approved in the MYT order serves only as a baseline and is subject to annual revision based on true-up of previous years, actual performance, and updated projections. The regulations explicitly allow adjustments for controllable and uncontrollable factors, capitalization, and O&M expenses. Therefore, variations between MYT-approved ARR and current filings do not constitute any violation but reflect the dynamic nature of power sector operations and regulatory provisions.

3.10.13 They further explained that variations in cost components have specific justifications. Transmission cost has reduced based on the Annual Performance Review of TGTRANSCO for FY 2024-25, while the increase in distribution cost, particularly for TGSPDCL, is driven by additional capex such as underground cabling in Hyderabad and network strengthening initiatives. TGDISCOMs maintained that ARR estimates are prepared with due prudence, balancing cost requirements and operational needs while adhering to regulatory principles.

***Commission's analysis & findings***

3.10.14 The Commission has dealt with various objections raised by stakeholders relating to determination of ARR for Distribution Business for FY 2026-27 in OP Nos. 70&71 of 2025 for TGSPDCL and OP Nos. 72&73 of 2025 for TGNPDCL and hence not dealt here again.

3.10.15 Clause 77 of Regulation No. 2 of 2023 requires every distribution licensee to ‘maintain separate accounting records for the Wheeling Business and Retail Supply Business’ to enable the Commission determine tariffs separately for the respective businesses. It also provides that in case such segregation is not made, the Aggregate Revenue Requirement of the distribution licensee shall be apportioned as given below:

| Particulars                          | Wheeling Business % | Retail Supply Business % |
|--------------------------------------|---------------------|--------------------------|
| Power Purchase Expenses              | 0%                  | 100%                     |
| Inter-State Transmission Charges     | 0%                  | 100%                     |
| Intra-State Transmission Charges     | 0%                  | 100%                     |
| Operation & Maintenance Expenses     | 90%                 | 10%                      |
| Depreciation                         | 90%                 | 10%                      |
| Interest and finance charges on Loan | 90%                 | 10%                      |
| Interest on working capital          | 90%                 | 10%                      |
| Return on Equity                     | 90%                 | 10%                      |

3.10.16 Since separate accounting records for wheeling and retail supply business are not being maintained by TGDISCOMs, the ARR for wheeling and retail supply business is apportioned based on the aforementioned allocation matrix.

3.10.17 The distribution cost determined for FY 2026-27 is considered as shown below:

**Table 3-31: Distribution Cost-Wheeling Business (Rs. Crores) approved for FY 2026-27**

| Particulars                          | Claimed  |          | Approved |          |
|--------------------------------------|----------|----------|----------|----------|
|                                      | TGSPDCL  | TGNPDCL  | TGSPDCL  | TGNPDCL  |
| Distribution Cost- Wheeling Business | 6,542.01 | 4,390.97 | 5,304.49 | 3,795.43 |

### 3.11 DISTRIBUTION COST- RETAIL SUPPLY BUSINESS

#### *TGDISCOMs’ Filings*

3.11.1 TGDISCOMs projected the revised distribution cost as per the filings for DB ARR of FY 2026-27 with a 90% allocation of Distribution ARR towards wheeling business and 10% towards retail supply business.

3.11.2 TGNPDCL has claimed interest on working capital for Retail Supply of Electricity in accordance with Clause 33 of Regulation No. 02 of 2023.

#### *Commission’s analysis & findings*

3.11.3 Since separate accounting records for wheeling and retail supply business are not being maintained by TGDISCOMs, the ARR for wheeling and retail supply business is apportioned based on the aforementioned allocation matrix @ 10% to retail supply business as shown below:

**Table 3-32: Distribution Cost-Retail Supply Business (Rs. Crores) approved for FY 2026-27**

| Particulars                                      | Claimed |         | Approved |         |
|--------------------------------------------------|---------|---------|----------|---------|
|                                                  | TGSPDCL | TGNPDCL | TGSPDCL  | TGNPDCL |
| <i>Distribution Cost- Retail Supply Business</i> |         |         |          |         |
| Operation & Maintenance Expenses                 | 452.42  | 313.08  | 413.11   | 293.93  |
| Depreciation                                     | 114.87  | 66.09   | 40.73    | 33.00   |
| Interest and Finance Charges on Loan             | 93.37   | 40.00   | 71.58    | 27.34   |
| Interest on Working Capital                      | 0.00    | 26.29   | 0.00     | 0.00    |
| Return on Equity                                 | 48.19   | 24.46   | 61.66    | 38.55   |

### 3.12 INTEREST ON CONSUMER SECURITY DEPOSIT

#### *TGDISCOMs' Filings*

3.12.1 TGDISCOMs have considered the rate of interest as notified by the Reserve Bank of India from time to time for payment of interest on security deposits. The rate as notified by RBI is 5.75%. TGSPDCL has claimed an amount of Rs. 366.09 crores and TGNPDCL has claimed an amount of Rs. 93.20 crores towards Interest on Consumer Security Deposit for FY 2026-27.

#### *Commission's analysis & findings*

3.12.2 The Commission has approved the interest on consumer security deposit equivalent to 2 month's revenue in accordance with Clause 4 of Regulation No 6 of 2004. The Commission has considered the prevailing bank rate of 5.50% for arriving at the Interest on Consumer Security Deposit for FY 2026-27 as shown below:

**Table 3-33: Interest on Consumer Security Deposit (Rs. Crores) approved for FY 2026-27**

| Particulars                           | Claimed |         | Approved |         |
|---------------------------------------|---------|---------|----------|---------|
|                                       | TGSPDCL | TGNPDCL | TGSPDCL  | TGNPDCL |
| Interest on Consumer Security Deposit | 366.09  | 93.20   | 367.85   | 91.06   |

### 3.13 NON-TARIFF INCOME

#### *TGDISCOMs' Filings*

3.13.1 Non-Tariff Income of TGSPDCL for FY 2024-25 is Rs. 78.24 crores, Rs. 81 crores for FY 2025-26. For FY 2026-27 it is projected at Rs. 82.62 crores by considering 2% escalation over previous year.

3.13.2 Non-Tariff Income of TGNPDCL for FY 2024-25 is Rs. 73.33 crores, Rs. 59.85 crores for FY 2025-26. For FY 2026-27 it is projected at Rs. 61.05 crores.



### ***Stakeholders' Submissions***

3.13.3 Stakeholders submitted that as per para 3.15 RST Order for FY 2025-26 detailed NTI action plan with quarterly targets are required to be prepared in order to improve realization of under-reported potential. For FY 2026-27, TGSPDCL's NTI projection is Rs. 320–340 crores (0.64% of RSB ARR), Under-realized NTI is around Rs. 70–90 crores annually and 5-year cumulative of Rs. 350–450 crores. Commission is requested to mandate detailed NTI action plan; reduce accepted claims by Rs. 40–50 crores pending implementation evidence.

### ***Petitioner's Replies***

3.13.4 TGSPDCL submitted that the allegation of “under-realized NTI” is unfounded and based on a notional “potential percentage” that has no regulatory standing. Non-Tariff Income (NTI) has been computed strictly in accordance with the MYT Regulations and the applicable tariff formats, considering only those income streams that are attributable to the relevant business (Distribution/Retail Supply) and are recurring and realizable. The objector's approach of imputing NTI at 1.2–1.5% of ARR is arbitrary, unsupported by audited evidence, and contrary to prudence principles. For MYT projections, TGDISCOMs have applied a conservative year-on-year escalation (2%) on the admissible NTI base; however, for true-up and subsequent determinations, NTI is claimed on the basis of audited actuals separately for Distribution and Retail Supply businesses. Accordingly, there is no understatement or suppression of NTI and is only regulation-consistent classification and realistic projection. NTI is an income offset to ARR and is to be admitted based on audited accounts and verifiable heads; it cannot be reduced or enhanced on assumptions.

### ***Commission's analysis & findings***

3.13.5 The Non-Tariff Income claimed by TGDISCOMs is approved as requested and the Commission shall undertake the exercise of actual NTI at the time of true up.

**Table 3-34: Non-Tariff Income (Rs. Crores) approved for FY 2026-27**

| Particulars       | Claimed |         | Approved |         |
|-------------------|---------|---------|----------|---------|
|                   | TGSPDCL | TGNPDCL | TGSPDCL  | TGNPDCL |
| Non-Tariff Income | 82.62   | 61.05   | 82.62    | 61.05   |

### 3.14 IMPACT OF TRUE-UP/DOWN FOR FY 2024-25

- 3.14.1 TGDISCOMs have filed OP. No's 81&82 of 2025 seeking approval for True-down for FY 2024-25 for an amount of Rs. 798.87 crores.
- 3.14.2 The total true-down determined by the Commission in the said order of Rs. 798.87 crores are being passed on in the ARR of FY 2026-27.

### 3.15 IMPACT OF BALANCE SUBSIDY AMOUNT PAYABLE BY GoTG

- 3.15.1 With regard to the proceedings initiated by the Hon'ble APTEL in OP No. 1 of 2025, the Commission, based on the information provided by TGDISCOMs, has filed an affidavit stating the following:

*"... in so far as TGSPDCL is concerned from FY 2015-16 to FY 2023-24, the government has committed Rs.11,075.66 crores towards subsidy, of which Rs. 10,372.82 crores were disbursed and actually received by the TGSPDCL. Similarly, in so far as TGNPDCL is concerned, the government has committed Rs. 43,651.01 crores towards subsidy, of which Rs. 40967.63 crores were disbursed and actually received by the TGNPDCL. Thereby from the FY 2015-16 to FY 2023-24, the government has committed Rs. 54,726.67 crores of subsidy to both the DISCOMs, of which Rs. 51,340.45 crores were disbursed and actually received by the DISCOMs, keeping a balance of Rs. 3,386.22 Crores which constitutes 6% of the total amount committed by the government and not received by the distribution companies of which Rs. 702.84 crores for TGSPDCL and Rs. 2,683.38 crores for TGNPDCL."*

- 3.15.2 The Commission has addressed a letter to the Government of Telangana on 01.10.2025 to indicate the time frame for liquidating the balance subsidy amount of Rs. 3,386.22 crores to be disbursed to TGDISCOMs.
- 3.15.3 Further, in its affidavit dated 11.11.2025, the Commission has submitted to *"pass appropriate tariff orders for recovery of the said balance subsidy amount due to DISCOMS, by way of equated instalments form the ensuing financial year from FY 2026-27 till FY 2030-31 ensuring liquidation of the entire balance subsidy amount with carrying costs in terms and the time line provided in Rule 23 of the Electricity (Amendment) Rules, 2024, as such, the recovery shall be effected through tariffs by the DISCOMs from FY 2026-27 to FY 2030-31."*



3.15.4 In view of the above the Commission has considered the amount of Rs. 3,386.22 crores to be spread over 5 years from FY 2026-27 to FY 2030-31 along with carrying cost and the amount determined is shown below:

**Table 3-35: Balance Subsidy payable by GoTG (Rs. Crores) in FY 2026-27**

| Sl. No | Particulars                                               | TGSPDCL | TGNPDCL  | TGDICOMs |
|--------|-----------------------------------------------------------|---------|----------|----------|
| 1      | Balance subsidy amounts due from GoTG                     | 702.84  | 2,683.38 | 3,386.22 |
| 2      | Amount per year for 5 years from FY 2026-27 to FY 2030-31 | 140.57  | 536.68   | 677.24   |
| 3      | Carrying cost @ SBI MCLR of 8.7%+150 basis points         | 84.34   | 322.01   | 406.35   |
| 4      | Total amount with carrying cost                           | 224.91  | 858.68   | 1,083.59 |

### 3.16 AGGREGATE REVENUE REQUIREMENT (ARR)

#### *TGDISCOMs' Filings*

3.16.1 TGSPDCL has claimed an ARR of Rs. 50,242 crores and TGNPDCL has claimed an ARR of Rs. 22,754 crores for the FY 2026-27.

#### *Stakeholders' Submissions*

3.16.2 Stakeholder submitted that a significant number of assets created by the TGDISCOMs including substations (SS), power transformers (PTRs), lines, and distribution transformers (DTs) are operating at very low utilisation levels, in many cases below 30% of their rated capacity. The Commission may therefore direct the TGDISCOMs to submit comprehensive asset-wise and circle-wise details of loading levels of all substations, PTRs, lines, and DTs. The same may be subjected to prudent scrutiny.

- Submitting ARR that ignores the 3<sup>rd</sup> DISCOM formation is materially deficient and cannot be approved as is.
- Original 5-year capex plan was ~Rs. 7,500 – 8,000 crores and current execution rate of 80% translates to Rs. 6,000 – 6,400 crores likely. Asset base reduction post 3<sup>rd</sup> DISCOM will be around 25%. There is a need for capex to be reduced proportionately. Proposed capex appears inflated and execution-infeasible

3.16.3 Formation of 3<sup>rd</sup> DISCOM under Section 14, Electricity Act 2003, effective 1 April 2026, will transfer all agriculture and government-subsidised loads (agriculture, LIS, HMWSSB, CPWS, municipal water works) to a separate distribution licensee.

- Agricultural DTRs: 2,92,061 units; Book Value Rs. 977 crores, Agri LT Lines: 1,46,031 km; Book Value Rs. 1,231 crores, Total Assets Transferred: Rs. 2,208



crores (from TGSPDCL); Rs. 4,929 crores (statewide), Associated Arrears: Rs. 35,982 crores transferred to 3<sup>rd</sup> DISCOM, Related Payables: Rs. 26,950 crores (TGGENCO payables) transferred, Working Capital Loans: Rs. 9,032 crores allocated to 3<sup>rd</sup> DISCOM.

- b. Consumers Transferred: 29.08 lakh (agriculture, LIS, HMWSSB, CPWS), Energy Requirement Allocation: 42% to 3<sup>rd</sup> DISCOM, 45% to TGSPDCL, 13% to TGNPDCL, PPA Re-allocation: Existing PPAs with TGGENCO, CGS, IPPs, inter-state sources split in proportion of energy requirement, KUSUM & Indira Mahila Sakthi: Future additions allocated to 3<sup>rd</sup> DISCOM.
- c. ARR Deficiency- TGSPDCL's FY 2026-27 ARR filing does not account for 3<sup>rd</sup> DISCOM formation effective 1 April 2026. The petition presents costs and revenues as if TGSPDCL continues serving all current consumer categories and holding all current assets post April 1. This is materially deficient.
- d. Revised ARR Should include: (a) Asset base post-transfer (agricultural DTRs and LT lines removed), (b) Revenue forecast post-transfer of 29.08 lakh agricultural consumers, (c) Revised PPA cost allocation (reduced energy requirement), (d) Reduced capex schedule reflecting smaller asset footprint (e) Revised financing requirements (loans split between DISCOMs), (f) Cost of implementation for DTR smart metering of Rs. 730 crores (TGSPDCL portion) Commission should reject current ARR filing and require TGSPDCL to submit revised FY 2026-27 ARR reflecting post-3<sup>rd</sup> DISCOM asset base and consumer base, with complete bifurcation schedules attested by auditors.

3.16.4 Annual ARR TGSPDCL is Rs. 50,242 crores, Annual Energy Sales: ~63.4 MU, Excess tariff from compliance failures:  $\text{Rs. } 687.75 - 887 \text{ crores} \div 63.4 \text{ MU} = \text{Rs. } 10.85\text{--}14 \text{ paise per kWh.}$

3.16.5 The stakeholder further requested that, TGSPDCL cannot credibly claim further tariff increases while: Failing systematic compliance with regulatory directives (Rs. 415–592 crores annual impact), Operating under entrenched corruption and patronage-driven leadership, proposing Rs. 7,500+ crores capex without Cost-Benefit Analysis or execution feasibility, achieving only 80% capex execution with inflated future proposals, Ignoring low-cost, high-return technical interventions (DSM potential: Rs. 2,243–2,878 crores annual savings), Submitting ARR that does not account for 3<sup>rd</sup> DISCOM formation. The only sustainable path is conditional ARR approval tied to

demonstrable reforms, DSM implementation, loss reduction, and corruption investigation with credible outcomes. Consumer protection and utility sustainability require regulatory discipline. The Commission's approval should be withheld until evidence-based reform is credible.

### ***Petitioner's Replies***

3.16.6 TGSPDCL has submitted that,

- a. the capex proposals are need-based system strengthening schemes formulated through network planning, load-growth assessment, reliability constraints, and statutory requirements. The Commission's investment approval process already provides the mechanism for scheme-wise scrutiny, including technical justification, cost reasonability, and phasing. The objector's sweeping statement that "no CBA exists" is generic and unsubstantiated and ignores that capex is evaluated scheme-wise and admitted only after prudence check.
- b. Capex execution is influenced by RoW constraints, statutory clearances, tender timelines, site readiness, monsoons, supply-chain constraints and vendor capacity, especially for urban and high-density areas. Variations in annual execution do not indicate imprudence; rather, they reflect practical implementation realities. Importantly, only actual capitalization (not mere approval/projection) is considered for ARR treatment, and any under-execution does not get loaded on consumers.
- c. capitalization is undertaken based on completion and put-to-use, supported by certification and records. Wherever the Commission requires additional documentation (scheme-wise status, PCC/FCC, energisation details), TGSPDCL has furnished the same in the manner and timelines directed.
- d. Many assets operate below 30% utilisation: The objection reflects a misunderstanding of distribution planning. Distribution assets are designed with planning margins to meet peak demand, N-1 contingency, load growth, reliability standards, voltage profile requirements, and seasonal peaks. Temporary or location-specific underutilisation may occur due to demand ramp-up lags, new load additions, or phased commissioning, and cannot be construed as wasteful investment. However, the allegation that low utilisation automatically implies imprudence is misplaced.



- e. It may be noted that, Govt of Telangana had issued a GO pertaining to formation of Third Discom on 17<sup>th</sup> December 2025. To comply with the requirement of filing ARR within the stipulated time as outlined by the Commission, TGDISCOMs had undertaken earnest efforts and submitted the filing by 29<sup>th</sup> November 2025. The filing was made all the information available to the licensee at the time of filing.
- f. Subsequent to the issue of GO, the licensees have started taking the next steps with regard to 3<sup>rd</sup> DISCOM formation such as administrative step of company creation. Once the company creation is done, an application for formation of 3<sup>rd</sup> Discom will be filed before the Commission.

3.16.7 It may be noted that a due process as outlined in the Electricity Act/Regulatory provisions needs to be followed before 3<sup>rd</sup> Discom comes into operation.

***Commission's analysis & findings***

3.16.8 The Commission has taken note of the Petitioner's submission that distribution network planning is inherently designed with adequate margins to meet peak demand, ensure reliability under contingency conditions (N-1 criteria), and accommodate future load growth. However, the Commission is of the view that periodic monitoring of asset utilisation is necessary to ensure optimal deployment of capital resources.

3.16.9 The capex schemes are subject to detailed scrutiny at the time of investment approval, including technical necessity, cost reasonability, and phasing. Further, only assets that are actually capitalised and put to use are considered for ARR, thereby safeguarding consumer interest against unexecuted or inefficient investments.

3.16.10 On the issue of formation of the third DISCOM, the Commission has taken note that the ARR filing for FY 2026–27 was submitted prior to the issuance of the Government Order dated 17 December 2025. The Petitioner has submitted that the filing was based on information available at the time of filing and that further steps for operationalisation of the third DISCOM are currently under process, including company formation and regulatory approvals. The Commission observes that the formation of a new licensee under Section 14 of the Electricity Act, 2003 requires due regulatory process, including approval by the Commission, and cannot be presumed as operational without completion of such process.



3.16.11 Nevertheless, the Commission acknowledges that the proposed restructuring *i.e.*, entailing transfer of assets, liabilities, and consumer base will have a material impact on the ARR of existing TGDISCOMs. Therefore, the present filing cannot be rejected solely on this ground, the Commission expects TGDISCOMs to submit requisite information in due course.

3.16.12 Regarding the broader concerns raised by the stakeholder on compliance, cost efficiency, and tariff impact, the Commission has taken note that such claims, including estimates of excess tariff burden, have not been substantiated with verifiable data. The Commission reiterates that tariff determination is carried out based on prudence check of costs, verified data, and regulatory principles

3.16.13 Based on the above analysis the Aggregate Revenue Requirement (ARR) for FY 2026-27 as claimed by the TGDISCOMs vis-à-vis the ARR approved by the Commission, component-wise, is shown below:

**Table 3-36: Aggregate Revenue Requirement (Rs. Crores) approved for FY 2026-27**

| Particulars                                      | Claimed       |               |               | Approved         |                  |                  |
|--------------------------------------------------|---------------|---------------|---------------|------------------|------------------|------------------|
|                                                  | TGSPDCL       | TGNPDCL       | TGDISCOMs     | TGSPDCL          | TGNPDCL          | TGDISCOMs        |
| Power Purchase Expenses                          | 38,492        | 16,075        | 54,567        | 34,958.80        | 14,271.23        | 49,230.02        |
| Inter-State Transmission Charges                 | 1,790         | 747           | 2,537         | 1,789.85         | 747.15           | 2,537.00         |
| Intra-State Transmission Charges                 | 2,275         | 950           | 3,225         | 1,700.92         | 710.02           | 2,410.94         |
| SLDC Charges                                     | 68            | 29            | 97            | 65.59            | 27.38            | 92.96            |
| Distribution Cost-Wheeling Business              | 6,542         | 4,391         | 10,933        | 5,304.49         | 3,795.43         | 9,099.92         |
| <i>Distribution Cost- Retail Supply Business</i> |               |               |               |                  |                  |                  |
| Operation & Maintenance Expenses                 | 452           | 313           | 765           | 413.11           | 293.93           | 707.05           |
| Depreciation                                     | 115           | 66            | 181           | 40.73            | 33.00            | 73.73            |
| Interest and Finance Charges on Loan             | 93            | 40            | 133           | 71.58            | 27.34            | 98.93            |
| Interest on Working Capital                      | -             | 26            | 26            | 0.00             | 0.00             | 0.00             |
| Return on Equity                                 | 48            | 24            | 72            | 61.66            | 38.55            | 100.21           |
| Interest on Consumer Security Deposits           | 366           | 93            | 459           | 367.85           | 91.06            | 458.91           |
| Less: Non-Tariff Income                          | -             | -             | -             | (82.62)          | (61.05)          | (143.67)         |
| <b>Aggregate Revenue Requirement (ARR)</b>       | <b>50,242</b> | <b>22,754</b> | <b>72,996</b> | <b>44,691.95</b> | <b>19,974.05</b> | <b>64,666.00</b> |
| Impact of True-up/down for FY 2024-25            | -             | -             | -             | (195.90)         | (602.97)         | (798.87)         |

| Particulars                                     | Claimed       |               |               | Approved         |                  |                  |
|-------------------------------------------------|---------------|---------------|---------------|------------------|------------------|------------------|
|                                                 | TGSPDCL       | TGNPDCL       | TGDISCOMs     | TGSPDCL          | TGNPDCL          | TGDISCOMs        |
| Balance subsidy amount along with carrying cost | -             | -             | -             | 224.91           | 858.68           | 1,083.59         |
| <b>Net ARR</b>                                  | <b>50,242</b> | <b>22,754</b> | <b>72,996</b> | <b>44,720.96</b> | <b>20,229.76</b> | <b>64,950.72</b> |

### 3.17 COST OF SERVICE (CoS)

#### *TGDISCOMs' Filings*

3.17.1 The TGDISCOMs have computed the Cost of Service (CoS) for each category based on embedded cost methodology. The CoS has been determined based on the average of morning and evening peaks. The Class Load Factor and Maximum Coincident factor peak demand for each category are utilised to arrive at the CoS.

3.17.2 The TGDISCOMs estimated peak demands, both coincident and non-coincident, using basic load shape synthesis model. Load shapes of different categories of consumers were constructed based on the Load Shapes data collected from the field.

3.17.3 The average unit cost of supplying the consumers is claimed as Rs. 7.88/kWh for TGSPDCL and as Rs. 8.63/kWh for TGNPDCL.

**Table 3-37: Cost of Service (CoS) claimed by TGDISCOMs**

| Category Name                                | TGSPDCL       |               |             | TGNPDCL       |               |             |
|----------------------------------------------|---------------|---------------|-------------|---------------|---------------|-------------|
|                                              | Total Cost    | Sales         | CoS         | Total Cost    | Sales         | CoS         |
|                                              | Rs. Crore     | MU            | Rs. /kWh    | Rs. Crore     | MU            | Rs. /kWh    |
| <b>LT</b>                                    |               |               |             |               |               |             |
| Domestic                                     | 11,836        | 13,523        | 8.75        | 4,668         | 5,294         | 8.82        |
| Non-Domestic/Commercial                      | 4,251         | 4,662         | 9.12        | 1,065         | 1,180         | 9.03        |
| Industry                                     | 977           | 1,045         | 9.35        | 218           | 252           | 8.63        |
| Cottage Industries                           | 9             | 9             | 9.39        | 9             | 9             | 9.75        |
| Irrigation & Agriculture                     | 14,574        | 15,428        | 9.45        | 11,886        | 11,962        | 9.94        |
| Street Lighting & PWS                        | 462           | 496           | 9.31        | 403           | 405           | 9.96        |
| Others (General Purpose & Temporary)         | 295           | 332           | 8.91        | 112           | 113           | 9.96        |
| EVs                                          | 83            | 108           | 7.70        | 33            | 33.03         | 9.94        |
| <b>LT Total</b>                              | <b>32,488</b> | <b>35,604</b> | <b>9.12</b> | <b>18,394</b> | <b>19,248</b> | <b>9.56</b> |
| <b>HT category 11 kV</b>                     |               |               |             |               |               |             |
| Industry General                             | 3,461         | 4,900         | 7.06        | 781           | 1,217         | 6.42        |
| Ferro Alloy Units                            | 1             | 1.992         | 7.44        | -             | -             | -           |
| Others                                       | 1,877         | 2,738         | 6.86        | 192           | 297           | 6.45        |
| Wholly Religious Places                      | 0.3           | 0.46          | 5.80        | 0.16          | 0.4           | 4.20        |
| Airports, Bus Stations and Railways Stations | 6             | 8             | 7.56        | 5             | 8             | 6.26        |

| Category Name                                | TGSPDCL          |                  |             | TGNPDCL       |               |             |
|----------------------------------------------|------------------|------------------|-------------|---------------|---------------|-------------|
|                                              | Total Cost       | Sales            | CoS         | Total Cost    | Sales         | CoS         |
|                                              | Rs. Crore        | MU               | Rs. /kWh    | Rs. Crore     | MU            | Rs. /kWh    |
| Lift Irrigation & Agriculture                | 129              | 186              | 6.93        | 130           | 198           | 6.57        |
| Townships & Residential Colonies             | 267              | 383              | 6.97        | 7             | 10            | 6.93        |
| Temporary & EVs                              | 288              | 418              | 6.88        | 9             | 14            | 6.68        |
| RESCO                                        | -                | -                | -           | 856           | 1,545         | 5.54        |
| <b>HT 11 kV Total</b>                        | <b>6,030</b>     | <b>8,635</b>     | <b>6.98</b> | <b>1,979</b>  | <b>3,288</b>  | <b>6.02</b> |
| <b>HT category 33 kV</b>                     |                  |                  |             |               |               |             |
| Industry General                             | 4,691            | 7,849            | 5.98        | 167           | 279           | 5.99        |
| Ferro Alloy Units                            | -                | -                | -           | 22            | 39.23         | 5.59        |
| Others                                       | 1,217            | 1,941            | 6.27        | 10            | 16            | 6.17        |
| Airports, Bus Stations and Railways Stations | -                | -                | -           | -             | -             | -           |
| Lift Irrigation & Agriculture                | 230              | 346              | 6.66        | 249           | 425           | 5.86        |
| Railway Traction                             | 0                | -                | -           | -             | -             | -           |
| Townships & Residential Colonies             | 138              | 204              | 6.77        | 27            | 44            | 6.22        |
| Temporary                                    | 16               | 33               | 4.93        | 5             | 8             | 6.43        |
| Wholly Religious Places                      | 3                | 5                | 5.38        | -             | -             | -           |
| EVs                                          | -                | -                | -           | 19            | 52            | 3.69        |
| <b>HT 33 kV Total</b>                        | <b>6,296</b>     | <b>10,378</b>    | <b>6.07</b> | <b>499</b>    | <b>862</b>    | <b>5.79</b> |
| <b>HT category 132 kV</b>                    |                  |                  |             |               |               |             |
| Industry General                             | 2,781            | 4,985            | 5.58        | 370           | 669           | 5.52        |
| Ferro Alloy Units                            | -                | -                | -           | -             | -             | -           |
| Others                                       | 345              | 522              | 6.60        | 5             | 7             | 7.78        |
| Airports, Bus Stations and Railways Stations | 101              | 182              | 5.53        | -             | -             | -           |
| Lift Irrigation & Agriculture                | 1,729            | 2,649            | 6.53        | 1,101         | 1,575         | 6.99        |
| Railway Traction                             | 401              | 672              | 5.97        | 369           | 655           | 5.63        |
| HMR Traction                                 | 69.67            | 126              | 5.53        | -             | -             | -           |
| Townships & Residential Colonies             | 3                | 1                | 25.49       | 37            | 66            | 5.69        |
| Temporary                                    | -                | -                | -           | -             | -             | -           |
| <b>HT 132 kV Total</b>                       | <b>5,428</b>     | <b>9,136</b>     | <b>5.94</b> | <b>1,882</b>  | <b>2,972</b>  | <b>6.33</b> |
| <b>HT Total</b>                              | <b>17,754</b>    | <b>28,150</b>    | <b>6.31</b> | <b>4,360</b>  | <b>7,123</b>  | <b>6.12</b> |
| <b>LT Total</b>                              | <b>32,488</b>    | <b>35,604</b>    | <b>9.12</b> | <b>18,394</b> | <b>19,248</b> | <b>9.56</b> |
| <b>Total</b>                                 | <b>50,242.04</b> | <b>63,753.28</b> | <b>7.88</b> | <b>22,754</b> | <b>26,371</b> | <b>8.63</b> |

### Commission's analysis & findings

3.17.4 The Commission has adopted the embedded cost methodology to determine the Category-wise CoS. The class load factors, and maximum coincident demand factors furnished by the licensees were analysed and all the cost components of the Aggregate Revenue Requirement as determined by the Commission for TGSPDCL and TGNPDCL have been allocated to the existing consumer categories to determine their



respective CoS.

3.17.5 The costs are functionalised under various heads *viz.*, generation, transmission, distribution and retail supply. Post functionalisation, based on their nature, the costs are categorised into demand and energy components. The demand related costs comprise fixed cost of power procurement, distribution cost, transmission cost (inter-state and intra-state), and load dispatch charges. The energy related costs comprise variable cost of power procurement, interest on consumer security deposit and other costs of retail supply business.

3.17.6 These categories of costs are allocated to individual consumer categories based on the specific allocation factor computed considering the category-wise approved sales, connected load/contracted demand, class load factor, non-coincident demand of co-incident factor to peak demand and voltage-wise assets & losses (technical).

3.17.7 After allocation of all cost components to the individual consumer categories, per-unit CoS is arrived at by dividing cost by the approved sales for the respective category. The CoS thus computed differs from one consumer category to other on account of factors mentioned in the above paragraphs.

3.17.8 The CoS worked out for each consumer category has been used to determine the tariff and cross subsidy required to recover the approved ARR for FY 2026-27 in respect of each TGDISCOM.

3.17.9 The CoS computed for each consumer category is as shown below:

**Table 3-38: Cost of Service for each category determined for FY 2026-27 (Rs. /kWh)**

| Consumer Category           |                                  | TGSPDCL | TGNPDCL | TGDISCOMs |
|-----------------------------|----------------------------------|---------|---------|-----------|
| <b>LT Category</b>          |                                  |         |         |           |
| LT-I                        | Domestic                         | 7.96    | 8.45    | 8.09      |
| LT-II                       | Non-Domestic/ Commercial/ Others | 8.28    | 9.23    | 8.47      |
| LT-III                      | Industrial                       | 8.45    | 8.62    | 8.48      |
| LT-IV                       | Cottage Industries               | 8.53    | 10.38   | 9.45      |
| LT-V                        | Agricultural                     | 8.53    | 9.61    | 8.99      |
| LT-VI                       | Street Lighting & PWS            | 8.51    | 10.55   | 9.41      |
| LT-VII                      | General Purpose                  | 8.12    | 10.55   | 9.21      |
| LT-VIII                     | Temporary Supply                 | 8.12    | 10.55   | 8.35      |
| LT-IX                       | EV Charging Stations             | 6.81    | 8.44    | 7.93      |
| <b>HT Category at 11 kV</b> |                                  |         |         |           |
| HT-I(A)                     | Industry                         | 6.99    | 7.00    | 6.99      |
| HT-I(B)                     | Ferro Alloys                     | 8.46    | 0.00    | 8.46      |

| Consumer Category            |                                             | TGSPDCL     | TGNPDCL     | TGDISCOMs   |
|------------------------------|---------------------------------------------|-------------|-------------|-------------|
| HT-II(A)                     | Others (Commercial)                         | 6.69        | 7.21        | 6.74        |
| HT-II(B)                     | Wholly Religious Places                     | 5.83        | 3.66        | 4.68        |
| HT-III                       | Airports, Bus Stations and Railway Stations | 7.61        | 7.63        | 7.62        |
| HT-IV(A)                     | Irrigation & Agriculture                    | 6.74        | 7.01        | 6.86        |
| HT-IV(B)                     | CPWS Schemes                                | 6.74        | 7.01        | 6.89        |
| HT-VA                        | Railway Traction                            | 0.00        | 0.00        | 0.00        |
| HT-VB                        | HMR                                         | 0.00        | 0.00        | 0.00        |
| HT-VI                        | Townships and Residential Colonies          | 7.27        | 7.13        | 7.27        |
| HT-VII                       | Temporary Supply                            | 6.69        | 7.28        | 6.71        |
| HT-VIII                      | RESCOs                                      | 0.00        | 7.26        | 7.26        |
| HT-IX                        | EV Charging Stations                        | 6.69        | 0.00        | 6.69        |
| <b>HT Category at 33 kV</b>  |                                             |             |             |             |
| HT-I(A)                      | Industry                                    | 5.99        | 6.49        | 6.01        |
| HT-I(B)                      | Ferro Alloys                                | 0.00        | 6.13        | 6.13        |
| HT-II(A)                     | Others (Commercial)                         | 6.13        | 6.32        | 6.14        |
| HT-II(B)                     | Wholly Religious Places                     | 5.30        | 0.00        | 5.30        |
| HT-III                       | Airports, Bus Stations and Railway Stations | 0.00        | 0.00        | 0.00        |
| HT-IV(A)                     | Irrigation & Agriculture                    | 6.73        | 6.21        | 6.51        |
| HT-IV(B)                     | CPWS Schemes                                | 6.73        | 6.21        | 6.43        |
| HT-V(A)                      | Railway Traction                            | 0.00        | 0.00        | 0.00        |
| HT-VB                        | HMR                                         | 0.00        | 0.00        | 0.00        |
| HT-VI                        | Townships and Residential Colonies          | 6.71        | 6.63        | 6.70        |
| HT-VII                       | Temporary Supply                            | 6.02        | 6.90        | 6.18        |
| HT-VIII                      | RESCOs                                      | 0.00        | 0.00        | 0.00        |
| HT-IX                        | EV Charging Stations                        | 6.02        | 6.13        | 6.12        |
| <b>HT Category at 132 kV</b> |                                             |             |             |             |
| HT-I(A)                      | Industry                                    | 5.51        | 6.12        | 5.59        |
| HT-I(B)                      | Ferro Alloys                                | 0.00        | 0.00        | 0.00        |
| HT-II(A)                     | Others (Commercial)                         | 6.13        | 5.83        | 6.13        |
| HT-II(B)                     | Wholly Religious Places                     | 0.00        | 0.00        | 0.00        |
| HT-III                       | Airports, Bus Stations and Railway Stations | 5.68        | 0.00        | 5.68        |
| HT-IV(A)                     | Irrigation & Agriculture                    | 5.83        | 5.92        | 5.87        |
| HT-IV(B)                     | CPWS                                        | 5.83        | 5.92        | 5.84        |
| HT-VA                        | Railway Traction                            | 6.30        | 5.91        | 6.11        |
| HT-VB                        | HMR                                         | 6.02        | 0.00        | 6.02        |
| HT-VI                        | Townships and Residential Colonies          | 0.00        | 5.79        | 5.79        |
| HT-VII                       | Temporary Supply                            | 0.00        | 0.00        | 0.00        |
| HT-VIII                      | RESCOs                                      | 0.00        | 0.00        | 0.00        |
| HT-IX                        | EV Charging Stations                        | 5.67        | 0.00        | 5.67        |
| <b>Grand Total</b>           |                                             | <b>7.31</b> | <b>8.48</b> | <b>7.64</b> |

3.17.10 The average CoS for FY 2026-27 is determined as Rs. 7.31/kWh for TGSPDCL, Rs.

8.48/kWh for TGNPDCL and Rs. 7.64/kWh at State level.

3.17.11 The computations of Cost of Service for FY 2026-27 are enclosed as **Annexure VIII**.

### 3.18 REFERENCE TARIFF SCHEDULE

3.18.1 The Commission after determining the Aggregate Revenue Requirement (ARR) for FY 2026-27 as above, has considered the Reference Tariff Schedule as shown below in order to estimate the revenue at current tariffs and subsequent revenue deficit.

**Table 3-39: Reference Tariff Schedule for FY 2026-27**

| Category                                                               | Fixed/Demand Charge |                 | Energy Charge |
|------------------------------------------------------------------------|---------------------|-----------------|---------------|
|                                                                        | Unit                | Rs. /Unit/month | (Rs. /Unit)   |
| <b>Low Tension</b>                                                     |                     |                 |               |
| <b>LT-I: Domestic</b>                                                  |                     |                 |               |
| <b>LT-I (A): Up to 100 units/month</b>                                 |                     |                 |               |
| 0-50                                                                   | kW                  | 10              | 1.95          |
| 51-100                                                                 | kW                  | 10              | 3.10          |
| <b>LT-I (B) (i): Above 100 units/month &amp; up to 200 units/month</b> |                     |                 |               |
| 0-100                                                                  | kW                  | 10              | 3.40          |
| 101-200                                                                | kW                  | 10              | 4.80          |
| <b>LT-I (B) (ii): Above 200 units/month</b>                            |                     |                 |               |
| 0-200                                                                  | kW                  | 10              | 5.10          |
| 201-300                                                                | kW                  | 10              | 7.70          |
| 301-400                                                                | kW                  | 10              | 9.00          |
| 401-800                                                                | kW                  | 10              | 9.50          |
| Above 800 units                                                        | kW                  | 50              | 10.00         |
| <b>LT-II: Non-Domestic/Commercial</b>                                  |                     |                 |               |
| <b>LT-II(A): Up to 50 units/month</b>                                  |                     |                 |               |
| 0-50                                                                   | kW                  | 30              | 7.00          |
| <b>LT-II(B): Above 50 units/month</b>                                  |                     |                 |               |
| 0-100                                                                  | kW                  | 70              | 8.50          |
| 101-300                                                                | kW                  | 70              | 9.90          |
| 301-500                                                                | kW                  | 100             | 10.40         |
| Above 500                                                              | kW                  | 100             | 11.00         |
| <b>LT-II (C): Advertising Hoardings</b>                                | kW                  | 150             | 13.00         |
| <b>LT-II (D): Haircutting salons up to 200 units/month</b>             |                     |                 |               |
| 0-50                                                                   | kW                  | 60              | 5.30          |
| 51-100                                                                 | kW                  | 60              | 6.60          |
| 101-200                                                                | kW                  | 60              | 7.50          |
| <b>LT-III: Industry</b>                                                |                     |                 |               |
| Industries                                                             | kW                  | 100             | 7.70          |
| Seasonal Industries (off- season)                                      | kW                  | 100             | 8.40          |
| Pisciculture/Prawn culture                                             | kW                  | 50              | 6.20          |



| Category                                                                                                                                                                                                                                                                                                          | Fixed/Demand Charge |                                             | Energy Charge |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------|---------------|
|                                                                                                                                                                                                                                                                                                                   | Unit                | Rs. /Unit/month                             | (Rs. /Unit)   |
| Sugarcane crushing                                                                                                                                                                                                                                                                                                | kW                  | 50                                          | 6.20          |
| Poultry farms                                                                                                                                                                                                                                                                                                     | kW                  | 65                                          | 7.00          |
| Mushroom, Rabbit, Sheep and Goat farms                                                                                                                                                                                                                                                                            | kW                  | 100                                         | 7.30          |
| <i>For Rice Mills under LT-III Industry, the upper limit of Contract Load shall be 93 kW/125 HP;<br/>For the remaining consumers under LT-III Industry, the upper limit of Contract Load shall be 75kW/100 HP.</i>                                                                                                |                     |                                             |               |
| <b>LT-IV: Cottage Industries &amp; Agro Based Activities</b>                                                                                                                                                                                                                                                      |                     |                                             |               |
| <b>LT-IV (A): Cottage Industries</b>                                                                                                                                                                                                                                                                              | kW                  | 20                                          | 4.00          |
| <b>LT-IV (B): Agro Based Activities</b>                                                                                                                                                                                                                                                                           | kW                  | 20                                          | 4.00          |
| <i>For LT-IV(B) Agro Based Activities, the upper limit of Connected Load for Mushroom growing, Rabbit farming, Sheep farming, Goat farming, and Dairy farming activities shall be 25 HP; For the remaining consumers under LT- IV(B) Agro Based Activities, the upper limit of Connected Load shall be 20 HP.</i> |                     |                                             |               |
| <b>LT-V: Agricultural</b>                                                                                                                                                                                                                                                                                         |                     |                                             |               |
| <b>LT-V (A): Agriculture (DSM Measures mandatory)</b>                                                                                                                                                                                                                                                             |                     |                                             |               |
| Corporate Farmers                                                                                                                                                                                                                                                                                                 | HP                  | -                                           | 2.50          |
| Other than Corporate Farmers                                                                                                                                                                                                                                                                                      | HP                  | -                                           | 0.00          |
| <b>LT-V (B): Others</b>                                                                                                                                                                                                                                                                                           |                     |                                             |               |
| Horticulture Nurseries with CL up to 20 HP                                                                                                                                                                                                                                                                        | HP                  | 20                                          | 4.00          |
| <b>LT-VI: Street Lighting &amp; PWS Schemes</b>                                                                                                                                                                                                                                                                   |                     |                                             |               |
| <b>LT-VI (A): Street Lighting</b>                                                                                                                                                                                                                                                                                 |                     |                                             |               |
| Panchayats                                                                                                                                                                                                                                                                                                        | kW                  | 32                                          | 7.10          |
| Municipalities                                                                                                                                                                                                                                                                                                    | kW                  | 32                                          | 7.60          |
| Municipal Corporations                                                                                                                                                                                                                                                                                            | kW                  | 32                                          | 8.10          |
| <b>LT-VI (B): PWS Schemes</b>                                                                                                                                                                                                                                                                                     |                     |                                             |               |
| Panchayats                                                                                                                                                                                                                                                                                                        | HP                  | 32/HP subject to a minimum of Rs. 50/month  | 6.00          |
| Municipalities                                                                                                                                                                                                                                                                                                    | HP                  | 32/HP subject to a minimum of Rs. 100/month | 7.10          |
| Municipal Corporations                                                                                                                                                                                                                                                                                            | HP                  | 32/HP subject to a minimum of Rs. 100/month | 7.60          |
| <b>LT-VII: General</b>                                                                                                                                                                                                                                                                                            |                     |                                             |               |
| LT-VII (A): General Purpose                                                                                                                                                                                                                                                                                       | kW                  | 21                                          | 8.30          |
| LT-VII (B): Wholly Religious Places                                                                                                                                                                                                                                                                               | kW                  | 30                                          | 5.00          |
| <b>LT-VIII: Temporary Supply</b>                                                                                                                                                                                                                                                                                  | kW                  | 21                                          | 12.00         |
| <i>For LT-VIII Temporary Supply, the consumer shall be required to deposit in advance the estimated consumption charges along with other charges as stipulated in the Tariff Order.</i>                                                                                                                           |                     |                                             |               |
| <b>LT-IX: EV Charging Stations</b>                                                                                                                                                                                                                                                                                | kW                  | 0                                           | 6.00          |
| <b>High Tension</b>                                                                                                                                                                                                                                                                                               |                     |                                             |               |
| <b>HT-I (A): Industry General</b>                                                                                                                                                                                                                                                                                 |                     |                                             |               |
| 11 kV                                                                                                                                                                                                                                                                                                             | kVA                 | 500                                         | 7.65          |

| Category                                                  | Fixed/Demand Charge |                 | Energy Charge |
|-----------------------------------------------------------|---------------------|-----------------|---------------|
|                                                           | Unit                | Rs. /Unit/month | (Rs. /Unit)   |
| 33 kV                                                     | kVA                 | 500             | 7.15          |
| 132 kV and above                                          | kVA                 | 500             | 6.65          |
| <b>HT-I (A): Lights and Fans</b>                          |                     |                 |               |
| 11 kV                                                     |                     | -               | 7.65          |
| 33 kV                                                     |                     | -               | 7.15          |
| 132 kV and above                                          |                     | -               | 6.65          |
| <b>HT-I (A): Poultry Farms</b>                            |                     |                 |               |
| 11 kV                                                     | kVA                 | 500             | 7.65          |
| 33 kV                                                     | kVA                 | 500             | 7.15          |
| <b>HT-I (A): Colony Consumption</b>                       |                     |                 |               |
| 11 kV                                                     |                     | -               | 7.30          |
| 33 kV                                                     |                     | -               | 7.30          |
| 132 kV and above                                          |                     | -               | 7.30          |
| <b>HT-I (A): Seasonal Industries</b>                      |                     |                 |               |
| 11 kV                                                     | kVA                 | 500             | 8.60          |
| 33 kV                                                     | kVA                 | 500             | 7.90          |
| 132 kV and above                                          | kVA                 | 500             | 7.70          |
| <b>HT-I (A): Optional Category with CMD Up to 150 kVA</b> |                     |                 |               |
| 11 kV                                                     | kVA                 | 100             | 8.00          |
| <b>HT-I (B): Ferro Alloys</b>                             |                     |                 |               |
| 11 kV                                                     | kVA                 | 500             | 7.65          |
| 33 kV                                                     | kVA                 | 500             | 7.15          |
| 132 kV and above                                          | kVA                 | 500             | 6.65          |
| <b>HT-II (A) OTHERS</b>                                   |                     |                 |               |
| 11 kV                                                     | kVA                 | 500             | 8.80          |
| 33 kV                                                     | kVA                 | 500             | 8.00          |
| 132 kV and above                                          | kVA                 | 500             | 7.80          |
| <b>HT-II (B) Wholly Religious Places</b>                  |                     |                 |               |
| 11 kV                                                     | kVA                 | 285             | 5.00          |
| 33 kV                                                     | kVA                 | 285             | 5.00          |
| 132 kV and above                                          | kVA                 | 285             | 5.00          |
| <b>HT-III Airports, Railway stations and Bus stations</b> |                     |                 |               |
| 11 kV                                                     | kVA                 | 500             | 8.50          |
| 33 kV                                                     | kVA                 | 500             | 7.85          |
| 132 kV and above                                          | kVA                 | 500             | 7.45          |
| <b>HT-IV (A) Irrigation and Agriculture</b>               |                     |                 |               |
| 11 kV                                                     | kVA                 | 300             | 6.30          |
| 33 kV                                                     | kVA                 | 300             | 6.30          |
| 132 kV and above                                          | kVA                 | 300             | 6.30          |
| <b>HT-IV (B) CPWS Schemes</b>                             |                     |                 |               |
| 11 kV                                                     | kVA                 | -               | 6.10          |
| 33 kV                                                     | kVA                 | -               | 6.10          |
| 132 kV and above                                          | kVA                 | -               | 6.10          |

| Category                                                                                                                                                                               | Fixed/Demand Charge |                 | Energy Charge |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------|---------------|
|                                                                                                                                                                                        | Unit                | Rs. /Unit/month | (Rs. /Unit)   |
| <b>HT-V (A) Railway Traction</b>                                                                                                                                                       | kVA                 | 500             | 5.05          |
| <b>HT-V (B) HMR</b>                                                                                                                                                                    | kVA                 | 500             | 4.95          |
| <b>HT-VI Townships &amp; Residential Colonies</b>                                                                                                                                      |                     |                 |               |
| 11 kV                                                                                                                                                                                  | kVA                 | 285             | 7.30          |
| 33 kV                                                                                                                                                                                  | kVA                 | 285             | 7.30          |
| 132 kV and above                                                                                                                                                                       | kVA                 | 285             | 7.30          |
| <b>HT-VII: Temporary Supply</b>                                                                                                                                                        |                     |                 |               |
| 11 kV                                                                                                                                                                                  | kVA                 | 500             | 11.80         |
| 33 kV                                                                                                                                                                                  | kVA                 | 500             | 11.00         |
| 132 kV and above                                                                                                                                                                       | kVA                 | 500             | 10.80         |
| <i>For HT-VII Temporary Supply, the consumer shall be required to deposit in advance the estimated consumption charges along with other charges as stipulated in the Tariff Order.</i> |                     |                 |               |
| <b>HT-VIII: RESCO</b>                                                                                                                                                                  |                     |                 |               |
| 11 kV                                                                                                                                                                                  |                     | -               | 4.77          |
| <b>HT-IX: EV Charging Stations</b>                                                                                                                                                     |                     |                 |               |
| 11 kV                                                                                                                                                                                  | kVA                 | 100             | 6.00          |
| 33 kV                                                                                                                                                                                  | kVA                 | 100             | 6.00          |
| 132 kV and above                                                                                                                                                                       | kVA                 | 100             | 6.00          |

### 3.19 TIME OF DAY (TOD) TARIFFS:

3.19.1 The following Time of Day (TOD) Tariffs are applicable for categories viz.,

- HT-I (A) Industry General;
- HT-I (A) Poultry Farms;
- HT-II (A) Others;
- HT-II (B) Wholly Religious Places;
- HT-III Airports, Railway stations and Bus Stations
- HT-IX Electric Vehicle Charging Stations;

**Table 3-40: Applicable Time of Day (TOD) Tariffs**

| Description             | During the Period                     | ToD Tariff over Retail Supply Energy Charges for FY 2026-27 |
|-------------------------|---------------------------------------|-------------------------------------------------------------|
| Time of Day (TOD)Tariff | 6 am to 10 am<br>and<br>6 pm to 10 pm | Plus Rs. 1.00/unit                                          |
| Time of Day (TOD)Tariff | 10 pm to 6 am                         | Less Rs. 0.00/unit                                          |

### 3.20 REVENUE AT REFERENCE TARIFFS

#### *Stakeholders' Submissions*

3.20.1 The stakeholder strongly objects to the continuation of the Fuel Surcharge Adjustment (FSA)/Fuel and Power Purchase Cost Adjustment (FPPCA) mechanism, arguing that



it imposes significant and recurring financial burdens on consumers without adequate transparency or accountability. Despite being presented as a tool to address uncontrollable cost variations, in practice it has become a means for utilities to recover substantial additional revenues over and above approved tariffs, often without clearly reflecting these collections in projected revenues. This creates ambiguity and leads to future true-up claims, ultimately shifting financial risks onto consumers.

- 3.20.2 The stakeholder further submitted that the existing framework suffers from structural inconsistencies and regulatory shortcomings. The system allows utilities to repeatedly claim revenue gaps through FSA and true-up processes while avoiding deeper scrutiny of policy decisions, cost inefficiencies, and governance failures that contribute to such gaps. As a result, consumers are unfairly burdened with the consequences of systemic inefficiencies across government, regulatory bodies, and utilities, without any comprehensive re-evaluation of the underlying causes.
- 3.20.3 The current arrangement undermines the integrity of the tariff-setting process. Since the ARR already accounts for various cost components and subsidies, allowing separate recovery through FSA and true-up creates duplication and reduces the obligation of the government to provide explicit subsidies. This not only distorts tariff transparency but also enables the perception that tariffs remain stable while additional charges are imposed indirectly on consumers.
- 3.20.4 In view of these concerns, the stakeholder proposes that all variations in costs and revenue gaps of a financial year should be incorporated into the ARR of the subsequent year, rather than being recovered through FSA and true-up mechanisms. Such an approach would enhance transparency, ensure equitable distribution of costs, reduce regulatory delays, and align subsidy commitments with actual financial requirements, thereby protecting consumer interests while maintaining the financial viability of distribution companies.

### ***Petitioner's Replies***

- 3.20.5 The petitioners submitted that, regarding non-levy of FSA/FCA for FY 2023-24 and FY 2024-25 and non-claiming of true-up amounts does not address the fundamental concerns raised. Mere deferment of recovery neither eliminates the liability nor protects consumers, as such amounts are eventually accumulated and passed on in future periods. This practice only postpones the burden and creates uncertainty for

consumers, defeating the principles of transparency and predictability in tariff determination.

- 3.20.6 The stakeholder's submission that the claim of FCA is an essential regulatory tool for addressing uncontrollable cost variations is overstated. While such variations may exist, the current tariff determination process under ARR already factors in projections of power purchase costs and other expenditures. Allowing additional recovery through FCA results in duplication and weakens the discipline required in making realistic projections. It also reduces the accountability of utilities and the State Government in managing costs and providing appropriate subsidies.
- 3.20.7 The petitioners submitted that FSA/FCA and true-up mechanisms ensure fairness and transparency. In practice, these mechanisms have led to frequent revisions, delayed claims, and accumulation of substantial recoverable amounts, placing an uneven and retrospective burden on consumers. The proportional distribution of such costs based on consumption does not mitigate the inherent inequity, especially when consumers have no control over the underlying inefficiencies or policy decisions driving such cost escalations.
- 3.20.8 In view of the above, the petitioners reiterate that incorporating all permissible cost variations and revenue gaps into the ARR of the subsequent financial year is a more transparent, equitable, and efficient approach. This would ensure timely regulatory scrutiny, proper alignment of subsidies, and avoidance of regulatory lag, while also safeguard consumer interests and maintain financial stability of the distribution utilities.

### ***Commission's analysis & findings***

- 3.20.9 The Commission has taken note of the submissions of the stakeholders and the replies of the petitioners.
- 3.20.10 The following table shows the category-wise revenue determined by the Commission for FY 2026-27 at the Reference Tariffs:

**Table 3-41: Revenue at Reference Tariffs (Rs. crores) determined for FY 2026-27**

| CONSUMER CATEGORY |          | TGSPDCL  | TGNPDCL  | TGDISCOMs |
|-------------------|----------|----------|----------|-----------|
| LT Category       |          |          |          |           |
| I                 | Domestic | 7,424.63 | 2,438.29 | 9,862.92  |

| CONSUMER CATEGORY                      |                                             | TGSPDCL  | TGNPDCL  | TGDISCOMs |
|----------------------------------------|---------------------------------------------|----------|----------|-----------|
| II                                     | Non-Domestic/Commercial/Others              | 5,320.71 | 1,331.49 | 6,652.20  |
| III                                    | Industrial                                  | 943.63   | 248.91   | 1,192.53  |
| IV                                     | Cottage Industries                          | 4.45     | 4.51     | 8.95      |
| V                                      | Agricultural                                | 65.19    | 53.23    | 118.42    |
| VI                                     | Street Lighting & PWS Schemes               | 382.77   | 282.24   | 665.01    |
| VII                                    | General Purpose                             | 102.43   | 81.67    | 184.10    |
| VIII                                   | Temporary Supply                            | 261.08   | 27.05    | 288.13    |
| IX                                     | EV Charging Stations                        | 9.65     | 20.44    | 30.09     |
| <b>HT Category at 11 kV</b>            |                                             |          |          |           |
| HT-I                                   | Industry                                    | 4,805.19 | 1,206.57 | 6,011.76  |
| HT-I(B)                                | Ferro Alloys                                | 1.01     | 0.00     | 1.01      |
| HT-II(A)                               | Others (Commercial)                         | 3,176.51 | 361.06   | 3,537.57  |
| HT-II(B)                               | Wholly Religious Places                     | 0.30     | 0.33     | 0.62      |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 7.98     | 8.55     | 16.53     |
| HT-IV(A)                               | Irrigation & Agriculture                    | 35.73    | 33.32    | 69.05     |
| HT-IV(B)                               | CPWS Schemes                                | 85.95    | 103.52   | 189.47    |
| HT-VA                                  | Railway Traction                            | 0.00     | 0.00     | 0.00      |
| HT-VB                                  | HMR                                         | 0.00     | 0.00     | 0.00      |
| HT-VI                                  | Townships and Residential Colonies          | 328.67   | 7.79     | 336.46    |
| HT-VII                                 | Temporary Supply                            | 534.34   | 15.73    | 550.07    |
| HT-VIII                                | RESCOs                                      | 0.00     | 528.09   | 528.09    |
| HT-IX                                  | EV Charging Stations                        | 42.60    | 0.00     | 42.60     |
| <b>HT Category at 33 kV</b>            |                                             |          |          |           |
| HT-I                                   | Industry                                    | 6,788.39 | 251.99   | 7,040.38  |
| HT-I(B)                                | Ferro Alloys                                | 0.00     | 30.04    | 30.04     |
| HT-II(A)                               | Others (Commercial)                         | 1,964.73 | 19.93    | 1,984.66  |
| HT-II(B)                               | Wholly Religious Places                     | 3.03     | 0.00     | 3.03      |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 0.00     | 0.00     | 0.00      |
| HT-IV(A)                               | Irrigation & Agriculture                    | 53.50    | 41.14    | 94.64     |
| HT-IV(B)                               | CPWS Schemes                                | 174.83   | 237.07   | 411.90    |
| HT-V(A)                                | Railway Traction                            | 0.00     | 0.00     | 0.00      |
| HT-VB                                  | HMR                                         | 0.00     | 0.00     | 0.00      |
| HT-VI                                  | Townships and Residential Colonies          | 179.12   | 34.86    | 213.97    |
| HT-VII                                 | Temporary Supply                            | 47.94    | 9.66     | 57.60     |
| HT-VIII                                | RESCOs                                      | 0.00     | 0.00     | 0.00      |
| HT-IX                                  | EV Charging Stations                        | 6.77     | 33.92    | 40.70     |
| <b>HT Category at 132 kV and above</b> |                                             |          |          |           |
| HT-I                                   | Industry                                    | 4,042.59 | 596.43   | 4,639.03  |
| HT-I(B)                                | Ferro Alloys                                | 0.00     | 0.00     | 0.00      |
| HT-II(A)                               | Others (Commercial)                         | 602.36   | 14.74    | 617.10    |
| HT-II(B)                               | Wholly Religious Places                     | 0.00     | 0.00     | 0.00      |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 147.78   | 0.00     | 147.78    |
| HT-IV(A)                               | Irrigation & Agriculture                    | 1,868.68 | 1,403.68 | 3,272.36  |



| CONSUMER CATEGORY  |                                    | TGSPDCL          | TGNPDCL         | TGDISCOMs        |
|--------------------|------------------------------------|------------------|-----------------|------------------|
| HT-IV(B)           | CPWS                               | 191.40           | 19.23           | 210.63           |
| HT-VA              | Railway Traction                   | 449.66           | 436.75          | 886.41           |
| HT-VB              | HMR                                | 73.97            | 0.00            | 73.97            |
| HT-VI              | Townships and Residential Colonies | 0.00             | 51.71           | 51.71            |
| HT-VII             | Temporary Supply                   | 0.00             | 0.00            | 0.00             |
| HT-VIII            | RESCOs                             | 0.00             | 0.00            | 0.00             |
| HT-IX              | EV Charging Stations               | 1.34             | 0.00            | 1.34             |
| <b>Grand Total</b> |                                    | <b>40,128.90</b> | <b>9,933.92</b> | <b>50,062.82</b> |

3.20.11 The total revenue at reference tariffs determined by the Commission for FY 2026-27 is Rs. 50,062.82 crores and considering the approved energy sales of 85,027.20 MU, the average recovery of cost as per the above tariff schedule works out to Rs.5.89/kWh.

3.20.12 The average CoS for FY 2026-27 is Rs. 7.64/kWh and the average recovery of cost through revenue realisation is Rs. 5.89/kWh, leaving a deficit of Rs. 1.75/kWh. This deficit needs to be recovered by way of other incomes/ revenues (non-tariff income, revenue from cross subsidy surcharge and revenue from additional surcharge) and the subsidy of State Government to compensate TGDISCOMs for supply of electricity at subsidised rates for certain category of consumers.

### 3.21 CROSS SUBSIDY SURCHARGE (CSS)

#### *TGDISCOMs' Filings*

3.21.1 TGDISCOMs considered following assumptions to compute category-wise cross subsidy:

- Category-wise average realisation from the current tariffs, considering current tariffs as per TGDISCOMs ARR filings.
- Weighted average power purchase cost of Rs. 5.35/kWh
- Wheeling charges and losses computed across voltages considering wheeling charges approved by the Commission.

3.21.2 The CSS proposed by TGDISCOMs for FY 2026-27 is shown below:

**Table 3-42: CSS claimed by TGDISCOMs for FY 2026-27**

| CONSUMER CATEGORY          | TGSPDCL | TGNPDCL |
|----------------------------|---------|---------|
| <b>HT 11 kV</b>            |         |         |
| HT I (A): Industry General | 1.98    | 1.99    |
| HT II (A): Others          | 2.33    | 2.38    |

| CONSUMER CATEGORY                                   | TGSPDCL | TGNPDCL |
|-----------------------------------------------------|---------|---------|
| HT III: Airports, Bus Stations and Railway Stations | 2.30    | 2.08    |
| HT IV (A): Irrigation and Agriculture               | 1.53    | 2.07    |
| HT VI: Townships and Residential Colonies           | 1.73    | 1.78    |
| HT VII: Temporary Supply                            | 2.93    | 3.07    |
| HT -IX: EV Charging Stations                        | 0.40    | -       |
| <b>HT 33 kV</b>                                     |         |         |
| HT I (A): Industry General                          | 1.73    | 1.79    |
| HT I (B): Ferro Alloys                              | -       | 1.57    |
| HT II (A): Others                                   | 2.04    | 2.20    |
| HT IV (A): Irrigation and Agriculture               | 1.75    | 1.98    |
| HT IV (B): CPWS                                     | 0.14    | 0.06    |
| HT VI: Townships and Residential Colonies           | 1.74    | 1.64    |
| HT VII: Temporary Supply                            | 2.98    | 2.69    |
| HT IX- EV Charging Station                          | 2.26    | 0.82    |
| <b>HT 132 kV</b>                                    |         |         |
| HT I (A): Industry General                          | 1.62    | 1.71    |
| HT II (A): Others                                   | 2.34    | 4.11    |
| HT III: Airports, Bus Stations and Railway Stations | 1.71    | -       |
| HT IV (A): Irrigation and Agriculture               | 1.60    | 1.88    |
| HT IV (B): CPWS                                     | 0.45    | 0.39    |
| HT V- Railway Traction                              | 0.92    | 0.85    |
| HT VI: Townships and Residential Colonies           | -       | 1.71    |
| HT-IX EV Charging Stations                          | 2.12    | -       |

### Stakeholders' Submissions

3.21.3 Stakeholders have submitted that, for FY 2026-27, revenue from cross subsidy surcharge is estimated to be Rs. 168.5 crores from HT consumers only for TGSPDCL, while TGNPDCL has not projected any revenue from cross subsidy surcharge. This reflects an imbalanced pattern of development between the areas covered under both the TGDISCOMs. It underlines the need for developing HT industries and commercial entities in the areas under TGNPDCL, with necessary steps to be taken by the state government in that direction for planned decentralization of balanced development of all the areas in the state. Projected revenue from CSS of Rs. 168.50 crores to TGSPDCL constitutes an insignificant 0.335% of its ARR. There is CSS being imposed on LT consumers under some of the slabs where the tariffs exceed cost of service. In other words, successive Commissions have been consciously reducing the percentage of CSS over the years, even though the TGDISCOMs have not been seeking such a drastic reduction vis-à-vis 20% of CSS. Compared to the cost of service,

the tariffs applicable to different categories of consumers under some of the slabs, both HT and LT, show that CSS is being paid by them. There is no segregation of revenue from CSS from HT categories and LT categories separately in case of TGSPDCL. Though TGNPDCL has not shown any revenue under CSS, it is obvious that it is getting some revenue under CSS going by the cost of service and tariffs applicable to some categories of consumers under different slabs. The revenue TGNPDCL is getting under CSS from HT and LT consumers is not known. The Commission is requested to show in the RSTO not only subsidy being given by the state government to the categories of consumers concerned, DISCOM-wise and category/slab-wise, but also the component of CSS.

- 3.21.4 Stakeholder has submitted that, the proposal of TGSPDCL to increase the Cross Subsidy Surcharge (CSS) by more than 11% for example, for 33 kV (HT-1A) consumers from Rs. 1.56 per unit to Rs. 1.73 per unit is contrary to the express mandate of the Electricity Act, 2003 and the statutory policies issued thereunder. In terms of Section 42(2) of the Electricity Act, 2003, read with Clause 8.3 of the National Tariff Policy, 2016 (as amended in 2023) and Para 5.4.7 of the National Electricity Policy, 2005, both cross subsidy and cross subsidy surcharge are required to be progressively reduced so as to move towards cost-reflective tariffs. Any continued levy or enhancement of CSS, without demonstrating a clear and credible reduction trajectory, is inconsistent with the statutory scheme. It is well-settled that CSS is compensatory in nature and not punitive. It is intended only to offset the existing level of cross subsidy embedded in the retail tariff of subsidised consumer categories. Consequently, CSS cannot be permanent in character, nor can it be enhanced in a manner that defeats the legislative objective of gradual elimination of cross subsidies.
- 3.21.5 In view of the statutory framework, the proposed increase in CSS, instead of a reduction, is *ex-facie* inconsistent with the legislative intent and policy mandate of progressive reduction of cross subsidy and surcharge. The proposal therefore deserves to be rejected and the CSS ought to be determined strictly in accordance with the statutory mandatory of reduction trajectory envisaged under the Act and the National Tariff Policy.
- 3.21.6 The Stakeholder further submitted that since the green power is available in the market it is requested to waive off the CSS and Additional surcharge. At least it is requested



to consider 50% waiver for wheeling of green energy from any source.

### ***Petitioner's Replies***

- 3.21.7 TGDISCOMs submitted that, Cross Subsidy and Cross Subsidy Surcharge (CSS) are distinct. Cross subsidy is embedded within retail tariffs, whereas CSS is payable only by Open Access (OA) consumers under Section 42(2) of the Electricity Act, 2003, and is meant to meet the current level of cross subsidy within the licensee's area of supply. Accordingly, CSS applies solely when a consumer avails power through OA. For FY 2026-27, TGSPDCL has projected Rs. 168.5 crores as CSS revenue exclusively from HT-OA consumers. There is no CSS projected from LT consumers because there are no LT-OA consumers. In contrast, TGNPDCL has not projected any CSS revenue since there are currently no OA consumers in its area. While CSS rates are computed category-wise for both TGDISCOMs, revenue arises only if OA materializes; hence, for TGNPDCL, the CSS revenue is not projected.
- 3.21.8 The observation that Rs. 168.5 crores form only about 0.335% of TGSPDCL's ARR reflects the narrow base of OA consumption and should not be combined with cross-subsidy embedded in tariffs. The tariffs presently applicable to consumers have been duly examined and approved by the Commission.
- 3.21.9 TGDISCOMs submitted that the Cross Subsidy Surcharge (CSS) for FY 2026-27 has been calculated in line with the National Tariff Policy, 2016, considering the existing consumer mix, cost of supply and applicable tariffs. The proposed CSS is restricted within  $\pm 20\%$  of the Average Billing Rate (ABR) for the concerned consumer category, as prescribed under the policy. TGDISCOMs remains committed to the progressive reduction of cross subsidy and CSS in the system and will continue to do so.
- 3.21.10 The TGDISCOMs submitted that CSS and Additional Surcharge (AS) are levied to compensate the distribution licensee for loss of cross-subsidy and to recover fixed costs arising from long-term power procurement agreements. As per the Terms and Conditions of Open Access Regulations, 2024, waiver of CSS and AS has already been provided to eligible green energy open access consumers as specified therein. However, granting further waiver merely on the ground that green power is available in the market would defeat the very purpose for which these charges are levied.

### **Statutory Provisions**

3.21.11 Sections 39(2) (d)(ii), 40(c)(ii) and 42(2) of the Act provides for payment of a surcharge by the consumer when power is availed under open access. Further, Section 42(2) of the Act provides that such surcharge shall be determined by the Commission which shall be utilised to meet the requirements of current level of cross subsidy within the area of supply of the distribution licensee.

3.21.12 Clause 17.1(iii) of the Regulation No. 2 of 2005, reproduced below, specifies that the open access consumers shall pay Cross Subsidy Surcharge (CSS) as determined by the Commission, to the distribution licensee:

*“The Open access users of the Transmission and/or Distribution System where such open access is for delivery of electricity to the consumer’s premises in the area of supply of a distribution licensee, shall pay to the distribution licensee the (cross-subsidy) surcharge as determined by the Commission from time to time under Section 42(2) of the Act:*

*Provided that no (cross-subsidy) surcharge shall be payable if the open access is provided to a person who has established a captive generating plant for carrying the electricity to the destination of his own use.”*

3.21.13 As per the aforementioned provisions, to maintain current level of subsidy, CSS has to be levied on the consumers, who opt for open access.

3.21.14 CSS is normally computed as the difference between (i) the tariff applicable to the relevant category of consumers and (ii) the cost of the distribution licensee to supply electricity to the consumers of the applicable class i.e., CoS for a particular category of consumers.

3.21.15 As per the Tariff Policy, 2016, State Electricity Regulatory Commissions (SERCs) may calculate the cost of supply of electricity by the distribution licensee to consumers of the applicable class as aggregate of (a) per unit weighted average cost of power purchase including meeting the renewable purchase obligation; (b) transmission and distribution losses applicable to the relevant voltage level and commercial losses allowed by the SERC; (c) transmission, distribution and wheeling charges up to the relevant voltage level; and (d) per unit cost of carrying regulatory assets, if applicable.

3.21.16 The Tariff Policy, 2016 specifies the following formula for computation of CSS:

$$S = T - [C / (1 - L / 100) + D + R]$$

Where;

S is the surcharge

T is the tariff payable by the relevant category of consumers, including reflecting the Renewable Purchase Obligation

C is the per unit weighted average cost of power purchase by the Licensee, including meeting the Renewable Purchase Obligation

D is the aggregate of transmission, distribution and wheeling charge applicable to the relevant voltage level

L is the aggregate of transmission, distribution and commercial losses, expressed as a percentage applicable to the relevant voltage level

R is the per unit cost of carrying regulatory assets

#### ***Commission's analysis & findings***

3.21.17 The Commission has determined the Cross subsidy and CSS in accordance with the formula and principles specified under the National Tariff Policy. The proposed CSS has been computed based on approved cost of supply and tariff structures.

3.21.18 As per 1<sup>st</sup> proviso of Clause 21.1(d) of Regulation 1 of 2024, Additional Surcharge shall not be applicable for Green Energy Open Access (GEOA) consumers, if fixed charges/demand charges are being paid by such consumers.

3.21.19 The Commission has approved the Cross Subsidy Surcharge (CSS) for FY 2026-27 as per the provisions of the National Tariff Policy 2016, calculated in accordance with the prescribed formula.

3.21.20 The Commission has computed TGDISCOM-wise, category-wise, voltage-wise 'T', i.e. per unit tariff (Rs. /unit) realised for FY 2026-27 from the relevant category of consumers, calculated based on category-wise revenue anticipated from the approved sales at tariff determined for that category, divided by the approved sales. The value of 'T' computed for each category has been presented in Table below:



| Consumer Category           |                                                   | TGSPDCL   |             |                     | TGNPDCL  |             |                     |
|-----------------------------|---------------------------------------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
|                             |                                                   | Sales     | Revenue     | Average Realisation | Sales    | Revenue     | Average Realisation |
|                             |                                                   | (MU)      | (Rs. Crore) | (Rs. /kWh)          | (MU)     | (Rs. Crore) | (Rs. /kWh)          |
| <b>LT Category</b>          |                                                   |           |             |                     |          |             |                     |
| I (A&B)                     | Domestic                                          | 13,355.64 | 7,424.63    | 5.56                | 5,224.67 | 2,438.29    | 4.67                |
| II (A, B & C)               | Non-Domestic/<br>Commercial                       | 4,640.45  | 5,320.71    | 11.47               | 1,180.26 | 1,331.49    | 11.28               |
| LT-III                      | Industrial                                        | 1,032.02  | 943.63      | 9.14                | 252.26   | 248.91      | 9.87                |
| LT-IV                       | Cottage Industries                                | 9.07      | 4.45        | 4.90                | 8.96     | 4.51        | 5.03                |
| LT-V                        | Agricultural                                      | 13,224.44 | 65.19       | 0.05                | 9,969.16 | 53.23       | 0.05                |
| LT-VI                       | Street Lighting &<br>PWS                          | 505.99    | 382.77      | 7.56                | 398.16   | 282.24      | 7.09                |
| LT-VII                      | General Purpose                                   | 121.65    | 102.43      | 8.42                | 98.27    | 81.67       | 8.31                |
| LT-VIII                     | Temporary Supply                                  | 208.51    | 261.08      | 12.52               | 21.60    | 27.05       | 12.52               |
| LT-IX                       | EV Charging<br>Stations                           | 15.69     | 9.65        | 6.15                | 33.98    | 20.44       | 6.02                |
| <b>HT Category at 11 kV</b> |                                                   |           |             |                     |          |             |                     |
| HT-I                        | Industry                                          | 4,849.44  | 4,805.19    | 9.91                | 1,212.86 | 1,206.57    | 9.95                |
| HT-I(B)                     | Ferro Alloys                                      | 0.99      | 1.01        | 10.22               | 0.00     | 0.00        | 0.00                |
| HT-II(A)                    | Others<br>(Commercial)                            | 2,727.28  | 3,176.51    | 11.65               | 304.37   | 361.06      | 11.86               |
| HT-II(B)                    | Wholly Religious<br>Places                        | 0.41      | 0.30        | 7.23                | 0.46     | 0.33        | 7.10                |
| HT-III                      | Airports, Bus<br>Stations and<br>Railway Stations | 6.72      | 7.98        | 11.88               | 8.22     | 8.55        | 10.40               |
| HT-IV(A)                    | Irrigation &<br>Agriculture                       | 43.14     | 35.73       | 8.28                | 34.43    | 33.32       | 9.68                |
| HT-IV(B)                    | CPWS Schemes                                      | 140.42    | 85.95       | 6.12                | 169.25   | 103.52      | 6.12                |
| HT-VA                       | Railway Traction                                  | 0.00      | 0.00        | 0.00                | 0.00     | 0.00        | 0.00                |
| HT-VB                       | HMR                                               | 0.00      | 0.00        | 0.00                | 0.00     | 0.00        | 0.00                |
| HT-VI                       | Townships and<br>Residential<br>Colonies          | 379.49    | 328.67      | 8.66                | 8.62     | 7.79        | 9.05                |
| HT-VII                      | Temporary Supply                                  | 366.71    | 534.34      | 14.57               | 9.25     | 15.73       | 17.00               |
| HT-VIII                     | RESCOs                                            | 0.00      | 0.00        | 0.00                | 1,107.10 | 528.09      | 4.77                |
| HT-IX                       | EV Charging<br>Stations                           | 60.97     | 42.60       | 6.99                | 0.00     | 0.00        | 0.00                |
| <b>HT Category at 33 kV</b> |                                                   |           |             |                     |          |             |                     |
| HT-I                        | Industry                                          | 7,839.34  | 6,788.39    | 8.66                | 282.14   | 251.99      | 8.93                |
| HT-I(B)                     | Ferro Alloys                                      | 0.00      | 0.00        | 0.00                | 38.09    | 30.04       | 7.89                |
| HT-II(A)                    | Others<br>(Commercial)                            | 1,922.24  | 1,964.73    | 10.22               | 18.81    | 19.93       | 10.59               |
| HT-II(B)                    | Wholly Religious<br>Places                        | 4.64      | 3.03        | 6.52                | 0.00     | 0.00        | 0.00                |

| Consumer Category            |                                             | TGSPDCL  |             |                     | TGNPDCL  |             |                     |
|------------------------------|---------------------------------------------|----------|-------------|---------------------|----------|-------------|---------------------|
|                              |                                             | Sales    | Revenue     | Average Realisation | Sales    | Revenue     | Average Realisation |
|                              |                                             | (MU)     | (Rs. Crore) | (Rs. /kWh)          | (MU)     | (Rs. Crore) | (Rs. /kWh)          |
| HT-III                       | Airports, Bus Stations and Railway Stations | 0.00     | 0.00        | 0.00                | 0.00     | 0.00        | 0.00                |
| HT-IV(A)                     | Irrigation & Agriculture                    | 62.81    | 53.50       | 8.52                | 45.62    | 41.14       | 9.02                |
| HT-IV(B)                     | CPWS Schemes                                | 286.48   | 174.83      | 6.10                | 388.45   | 237.07      | 6.10                |
| HT-V(A)                      | Railway Traction                            | 0.00     | 0.00        | 0.00                | 0.00     | 0.00        | 0.00                |
| HT-VB                        | HMR                                         | 0.00     | 0.00        | 0.00                | 0.00     | 0.00        | 0.00                |
| HT-VI                        | Townships and Residential Colonies          | 206.86   | 179.12      | 8.66                | 42.25    | 34.86       | 8.25                |
| HT-VII                       | Temporary Supply                            | 31.81    | 47.94       | 15.07               | 6.96     | 9.66        | 13.87               |
| HT-VIII                      | RESCOs                                      | 0.00     | 0.00        | 0.00                | 0.00     | 0.00        | 0.00                |
| HT-IX                        | EV Charging Stations                        | 6.01     | 6.77        | 11.27               | 51.69    | 33.92       | 6.56                |
| <b>HT Category at 132 kV</b> |                                             |          |             |                     |          |             |                     |
| HT-I                         | Industry Segregated                         | 4,984.79 | 4,042.59    | 8.11                | 706.03   | 596.43      | 8.45                |
| HT-I(B)                      | Ferro Alloys                                | 0.00     | 0.00        | 0.00                | 0.00     | 0.00        | 0.00                |
| HT-II(A)                     | Others (Commercial)                         | 514.14   | 602.36      | 11.72               | 7.81     | 14.74       | 18.87               |
| HT-II(B)                     | Wholly Religious Places                     | 0.00     | 0.00        | 0.00                | 0.00     | 0.00        | 0.00                |
| HT-III                       | Airports, Railways and Bus Stations         | 172.64   | 147.78      | 8.56                | 0.00     | 0.00        | 0.00                |
| HT-IV(A)                     | Lift Irrigation & Agriculture               | 2,340.86 | 1,868.68    | 7.98                | 1,464.59 | 1,403.68    | 9.58                |
| HT-IV(B)                     | CP Water Supply Schemes                     | 313.75   | 191.40      | 6.10                | 31.52    | 19.23       | 6.10                |
| HT-V(A)                      | Railway Traction                            | 670.59   | 449.66      | 6.71                | 668.40   | 436.75      | 6.53                |
| HT-V(B)                      | HMR                                         | 126.10   | 73.97       | 5.87                | 0.00     | 0.00        | 0.00                |
| HT-VI                        | Townships and Residential Colonies          | 0.00     | 0.00        | 0.00                | 59.57    | 51.71       | 8.68                |
| HT                           | Temporary Supply                            | 0.00     | 0.00        | 0.00                | 0.00     | 0.00        | 0.00                |
| HT                           | RESCOs                                      | 0.00     | 0.00        | 0.00                | 0.00     | 0.00        | 0.00                |
| HT-IX                        | EV Charging Station                         | 1.27     | 1.34        | 10.59               | 0.00     | 0.00        | 0.00                |

3.21.21 The Commission has computed TGDISCOM-wise 'C' i.e., per unit (Rs. /unit) weighted average cost of power purchase divided by the approved energy requirement.

The value computed for each licensee has been presented in Table below:

| Particulars                        | TGSPDCL   | TGNPDCL   |
|------------------------------------|-----------|-----------|
| Power Purchase quantum (MU)        | 68,758.13 | 27,108.60 |
| Power Purchase cost (Rs. In crore) | 34,958.80 | 14,271.23 |

| Particulars                                     | TGSPDCL | TGNPDCL |
|-------------------------------------------------|---------|---------|
| Average Power Purchase cost per unit (Rs. /kWh) | 5.08    | 5.26    |

3.21.22 The Commission has computed 'D' and 'L' i.e., per unit aggregate of transmission, distribution and wheeling charges and commercial losses applicable for relevant voltage level and by taking transmission charges and voltage-wise distribution charges approved as shown below:

| Voltage | TGSPDCL                 |          | TGNPDCL                 |          |
|---------|-------------------------|----------|-------------------------|----------|
|         | Charge (Rs. /kVA/month) | Rs. /kWh | Charge (Rs. /kVA/month) | Rs. /kWh |
| LT      | 634.75                  | 0.88     | 1,036.13                | 1.44     |
| 11kV    | 207.11                  | 0.29     | 336.85                  | 0.47     |
| 33kV    | 63.75                   | 0.09     | 100.23                  | 0.14     |
| >=132kV | 81.81                   | 0.12     | 81.81                   | 0.12     |

3.21.23 Based on the above, the Commission has computed TGDISCOM-wise, voltage wise CSS for different categories of consumers applicable to consumers availing of open access at different voltages as below:

**Table 3-43: CSS determined for TGSPDCL for FY 2026-27**

| Consumer Category           |                                             | Average Realisation (AR) | Weighted average PP cost | Aggregate loss % | Aggregate T & D charge | Cost of carrying Regulatory asset | CSS  | 20% limit of AR | Allowable CSS |
|-----------------------------|---------------------------------------------|--------------------------|--------------------------|------------------|------------------------|-----------------------------------|------|-----------------|---------------|
|                             |                                             | (T)                      | (C)                      | (L)              | (D)                    | (R)                               | (S)  |                 |               |
| <b>HT Category at 11 kV</b> |                                             |                          |                          |                  |                        |                                   |      |                 |               |
| HT-I                        | Industry                                    | 9.91                     | 5.08                     | 9.29%            | 0.50                   | 0.00                              | 3.80 | 1.98            | 1.98          |
| HT-I(B)                     | Ferro Alloys                                | 10.22                    | 5.08                     | 9.29%            | 0.50                   | 0.00                              | 4.11 | 2.04            | 2.04          |
| HT-II(A)                    | Others (Commercial)                         | 11.65                    | 5.08                     | 9.29%            | 0.50                   | 0.00                              | 5.54 | 2.33            | 2.33          |
| HT-II(B)                    | Wholly Religious Places                     | 7.23                     | 5.08                     | 9.29%            | 0.50                   | 0.00                              | 1.13 | 1.45            | 1.13          |
| HT-III                      | Airports, Bus Stations and Railway Stations | 11.88                    | 5.08                     | 9.29%            | 0.50                   | 0.00                              | 5.77 | 2.38            | 2.38          |
| HT-IV(A)                    | Irrigation & Agriculture                    | 8.28                     | 5.08                     | 9.29%            | 0.50                   | 0.00                              | 2.18 | 1.66            | 1.66          |
| HT-IV(B)                    | CPWS Schemes                                | 6.12                     | 5.08                     | 9.29%            | 0.50                   | 0.00                              | 0.02 | 1.22            | 0.02          |
| HT-VA                       | Railway Traction                            | 0.00                     | 5.08                     | 9.29%            | 0.50                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-VB                       | HMR                                         | 0.00                     | 5.08                     | 9.29%            | 0.50                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-VI                       | Townships and Residential Colonies          | 8.66                     | 5.08                     | 9.29%            | 0.50                   | 0.00                              | 2.55 | 1.73            | 1.73          |
| HT-VII                      | Temporary Supply                            | 14.57                    | 5.08                     | 9.29%            | 0.50                   | 0.00                              | 8.47 | 2.91            | 2.91          |
| HT-VIII                     | RESCOs                                      | 0.00                     | 5.08                     | 9.29%            | 0.50                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-IX                       | EV Charging Stations                        | 6.99                     | 5.08                     | 9.29%            | 0.50                   | 0.00                              | 0.88 | 1.40            | 0.88          |
| <b>HT Category at 33 kV</b> |                                             |                          |                          |                  |                        |                                   |      |                 |               |
| HT-I                        | Industry                                    | 8.66                     | 5.08                     | 5.50%            | 0.21                   | 0.00                              | 3.07 | 1.73            | 1.73          |
| HT-I(B)                     | Ferro Alloys                                | 0.00                     | 5.08                     | 5.50%            | 0.21                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-II(A)                    | Others (Commercial)                         | 10.22                    | 5.08                     | 5.50%            | 0.21                   | 0.00                              | 4.63 | 2.04            | 2.04          |



| Consumer Category                      |                                             | Average Realisation (AR) | Weighted average PP cost | Aggregate loss % | Aggregate T & D charge | Cost of carrying Regulatory asset | CSS  | 20% limit of AR | Allowable CSS |
|----------------------------------------|---------------------------------------------|--------------------------|--------------------------|------------------|------------------------|-----------------------------------|------|-----------------|---------------|
|                                        |                                             | (T)                      | (C)                      | (L)              | (D)                    | (R)                               | (S)  |                 |               |
| HT-II(B)                               | Wholly Religious Places                     | 6.52                     | 5.08                     | 5.50%            | 0.21                   | 0.00                              | 0.93 | 1.30            | 0.93          |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 0.00                     | 5.08                     | 5.50%            | 0.21                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-IV(A)                               | Irrigation & Agriculture                    | 8.52                     | 5.08                     | 5.50%            | 0.21                   | 0.00                              | 2.92 | 1.70            | 1.70          |
| HT-IV(B)                               | CPWS Schemes                                | 6.10                     | 5.08                     | 5.50%            | 0.21                   | 0.00                              | 0.51 | 1.22            | 0.51          |
| HT-V(A)                                | Railway Traction                            | 0.00                     | 5.08                     | 5.50%            | 0.21                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-VB                                  | HMR                                         | 0.00                     | 5.08                     | 5.50%            | 0.21                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-VI                                  | Townships and Residential Colonies          | 8.66                     | 5.08                     | 5.50%            | 0.21                   | 0.00                              | 3.07 | 1.73            | 1.73          |
| HT-VII                                 | Temporary Supply                            | 15.07                    | 5.08                     | 5.50%            | 0.21                   | 0.00                              | 9.48 | 3.01            | 3.01          |
| HT-VIII                                | RESCOs                                      | 0.00                     | 5.08                     | 5.50%            | 0.21                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-IX                                  | EV Charging Stations                        | 11.27                    | 5.08                     | 5.50%            | 0.21                   | 0.00                              | 5.68 | 2.25            | 2.25          |
| <b>HT Category at 132 kV and above</b> |                                             |                          |                          |                  |                        |                                   |      |                 |               |
| HT-I                                   | Industry                                    | 8.11                     | 5.08                     | 2.44%            | 0.12                   | 0.00                              | 2.77 | 1.62            | 1.62          |
| HT-I(B)                                | Ferro Alloys                                | 0.00                     | 5.08                     | 2.44%            | 0.12                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-II(A)                               | Others (Commercial)                         | 11.72                    | 5.08                     | 2.44%            | 0.12                   | 0.00                              | 6.38 | 2.34            | 2.34          |
| HT-II(B)                               | Wholly Religious Places                     | 0.00                     | 5.08                     | 2.44%            | 0.12                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 8.56                     | 5.08                     | 2.44%            | 0.12                   | 0.00                              | 3.22 | 1.71            | 1.71          |
| HT-IV(A)                               | Irrigation & Agriculture                    | 7.98                     | 5.08                     | 2.44%            | 0.12                   | 0.00                              | 2.65 | 1.60            | 1.60          |
| HT-IV(B)                               | CPWS                                        | 6.10                     | 5.08                     | 2.44%            | 0.12                   | 0.00                              | 0.76 | 1.22            | 0.76          |
| HT-VA                                  | Railway Traction                            | 6.71                     | 5.08                     | 2.44%            | 0.12                   | 0.00                              | 1.37 | 1.34            | 1.34          |
| HT-VB                                  | HMR                                         | 5.87                     | 5.08                     | 2.44%            | 0.12                   | 0.00                              | 0.53 | 1.17            | 0.53          |
| HT-VI                                  | Townships and Residential Colonies          | 0.00                     | 5.08                     | 2.44%            | 0.12                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-VII                                 | Temporary Supply                            | 0.00                     | 5.08                     | 2.44%            | 0.12                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-VIII                                | RESCOs                                      | 0.00                     | 5.08                     | 2.44%            | 0.12                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-IX                                  | EV Charging Stations                        | 10.59                    | 5.08                     | 2.44%            | 0.12                   | 0.00                              | 5.25 | 2.12            | 2.12          |

**Table 3-44: CSS determined for TGNPDCL for FY 2026-27**

| Consumer Category           |                     | Average Realisation (AR) | Weighted average PP cost | Aggregate loss % | Aggregate T & D charge | Cost of carrying Regulatory asset | CSS  | 20% limit of AR | Allowable CSS |
|-----------------------------|---------------------|--------------------------|--------------------------|------------------|------------------------|-----------------------------------|------|-----------------|---------------|
|                             |                     | (T)                      | (C)                      | (L)              | (D)                    | (R)                               | (S)  |                 |               |
| <b>HT Category at 11 kV</b> |                     |                          |                          |                  |                        |                                   |      |                 |               |
| HT-I                        | Industry            | 9.95                     | 5.26                     | 8.80%            | 0.73                   | 0.00                              | 3.44 | 1.99            | 1.99          |
| HT-I(B)                     | Ferro Alloys        | 0.00                     | 5.26                     | 8.80%            | 0.73                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-II(A)                    | Others (Commercial) | 11.86                    | 5.26                     | 8.80%            | 0.73                   | 0.00                              | 5.36 | 2.37            | 2.37          |

| Consumer Category                      |                                             | Average Realisation (AR) | Weighted average PP cost | Aggregate loss % | Aggregate T & D charge | Cost of carrying Regulatory asset | CSS   | 20% limit of AR | Allowable CSS |
|----------------------------------------|---------------------------------------------|--------------------------|--------------------------|------------------|------------------------|-----------------------------------|-------|-----------------|---------------|
|                                        |                                             | (T)                      | (C)                      | (L)              | (D)                    | (R)                               | (S)   |                 |               |
| HT-II(B)                               | Wholly Religious Places                     | 7.10                     | 5.26                     | 8.80%            | 0.73                   | 0.00                              | 0.60  | 1.42            | 0.60          |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 10.40                    | 5.26                     | 8.80%            | 0.73                   | 0.00                              | 3.90  | 2.08            | 2.08          |
| HT-IV(A)                               | Irrigation & Agriculture                    | 9.68                     | 5.26                     | 8.80%            | 0.73                   | 0.00                              | 3.17  | 1.94            | 1.94          |
| HT-IV(B)                               | CPWS Schemes                                | 6.12                     | 5.26                     | 8.80%            | 0.73                   | 0.00                              | 0.00  | 1.22            | 0.00          |
| HT-VA                                  | Railway Traction                            | 0.00                     | 5.26                     | 8.80%            | 0.73                   | 0.00                              | 0.00  | 0.00            | 0.00          |
| HT-VB                                  | HMR                                         | 0.00                     | 5.26                     | 8.80%            | 0.73                   | 0.00                              | 0.00  | 0.00            | 0.00          |
| HT-VI                                  | Townships and Residential Colonies          | 9.05                     | 5.26                     | 8.80%            | 0.73                   | 0.00                              | 2.54  | 1.81            | 1.81          |
| HT-VII                                 | Temporary Supply                            | 17.00                    | 5.26                     | 8.80%            | 0.73                   | 0.00                              | 10.49 | 3.40            | 3.40          |
| HT-VIII                                | RESCOs                                      | 4.77                     | 5.26                     | 8.80%            | 0.73                   | 0.00                              | 0.00  | 0.95            | 0.00          |
| HT-IX                                  | EV Charging Stations                        | 0.00                     | 5.26                     | 8.80%            | 0.73                   | 0.00                              | 0.00  | 0.00            | 0.00          |
| <b>HT Category at 33 kV</b>            |                                             |                          |                          |                  |                        |                                   |       |                 |               |
| HT-I                                   | Industry                                    | 8.93                     | 5.26                     | 5.32%            | 0.26                   | 0.00                              | 3.11  | 1.79            | 1.79          |
| HT-I(B)                                | Ferro Alloys                                | 7.89                     | 5.26                     | 5.32%            | 0.26                   | 0.00                              | 2.06  | 1.58            | 1.58          |
| HT-II(A)                               | Others (Commercial)                         | 10.59                    | 5.26                     | 5.32%            | 0.26                   | 0.00                              | 4.77  | 2.12            | 2.12          |
| HT-II(B)                               | Wholly Religious Places                     | 0.00                     | 5.26                     | 5.32%            | 0.26                   | 0.00                              | 0.00  | 0.00            | 0.00          |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 0.00                     | 5.26                     | 5.32%            | 0.26                   | 0.00                              | 0.00  | 0.00            | 0.00          |
| HT-IV(A)                               | Irrigation & Agriculture                    | 9.02                     | 5.26                     | 5.32%            | 0.26                   | 0.00                              | 3.20  | 1.80            | 1.80          |
| HT-IV(B)                               | CPWS Schemes                                | 6.10                     | 5.26                     | 5.32%            | 0.26                   | 0.00                              | 0.28  | 1.22            | 0.28          |
| HT-V(A)                                | Railway Traction                            | 0.00                     | 5.26                     | 5.32%            | 0.26                   | 0.00                              | 0.00  | 0.00            | 0.00          |
| HT-VB                                  | HMR                                         | 0.00                     | 5.26                     | 5.32%            | 0.26                   | 0.00                              | 0.00  | 0.00            | 0.00          |
| HT-VI                                  | Townships and Residential Colonies          | 8.25                     | 5.26                     | 5.32%            | 0.26                   | 0.00                              | 2.43  | 1.65            | 1.65          |
| HT-VII                                 | Temporary Supply                            | 13.87                    | 5.26                     | 5.32%            | 0.26                   | 0.00                              | 8.04  | 2.77            | 2.77          |
| HT-VIII                                | RESCOs                                      | 0.00                     | 5.26                     | 5.32%            | 0.26                   | 0.00                              | 0.00  | 0.00            | 0.00          |
| HT-IX                                  | EV Charging Stations                        | 6.56                     | 5.26                     | 5.32%            | 0.26                   | 0.00                              | 0.74  | 1.31            | 0.74          |
| <b>HT Category at 132 kV and above</b> |                                             |                          |                          |                  |                        |                                   |       |                 |               |
| HT-I                                   | Industry                                    | 8.45                     | 5.26                     | 2.44%            | 0.12                   | 0.00                              | 2.93  | 1.69            | 1.69          |
| HT-I(B)                                | Ferro Alloys                                | 0.00                     | 5.26                     | 2.44%            | 0.12                   | 0.00                              | 0.00  | 0.00            | 0.00          |
| HT-II(A)                               | Others (Commercial)                         | 18.87                    | 5.26                     | 2.44%            | 0.12                   | 0.00                              | 13.35 | 3.77            | 3.77          |
| HT-II(B)                               | Wholly Religious Places                     | 0.00                     | 5.26                     | 2.44%            | 0.12                   | 0.00                              | 0.00  | 0.00            | 0.00          |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 0.00                     | 5.26                     | 2.44%            | 0.12                   | 0.00                              | 0.00  | 0.00            | 0.00          |
| HT-IV(A)                               | Irrigation & Agriculture                    | 9.58                     | 5.26                     | 2.44%            | 0.12                   | 0.00                              | 4.06  | 1.92            | 1.92          |
| HT-IV(B)                               | CPWS                                        | 6.10                     | 5.26                     | 2.44%            | 0.12                   | 0.00                              | 0.58  | 1.22            | 0.58          |
| HT-VA                                  | Railway Traction                            | 6.53                     | 5.26                     | 2.44%            | 0.12                   | 0.00                              | 1.01  | 1.31            | 1.01          |



| Consumer Category |                                    | Average Realisation (AR) | Weighted average PP cost | Aggregate loss % | Aggregate T & D charge | Cost of carrying Regulatory asset | CSS  | 20% limit of AR | Allowable CSS |
|-------------------|------------------------------------|--------------------------|--------------------------|------------------|------------------------|-----------------------------------|------|-----------------|---------------|
|                   |                                    | (T)                      | (C)                      | (L)              | (D)                    | (R)                               | (S)  |                 |               |
| HT-VB             | HMR                                | 0.00                     | 5.26                     | 2.44%            | 0.12                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-VI             | Townships and Residential Colonies | 8.68                     | 5.26                     | 2.44%            | 0.12                   | 0.00                              | 3.16 | 1.74            | 1.74          |
| HT-VII            | Temporary Supply                   | 0.00                     | 5.26                     | 2.44%            | 0.12                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-VIII           | RESCOs                             | 0.00                     | 5.26                     | 2.44%            | 0.12                   | 0.00                              | 0.00 | 0.00            | 0.00          |
| HT-IX             | EV Charging Stations               | 0.00                     | 5.26                     | 2.44%            | 0.12                   | 0.00                              | 0.00 | 0.00            | 0.00          |

3.21.24 The CSS for FY 2026-27 as approved by the Commission in this Order shall be effective from 01.04.2026 to 31.03.2027.

### 3.22 REVENUE FROM CROSS SUBSIDY SURCHARGE

3.22.1 Considering the projected open access consumption of 1,000.49 MU and the category-wise CSS approved for FY 2026-27, the Commission has determined the revenue from CSS as Rs. 168.28 crores for TGSPDCL. The Commission has not determined any revenue from CSS for TGNPDCL.

### 3.23 REVENUE FROM ADDITIONAL SURCHARGE

3.23.1 The Commission has considered open access sales of 500.24 MUs after netting of green energy open access sales, Additional Surcharge rate of Rs. 0.13/kWh for FY 2026-27 (H<sub>1</sub>) and determined the revenue from Additional Surcharge as Rs. 6.50 crores for TGSPDCL. The Commission has not determined any revenue from Additional Surcharge for TGNPDCL.

### 3.24 REVENUE FROM GRID SUPPORT CHARGES

#### *TGDISCOMs' Filings*

3.24.1 The rate of Grid Support Charges (Rs. /kW/month) was computed by considering the total generation capacity connected to the Telangana Grid and the approved R&M charges in MYT orders of TGTRANSCO and TGDISCOMs Distribution Business filings claimed for FY 2026-27. The rate of GSC claimed by TGDISCOMs is Rs. 18.50/kW/month.

#### *Stakeholders' Submissions*

3.24.2 The stakeholder submitted that its plant operated on a cogeneration basis with a total TG-set capacity of about 260.187 MVA, functioning predominantly in island mode



where the entire load was met internally without reliance on the grid. A limited grid connection with TGNPDCL at 15 MVA CMD was used only for TG-set start-up and standby purposes, with soft-start systems ensuring drawal remained within sanctioned limits. The plant also imported power from its wind energy project through open access, during which only one internal network was connected to the grid. It was further submitted that robust interlocking and protection systems ensured no transfer of load to the grid in case of TG-set tripping, with all faults cleared as per Grid Code requirements. Given the absence of transient loads, minimal harmonics, and no operational dependency on grid supply, the stakeholder contended that no actual grid support was availed, and the grid connection was used solely for limited, controlled purposes. The proposal of GSC is unreasonable and is being challenged herein both in respect of the levy itself as well as the quantum. The proposal of GSC is wholly misconceived and without any proper understanding or consideration of the concept of grid support/parallel operation.

3.24.3 The stakeholder submitted that various types of CPPs operate in parallel with the grid and submitted that grid support charges (GSC) could not be applied uniformly across all such categories. It was submitted that CPPs located remotely and supplying power through open access could not be considered as availing grid support, and GSC, if at all applicable, should be limited only to CPPs interconnected with both load and grid at a common coupling point. Similarly, CPPs with surplus capacity exporting power, including co-generation plants, were stated to use the grid primarily for export or start-up, without drawing operational support; hence, levying GSC on total installed capacity was contended to be disproportionate and unjustified. The stakeholder further emphasized that momentary loads or starting currents depended on the nature of industrial load rather than generation capacity, and any assessment of grid support must focus on actual load behaviour within contracted demand limits as defined under applicable codes.

3.24.4 It was further submitted that industries operating CPPs in parallel for reliability, renewable CPPs with inherent intermittency, black-start requirements, or units importing renewable energy to meet statutory obligations (RPPO) could not be presumed to be availing grid support beyond their contracted demand. In such cases, all necessary support was already embedded within the rights and charges associated with the contracted demand, and any additional levy would be arbitrary. The

stakeholder also contended that unless measurable evidence demonstrated drawl beyond sanctioned limits, imposition of GSC was unwarranted. Additionally, reliance on judicial precedents such as the judgement in *Chhattisgarh State Power Distribution Co. Ltd. vs. Godawari Power & Ispat Ltd.* was misplaced, as the issue of GSC levy itself was not under consideration in that case, and the observations therein could not be treated as a blanket justification for such charges.

- 3.24.5 The stakeholder submitted that the premise advanced by the licensees for levy of Grid Support Charges (GSC) namely, that co-located CPPs derive various technical benefits from operating in parallel with the grid without paying for them, was fundamentally flawed. It was contended that the factors cited by the licensees, such as absorption of load fluctuations, harmonics, negative phase sequence currents, fault levels, voltage and frequency support, transient surges, and reactive power variations, were all intrinsically linked to the nature and behaviour of industrial loads rather than the installed or generating capacity of the CPP. Accordingly, the stakeholder submitted that attributing such phenomena to CPP capacity and using it as the basis for levying charges was irrational. It was further submitted that in most cases, such impacts, if any, were already within the limits of contracted demand sanctioned by the licensee and governed by the Grid Code and GTCS, for which demand charges were already being paid. The stakeholder also emphasized that several of the licensees' claims were overgeneralized, hypothetical, or unsupported by empirical data, and in certain cases, CPPs themselves contributed positively to the grid, such as by supplying reactive power or supporting fault levels.
- 3.24.6 The stakeholder further stated that issues like harmonics or peak load impacts were specific only to certain industries and should be addressed through targeted regulatory enforcement rather than by imposing a blanket charge on all CPPs. It was also submitted that events such as load throw-off, transient disturbances, or fault conditions were either rare, short-duration occurrences or adequately managed through existing protection systems, and could not justify recurring charges based on installed capacity. Additionally, the stakeholder pointed out that similar operational conditions would arise even in cases where power was sourced through open access instead of CPPs, yet no such charges were levied in those scenarios, highlighting inconsistency and discrimination. On this basis, it was submitted that levy of GSC on installed or generation capacity, including idle or standby capacity, was unreasonable,



disproportionate, and lacking in technical or legal justification, and that any such charges should not be imposed in the absence of clear, measurable evidence of actual grid support being availed beyond contracted limits.

- 3.24.7 The stakeholder submitted that there was an urgent need to evolve clear and objective criteria to determine when and to what extent grid support could be said to have been availed. It was emphasized that industrial loads varied significantly across sectors, with only certain industries exhibiting characteristics such as fluctuating loads or high starting currents. Any assessment of grid support must therefore consider the nature of load, applicable limits under the Grid Code/GTCS, and the contracted demand (CMD) already sanctioned to the consumer. The stakeholder cautioned that regulatory enforcement of technical standards (such as limits on harmonics and starting currents) should not be substituted by levying GSC, and that charges, if any, must follow only after defining such criteria. It was further argued that there was no distinction in principle between power sourced through open access and CPPs, except location, and therefore levying GSC only on co-located CPPs was discriminatory. Non-co-located CPPs, merchant plants, and generators using open access were stated to be outside the scope of GSC as per settled law. Similarly, rooftop solar systems, being within CMD and having low CUF, were already covered under existing charges and should not be burdened further, especially in light of policy support under the Electricity Act, 2003. The stakeholder also challenged the proposed methodology of GSC computation as arbitrary, lacking technical basis, and leading to unjust enrichment since network costs were already recovered through tariffs; further, inclusion of costs across multiple DISCOMs without rationale was termed flawed.
- 3.24.8 The stakeholder highlighted that the Electricity Act, 2003 marked a paradigm shift by de-regulating and promoting captive generation and open access, and therefore any GSC framework should not act as a deterrent or indirectly force consumers back to utility supply. It was submitted that reliance on earlier precedents or pre-2003 regulatory approaches was misplaced given the changed legal and policy environment. The reports of the Grid Coordination Committee (GCC) were strongly criticized as biased, procedurally flawed, and lacking technical rigor, with no consideration of stakeholder submissions, absence of proper consultation, and reliance on limited and unrepresentative studies (primarily on solar plants). The stakeholder pointed out that the simulation studies were narrow, hypothetical, and failed to account for diverse



configurations, load types, CMD arrangements, or actual data on harmonics, starting currents, or grid interactions. It was also alleged that the GCC reports were not duly deliberated within the committee and reflected predetermined conclusions. Further, it was noted that while the Commission's order dated 27.03.2024 permitted GSC only on co-located CPPs and limited to power consumed by such loads, the matter was under appeal before APTEL. In view of the complexity of the issue, the stakeholder requested that GSC be addressed through a separate, detailed proceeding supported by empirical data and a scientific study by an independent technical body, followed by a discussion paper, stakeholder consultations, and a differentiated framework based on industry type and load characteristics, before determining the scope and methodology of any such charges.

### ***Petitioner's Replies***

3.24.9 TGDISCOMs submitted that, the stakeholder's contention that it does not avail any grid support is not tenable because it maintains a live 132 kV grid interconnection with a CMD of 15 MVA and routinely relies on the grid for start-up, stand-by, and open-access import operations. Even if its TG sets generally operate in island mode with internal interlocks, the grid must remain continuously available to provide voltage and frequency reference, system strength and fault level, protection coordination, and back-up clearing capability at the point of interconnection. These services impose real obligations and costs on the licensee regardless of whether actual load transfer occurs during contingencies.

3.24.10 Compliance with harmonic limits or internal protection schemes does not negate the need for the grid to maintain required reliability and protection standards for a connected consumer. Therefore, the assertion that "no grid support is actually availed" is incorrect; the stakeholder's own operational arrangement establishes dependence on the grid. Accordingly, the levy of grid support charges remains justified, and the objection does not warrant any deviation.

3.24.11 The Commission has determined the GSC as per the technical committee report of the Grid Coordination Committee duly considering the objections of the members of the committee towards the end of the Financial Year 2023-24 and directed the Licensees to file the proposals afresh for FY 2024-25. Therefore, based on the directions of the Commission, the TGDISCOMs have proposed the Grid Support Charges. The licensee

has computed Grid Support charges as per the methodology approved by the Commission vide order O. P. Nos. 80 & 81 of 2022 dated 27.03.2024. The excerpt of the clause 4.1.13 is shown below

*“At this stage, when the Retail Supply Tariffs are already fixed for FY 2023-24 and the Financial Year is at the fag end, the commission is not willing to determine GSC for FY 2023-24 and directs TSDISCOMs to file a separate petition for determination of GSC for FY 2024-25 onwards duly following the methodology approved in this order”*

3.24.12 Hence, the licensee has adopted the methodology approved in the above order for computation of Grid Support Charges for FY 2026-27.

3.24.13 The stakeholder’s classification of CPPs into multiple categories to argue selective non-applicability of Grid Support Charges (GSC) is misplaced. Any CPP that remains synchronized or interconnected with the grid, whether for start-up, stand-by, export, import, wheeling, or RPPO compliance, necessarily depends on the grid for system strength, voltage and frequency reference, protection coordination, fault-level support, and reliable operation at the point of common coupling. These technical requirements exist irrespective of the quantum of actual drawl or whether the CPP exports or operates in island mode during normal operation.

3.24.14 The objections raised in above paragraphs are based on incorrect premises and unfounded assumptions about the nature, extent, and applicability of Grid Support Charges (GSC). The stakeholder’s attempt to differentiate CPPs, open access sources, rooftop solar, merchant plants, or non co located generators does not alter this underlying technical and regulatory reality. The suggestion that GSC requires a fresh “evolution of criteria” ignores the established jurisprudence and cost of service framework under which parallel operation and grid synchronisation are recognised as imposing system level obligations on the licensee. Likewise, contentions regarding earlier technical committee reports, alleged non consideration of industry specific scenarios, or the need for a separate proceeding do not undermine the Commission’s authority to determine compensatory charges within the tariff process.

3.24.15 Similarly, arguments raised in respect of open access imports versus CPP generation, renewable co located plants, rooftop installations, or partial load CPPs overlook that CMD entitlements deal only with rights of consumption, not the broader system



readiness obligations that arise from synchronous parallel operation. The reliance on installed capacity as the basis for quantification is neither arbitrary nor disproportionate; it reflects the extent to which the connected generator influence's fault levels, stability margins, and protection system requirements. Consequently, the proposal of TGDISCOMs to levy GSC and the methodology adopted are both reasonable and consistent with technical standards, regulatory principles.

- 3.24.16 The existing framework sufficiently enables stakeholder consultation, technical scrutiny, and differentiation where justified, and therefore the Objector's request for additional processes does not merit acceptance.

### ***Commission's analysis & findings***

#### **Legal Validity of GSC**

- 3.24.17 The Commission reaffirms that the levy of Grid Support Charges on co-located Captive Power Plants is legally valid and has been upheld by the Hon'ble Supreme Court of India in Civil Appeal No. 4569 of 2003, which recognised parallel operation as a compensable grid service and affirmed the powers of State Electricity Regulatory Commissions to determine such charges. The Commission further notes that the Hon'ble Appellate Tribunal for Electricity, in Appeal No. 167 of 2014, has restricted the applicability of such charges primarily to co-located CPPs, and in Appeal Nos. 228 of 2022 and 391 of 2023 (Rain CII Carbon (Vizag) Ltd.), has held that GSC cannot be levied on non-captive cogeneration plants and that any such charge, if leviable, must be limited to co-located captive consumption computed on net capacity basis.

#### **Justification for the Present Levy**

- 3.24.18 The Commission observes that co-located CPPs operating in parallel with the grid derive substantial and quantifiable economic benefits from the grid, including:
- (a) Standby supply: continuous availability of grid power to substitute CPP output during planned and unplanned outages, eliminating the need for the CPP to invest in dedicated backup generation capacity;
  - (b) Frequency regulation: the grid absorbs generation-load imbalances arising from CPP output variability and tripping events, providing frequency stability that the CPP avails without investing in dedicated frequency regulation infrastructure;



(c) Voltage regulation and reactive power support: the grid provides reactive power compensation and voltage stabilisation services to CPPs, the cost of which would otherwise have to be borne by the CPP through investment in dedicated reactive power compensation equipment;

(d) System reliability and power quality: the grid maintains overall system stability, fault ride-through capability, and power quality parameters that benefit CPP operations.

3.24.19 The Commission is of the considered view that a co-located CPP, by virtue of its parallel connection to the grid, enters into an implicit regulatory compact under which it derives the benefit of the licensee's statutory obligation to maintain a reliable and stable grid. The economic value of these avoided costs to the CPP is real and measurable, and the CPP's obligation to compensate the licensee for these services is not contingent upon proof of incremental expenditure attributable to any specific CPP. The compensable service is the availability and reliability of grid support, not its marginal cost of provision in respect of any individual CPP.

3.24.20 The Commission further observes that a co-located CPP is the only category of grid-connected entity that avails these grid support services without any compensating charge. Generators with PPAs compensate the licensee through the tariff framework. Open Access consumers and generators pay Cross Subsidy Surcharge, Additional Surcharge, Wheeling Charges, SLDC Charges, and Deviation Settlement Mechanism charges. Co-located CPPs pay none of these. In the absence of GSC, co-located CPPs would be unjustly enriched at the expense of the licensee and, ultimately, other consumers of electricity.

#### **On the R&M-Linked Methodology**

3.24.21 The Commission acknowledges that the R&M-linked methodology adopted by TGDISCOMs, linking GSC to the Repair and Maintenance expenditure of the transmission and distribution network apportioned by total contracted capacity, is a representative methodology and does not purport to be a precise measure of the cost of each individual grid support service rendered to CPPs.

3.24.22 However, the Commission is of the view that this methodology is justified on the following grounds:

(a) R&M expenditure represents the irreducible minimum cost of maintaining a functional and reliable grid. Without this expenditure, the grid cannot sustain itself and the services it renders to co-located CPPs *i.e.*, standby supply, frequency support, voltage regulation would cease to be available. Co-located CPPs therefore derive direct and unavoidable benefit from the R&M expenditure incurred by the licensee.

(b) The R&M-linked charge is a conservative and non-onerous representative for the full economic value of grid support services availed by co-located CPPs. The actual value of avoided costs to CPPs for backup generation capacity, frequency regulation infrastructure, reactive power compensation equipment, substantially exceeds the GSC of Rs. 19.77/kW/month, which is among the lowest in the country and constitutes a negligible fraction of the Average Billing Rate.

(c) A more precise cost-reflective methodology, based on spinning reserve costs, reactive power costs, frequency regulation costs, and standby capacity costs attributable to CPP parallel operation, requires comprehensive technical studies and advanced metering infrastructure that are not presently available. The R&M methodology provides a practical and administratively feasible basis for the levy in the interim.

(d) The argument that R&M costs are incurred regardless of CPP presence and therefore cannot be attributed to CPPs does not take into account that the value of the service to the recipient, not the incremental cost to the provider, is the appropriate basis for a compensatory charge of this nature. A co-located CPP takes the support of grid infrastructure maintained through R&M expenditure and cannot claim exemption merely because the provider would have incurred those costs in any event.

3.24.23 The Commission therefore concludes that the R&M-linked methodology provides an adequate, conservative, and legally defensible basis for the present levy and does not require further technical validation for its continuation.

### Scope and Quantum of GSC

3.24.24 The Commission directs that GSC shall be levied strictly in accordance with the following principles:

(a) Restricted to co-located CPPs only

GSC shall apply exclusively to co-located Captive Power Plants availing captive consumption in parallel with the grid. It shall not be levied on:

- Captive Power Plants (both Renewable and Conventional) which are not co-located.
- IPPs (both Renewable and Conventional).
- Solar Roof Top plants.
- Generators which have PPAs with TGDISCOMs.

(b) The chargeable capacity for GSC shall be computed as:

Chargeable Capacity = Installed Capacity of CPP – Capacity supplied to third parties through Open Access – Capacity committed under PPA with DISCOM

The Commission clarifies, for the avoidance of doubt, that the deduction on account of Open Access capacity refers exclusively to the capacity of the CPP that is exported or supplied to third parties through Open Access *i.e.*, capacity in respect of which the OA buyer pays transmission charges, wheeling charges, and other applicable charges. This deduction is intended to avoid double-charging where OA-related charges already compensate the licensee for system use.

The deduction does not apply to power that the CPP owner imports from outside through Open Access for its own captive consumption. Such import of OA power for in-house use does not reduce the CPP's chargeable installed capacity, because it neither involves any outflow of power through the CPP nor does it result in payment of OA charges by or on behalf of the CPP owner in respect of the CPP's capacity. DISCOMs shall ensure strict compliance with the net capacity formula in all assessments and shall not deviate therefrom.

(c) GSC rate

The GSC rate of Rs.19.77/kW/month as calculated is conservative and appropriate charge consistent with the R&M-linked methodology.

### Specific Observations on ITC Limited's Objections

3.24.25 The Commission has carefully considered the detailed objections filed by M/s ITC Limited, Paperboards and Specialty Papers Division (the Objector), which operates a co-generation plant at Sarapaka, Bhadradri Kothagudem District, with seven TG Sets aggregating approximately 260.187 MVA, and maintains a 132 kV interconnection



with TGNPDCL with a Contract Maximum Demand of 15 MVA.

**(i) On the claim that no grid support is actually availed**

3.24.26 The Objector contends that since its TG Sets operate in island mode with electrical interlocks that trip loads on TG Set failure, no actual grid support is availed and the connection to the grid is utilised only for start-up power, standby, and import of Open Access power from its wind plant in Andhra Pradesh. The Commission does not accept this contention.

3.24.27 The obligation on the licensee and the consequent cost arises not from the actual drawl of power but from the permanent availability of the grid to the Objector. The grid must at all times maintain voltage and frequency reference at the 132 kV point of interconnection, system strength and fault level support, protection coordination and backup fault-clearing capability. These are continuous obligations imposed on the licensee by the mere existence of a live synchronised interconnection, regardless of whether any load transfer physically occurs on a given day. The compensable service is availability, not utilisation.

3.24.28 Further, the Objector's own operational arrangement confirms this dependence. The TG Sets are started up using grid power drawn within the 15 MVA CMD. The Objector imports inter-state Open Access power from its wind plant in AP, which is operationally feasible only because a live, stable, frequency-synchronised grid connection is maintained at the point of common coupling. The grid is thus an integral enabler of the Objector's daily operations, not a passive standby.

**(ii) On the CMD of 15 MVA as adequate compensation**

3.24.29 The Objector argues that its CMD of 15 MVA with TGNPDCL adequately covers any grid interaction. The Commission does not accept this argument as the CMD arrangement compensates the licensee for energy drawn and demand consumed within the contracted limits. It does not and cannot compensate the licensee for the system-readiness obligations arising from the maintenance of a live 132 kV interconnection with a plant having over 260 MVA of installed generation capacity. These are distinct obligations of a fundamentally different character. Demand charges relate to consumption on the other hand GSC relates to system readiness and availability.

**(iii) On the comparison with Open Access consumers**

3.24.30 The Objector argues that imposing GSC on a co-located CPP while not imposing it on an Open Access consumer sourcing the same quantum of power is discriminatory. The Commission rejects this argument as open Access consumers pay a comprehensive set of charges *viz.*, Cross Subsidy Surcharge, Additional Surcharge, Wheeling Charges, Transmission Charges, SLDC Charges, and Deviation Settlement Mechanism charges, that collectively compensate the licensee for the system infrastructure used. A co-located CPP pays none of these charges in respect of its captive capacity. The comparison is therefore between entities that are not similarly situated, and differential treatment is not only permissible but required.

3.24.31 In the Objector's specific case, the import of wind power from AP through inter-state Open Access reinforces rather than reduces the case for GSC, since that OA import itself depends upon and is enabled by the live 132 kV grid interconnection. The Objector is thus deriving grid support both for its captive co-located operations and for its OA import facilitation, while compensating the licensee for neither of these.

**(iv) On the chargeable capacity for ITC**

3.24.32 Applying the net capacity formula to the Objector's case: the total installed CPP capacity is approximately 260.187 MVA. The Objector imports OA power into its premises from its AP wind plant for its own captive consumption. As clarified in para 3.24.24(b) above, this import does not constitute a deduction from chargeable capacity since it does not involve any outflow of the Objector's CPP capacity to third parties through OA. The Objector has no reported PPA for supply to TGDISCOMs. Accordingly, the chargeable capacity for GSC is the full installed CPP capacity of approximately 260.187 MVA, subject to verification by TGNPDCL of any capacity actually supplied to third parties under OA.

3.24.33 The claim that the stated standby capacity of 95.5 MVA should be excluded is not accepted. Designation of capacity as 'standby' is a unilateral operational decision of the CPP and carries no regulatory commitment to keep those units offline. The CPP may synchronize and load such units at any time without intimation to the DISCOM, and the licensee must therefore always maintain full system readiness for the entire interconnected capacity. GSC being a charge on interconnected capacity and not on dispatched capacity, the CPP's operational decisions cannot reduce its GSC liability.

**(v) On the exclusion of R&M charges below 132 kV**

3.24.34 The Objector contends that since its interconnection is at 132 kV, R&M expenditure at lower voltage levels cannot be included in the GSC computation. This contention is rejected as the R&M methodology is for the cost of maintaining grid reliability as an integrated whole. Grid stability and system readiness are indivisible services that cannot be segregated by voltage level. Unlike wheeling charges, which recover the cost of actual power flow through specific voltage levels, GSC recovers the cost of system readiness which is an integrated service delivered through the entire network. The contention is accordingly rejected.

**(vi) On the request for a separate proceeding and scientific study**

3.24.35 The Objector has prayed that a scientific study be conducted by an independent technical body before levying GSC.

3.24.36 The GSC of Rs 19.77 /kW/month is grounded in the R&M methodology approved by this Commission in its order dated 27.03.2024 in OP Nos. 80 and 81 of 2022. This methodology recovers only the cost of maintaining grid infrastructure, a narrow and conservative component of the full spectrum of grid support services rendered to co-located CPPs. The economic value of spinning reserve, frequency regulation, reactive power support, and voltage stability services all of which are continuously rendered to the Objector by virtue of its grid interconnection which is not captured in the present levy at all. The approved GSC therefore represents the irreducible minimum of what is legitimately recoverable, not a ceiling.

3.24.37 The Commission has independently directed a comprehensive technical study to quantify the full cost of grid support services presently unrecovered under the R&M methodology. This direction serves the Commission's statutory obligation to ensure cost-reflective tariffs and it is not a concession to the Objector's prayer and affords no ground for suspending a levy that demonstrably understates the licensee's legitimate entitlement. The present levy shall continue without interruption pending the outcome of the study.

3.24.38 The contention of the objector is accordingly rejected.



## Directions for Technical Study

- 3.24.39 The Commission takes note of the direction of the Hon'ble Appellate Tribunal for Electricity in Appeal No. 385 of 2023 that detailed technical studies be undertaken to assess the actual impact of parallel operation of CPPs on the grid under modern grid conditions.
- 3.24.40 The Commission observes that the current R&M-linked GSC methodology, while legally valid and administratively feasible, recovers only the cost of grid infrastructure maintenance. The full economic value of grid support services rendered to co-located CPPs comprising spinning reserve, reactive power and voltage support, frequency regulation, and power quality management remains unquantified and unrecovered under the present levy. A comprehensive technical study is therefore necessary to establish a cost-reflective GSC methodology that captures the complete range of services rendered.
- 3.24.41 Accordingly, *TGDISCOMs are directed to conduct a study through an independent institution of repute such as CPRI, IIT, or NIT and submit the report to the Commission by 30<sup>th</sup> September 2026.* The study shall quantify the actual cost of each grid support service rendered to co-located CPPs and the corresponding avoided costs to CPPs by virtue of grid connectivity. It shall also examine whether differential treatment between conventional and renewable energy CPPs is warranted, and evaluate the suitability of service-based standby charge frameworks as adopted in other states.
- 3.24.42 The present levy shall continue during the pendency of the study. Based on the study findings, the Commission shall review the GSC rate and methodology with a view to ensuring full cost recovery of all grid support services rendered to co-located CPPs.
- 3.24.43 The Commission has considered the approved R&M Expenses for TGSPDCL, TGNPDCL and TGTRANSCO for FY 2026-27 in the Orders on Wheeling Business and Transmission Business for FY 2026-27.
- 3.24.44 The Commission has computed the GSC of Rs. 19.77 /kW/Month by considering the total generation capacity connected to Telangana grid as on 31.03.2026 as shown below:

**Table 3-45: Grid Support Charges (Rs. Crores) claimed and approved for FY 2026-27**

| Particulars                                                              | Claimed       | Approved      |
|--------------------------------------------------------------------------|---------------|---------------|
| TGSPDCL                                                                  | 261.11        | 285.83        |
| TGNPDCL                                                                  | 169.17        | 174.64        |
| TGTRANSCO                                                                | 69.34         | 67.17         |
| <b>Total (A)</b>                                                         | <b>499.62</b> | <b>527.65</b> |
| Contracted Capacity (MW) (B)                                             | 22,511        | 22,244.39     |
| <b>Rate of GSC (Rs/kW/month)</b><br>[C=(A*10 <sup>7</sup> /12)/(B*1000)] | <b>18.50</b>  | <b>19.77</b>  |

3.24.45 The GSC is not applicable for the following:

- Captive Power Plants (both Renewable and Conventional) which are not co-located.
- IPPs (both Renewable and Conventional).
- Solar Roof Top plants.
- Generators which have PPAs with TGDISCOMs.

### 3.25 REVENUE FROM STANDBY CHARGES

#### ***TGDISCOMs' Filings***

3.25.1 The TGDISCOMs have proposed to levy Standby Charges at the rate of 10% of applicable energy charge for respective consumer category over and above the normal tariff to the extent of open access energy.

#### ***Commission's analysis & findings***

3.25.2 The Standby charges are incorporated to address the issue of exigencies of Open Access Users and the consumers from the TGDISCOMs for drawing power. The relevant Regulation regarding the same as per the Terms and Conditions of Open Access Regulations, 2024 is reproduced below:

*Regulation 20.1.g: "The standby charges, wherever applicable, shall be specified by the State Commission and such charges shall not be applicable if the GEOA consumers have given notice, in advance at least twenty-four (24) hours before the time of delivery of power, for standby arrangement to the distribution licensee:"*

3.25.3 Further, MOP had issued the Electricity (Promoting Renewable Energy Through Green Energy Open Access) Rules, 2022 in regard to Standby Charges, which is specified as below:

*“(4) The standby charges, wherever applicable, shall be specified by the State Commission and such charges shall not be applicable if the Green Energy Open Access Consumers have given notice, in advance at least twenty-four hours before the time of delivery of power, for standby arrangement to the distribution licensee:*

*Provided that the applicable standby charges shall not be more than ten per cent of the energy charges applicable to consumer tariff category.”*

3.25.4 In light of the above, the standby charges will be levied as follows:

- The Standby Charges shall be 10% over and above of the applicable tariff only to the extent of the energy drawn in excess of CMD by an open access consumer. However, in case if an advance notice of 24 hrs is given by the OA consumer to the licensee, then such standby charges cannot be levied.
- The Standby Charges shall not be applicable if the GEOA consumers have given notice, in advance at least twenty-four (24) hours before the time of delivery of power, for standby arrangement to the distribution licensee;

### 3.26 REVENUE GAP

#### *TGDISCOMs' Filings*

3.26.1 The revenue gap/surplus with proposed tariffs for FY 2026-27 claimed by TGDISCOMs is given below:

**Table 3-46: Revenue gap/surplus (Rs. Crores) claimed by TGDISCOMs for FY 2026-27**

| Particulars                                               | TGSPDCL       | TGNPDCL        | Total          |
|-----------------------------------------------------------|---------------|----------------|----------------|
| <b>Aggregate Revenue Requirement for FY 2026-27</b>       | <b>50,242</b> | <b>22,754</b>  | <b>72,996</b>  |
| Revenue from Current Tariffs                              | 40,378        | 10,172         | 50,550         |
| Revenue from Cross Subsidy Surcharge                      | 168.5         | -              | 168.5          |
| Revenue from Additional Surcharge                         | 29.5          | -              | 29.5           |
| Non-tariff Income                                         | 83            | 61             | 144            |
| <b>Total projected revenue for FY 2026-27 (incl. NTI)</b> | <b>40,659</b> | <b>10,233</b>  | <b>50,892</b>  |
| <b>Revenue (Deficit)/Surplus at current tariffs</b>       | <b>-9,583</b> | <b>-12,521</b> | <b>-22,104</b> |

#### *Stakeholders' Submissions*

3.26.2 Stakeholder has submitted that the Commission, through directive No.16, has directed the TGDISCOMs to keep pursuing with the government for clearance of outstanding electricity bills of government departments. The TGDISCOMs have responded that “regular pursuance is made with the Government departments for clearance of



outstanding dues” and that “all the possible efforts are being made for collection of 100% outstanding dues from all the consumers including Government departments”. The TGDISCOMs have separately shown arrears of consumers over Rs. 50,000 pending for over six months.

- 3.26.3 Despite the claimed efforts of the TGDISCOMs to collect arrears from the consumers, the trends of increasing arrears are alarming. The details of latest dues both the TGDISCOMs must collect from consumers, including governmental departments and local bodies are not given. The amounts pending from the government towards true-up claims and subsidy to be paid to the TGDISCOMs are not available. The amounts TGDISCOMs have to pay to generators and suppliers of power and others, the number of cases pending at various levels relating to dues to be paid or collected by the TGDISCOMs, the accumulated losses of the TGDISCOMs, the accumulated dues of loans taken by the TGDISCOMs, the reasons the TGDISCOMs failing to disconnect service connections of the consumers when the latter fail to pay CC bills in time, as per the terms of supply, the amounts the TGDISCOMs paid or are paying towards delayed payment surcharge for the last three and current FYs, the additional loans being taken by the TGDISCOMs and interest thereon being paid by them in view of their precarious financial position etc remain unanswered. The Commission is requested to get the above sought information every month, review it and give necessary instructions and guidance to the TGDISCOMs to improve their performance and make the same public.
- 3.26.4 Stakeholder submitted that, after the Commission issues RSTO for next financial year, several factors, which could not be foreseen or as a result of failure to foresee or due to unrealistic estimates and determination of various factors at the time of submission of ARR and tariff revision proposals of the TGDISCOMs and issuing RSTO by the Commission, may come into play during next financial year. As a result, revenue requirement and revenue gap or surplus of the TGDISCOMs may vary vis-à-vis the ones determined in RSTO. The following are some of the factors that may lead to variations in revenue requirement and revenue gap/surplus of the TGDISCOMs during the financial year concerned:

- a. Variation in availability of power and surplus/deficit due to unrealistic estimates and entering into long-term power purchase agreements (PPAs) to

purchase unwarranted power, especially renewable energy like solar and wind power, with must-run status, indiscriminately, and getting regulatory consents to the same.

- b. Taking shelter under long-term load forecast, resource plans, electricity plan, etc., submitted by the TGDISCOMs and consented by SERC to enter into long-term PPAs to purchase unwarranted power, without reviewing ground reality and revising the projections made in those plans periodically, as and when a proposal or PPA comes up for consideration of the Commission.
- c. Failure to maintain balance between demand curve and power mix to the extent possible to ensure that surplus power is available to the least possible extent technically.
- d. Backing down generation capacities of thermal power plants as per the principle of merit order dispatch when surplus power is available on a large scale and paying fixed charges for power backed down.
- e. Purchasing power in the market and through power exchanges at higher prices, with power exchanges becoming conduits for legalized black marketing, without real competition among sellers.
- f. Inadequate supply of fuels like coal, natural gas, etc., and problems and costs of transportation.
- g. Pricing of fuels, change in law and policies of taxation of the governments.
- h. Government of India forcing thermal power stations to import costly coal by artificially creating scarcity for coal in the country, with a view to facilitating import of coal from the mines of Indian monopoly corporate houses and through traders, with manipulated and inflated prices.
- i. GoI and Central Electricity Authority directing thermal power stations to reduce their PLF drastically to facilitate penetration of RE into the grid.
- j. Determination of targets of minimum purchase of renewable energy, with must-run condition, under renewable power purchase obligation (RPPO) by ERCs on a higher side and even exceeding that percentage, with PPAs entered into by the TGDISCOMs and consents given to the same by SERC

indiscriminately.

- k. Problems of variation in generation of power by various plants below their threshold level of plant load factor (PLF) due to divergent problems and problems of intermittency in generation of power by plants of renewable energy, above or below capacity utilization factor (CUF).
- l. Increasing burdens of non-conventional energy, especially, with ever increasing variable costs, as in the case of biomass-based power plants.
- m. Allowing the TGDISCOMs to purchase power from power plants for interim tariffs, as decided by the Commission, without submitting and considering capital cost of the plants, PPAs and tariffs simultaneously and in time.
- n. Purchasing power, especially renewable energy, under higher generic tariffs fixed by SERC, and through mutual agreements, without following the process of real competitive biddings and by not giving as much scope as possible for wider participation of bidders in the country, to ensure competitive tariffs
- o. Imprudent terms and conditions in the PPAs much to the detriment of interests of consumers at large and undue benefit to developers of power plants.
- p. Endless legal litigations, especially, with private power developers, and their consequences.
- q. Ever-changing and never-ceasing notifications and directives being issued by the GoI, often mutually contradictory in nature, to be followed by the state governments, DISCOMs and ERCs.
- r. Conditionalities being imposed by the GoI under schemes like revamped distribution sector scheme (RDSS) to ensnare the states and their DISCOMs, thereby imposing avoidable and unwarranted burdens on the consumers.
- s. Lack of effective regulatory control on purchases of materials and contracts being given by transmission and distribution licensees.
- t. Due to vagaries of nature like scanty rainfall or drought or heavy rainfall and floods, variations in generation of hydel power and renewable energy and demand for power take place.



- u. Apart from scheduled shut down of power plants for annual overhauling, forced shut down due to technical problems may take place, leading to generation of power below threshold levels of PLF.
- v. Shifting of cross-subsidizing consumers like HT industrial and commercial consumers to captive generation, open access, rooftop solar power, etc. Shifting of high-consumption domestic consumers to rooftop solar, etc.
- w. Time of the day charges
- x. Banking facility
- y. Drawing power under unscheduled interchange
- z. Allowing private DISCOMs to be set up in the areas of operation of the DISCOMs of state government.
- aa. Setting up a separate DISCOM for supply of power to agriculture in the state.
- bb. Variations in transmission, inter-state and intra-state, and distribution charges and losses.
- cc. Variations in estimated and determined demand for power
- dd. Writing off of bad and doubtful debts
- ee. Imbalanced orders of the regulatory Commissions, both state and central, and appellate authorities.
- ff. After introduction of the arrangement in the early 2000s, starting with Rs. 50 crores under FSA for the first quarter, the burdens have been increasing tremendously on the consumers of power, running into thousands of crores of Rupees annually. The FSA and true-up burdens annually are turning out to be several times higher than the impact of tariff hikes and as higher percentages of the annual revenue requirements of the DISCOMs determined by SERC. This is despite the fact that the subsidy being provided by the state government, too, is increasing considerably. FSA and true-up burdens are even exceeding the subsidy being provided by the state government.

3.26.5 Stakeholder submitted that TGNPDCL proposes to maintain tariffs unchanged despite facing a revenue deficit of Rs. 12,521 crores. This proposition is fiscally irresponsible

unless accompanied by an irrevocable, unconditional commitment from the State Government to bridge the entire gap through budget allocation.

- 3.26.6 Stakeholder submitted regarding arrears that, according to TGNPDCL filings of FY 2026-27 total arrears of Rs. 50,000 and more pending for six months as on 30.09.2025 are Rs. 17,968.45 crores. These arrears are higher than ARR approved by the Commission for FY 2025-26. According to TGSPDCL filings of FY 2026-27 total arrears of Rs. 50,000 and more pending for six months as on 30.09.2024 are Rs. 2,418.68 crores. These arrears are equal to 5.88% of ARR approved by the Commission for FY 2025-26. Compared to the previous year TGSPDCL has reduced the arrears substantially. Substantial portion of these arrears have to come from state government departments. (While TGSPDCL mentioned the arrears due from Government departments, TGNPDCL did not show these details. TGNPDCL provided circle wise information). According to TGSPDCL submission arrears due from state government departments stand at Rs. 1,543.06 crores accounting for 63.8% of the arrears. Situation may be the same or even worse in the case of TGNPDCL. In the case of TGNPDCL 99% of the arrears are due from HT consumers. According to Section 1.2 i) of UDAY – MoU all outstanding dues from the government departments to DISCOMs for supply of electricity shall be paid by 31.03.2017. Since then, arrears from state government departments in fact have increased.
- 3.26.7 If the arrears below Rs. 50,000 are also taken in to account total arrears due to TGDISCOMs will be much higher. Because of these mounting arrears TGDISCOMs are forced in to heavy debt burden and it is one of the reasons for losses incurred by the TGDISCOMs.
- 3.26.8 Stakeholder has submitted that, high ARR gap of Rs. 12,521 crores, higher Employee and O&M costs compared to those approved by the Commission, increasing depreciation, interest and RoE, and the overall weak financial position of the TGDISCOMs due to high power purchase cost, borrowing burden and dependence on Government subsidy. It was also stated that cost projections appear understated and may result in liabilities during future true-ups.
- 3.26.9 Stakeholder has expressed concern regarding the poor financial health of DISCOMs, large revenue gaps and increasing borrowings. It was suggested that electricity tariffs should be revised rationally in accordance with rising costs to ensure the sustainability

of the distribution sector.

3.26.10 Stakeholder requested clarification regarding pending dues of Lift Irrigation schemes, and sought disclosure of Government subsidy amounts billed, paid and outstanding, along with monthly cash flow details and requested disclosure of total borrowings of TGDISCOMs, interest burden, and details of cases related to payments made above PPA rates, including legal expenses and status of such cases.

### ***Petitioner's Replies***

3.26.11 TGDISCOMs submitted that, as mentioned in the filings they are continuously pursuing with State govt and govt departments for clearance of outstanding dues, timely disbursement of subsidy amounts. TGDISCOMs submit that necessary actions are being taken in accordance with the Terms and Conditions of Supply in cases where consumers, do not pay CC bills within the prescribed timelines. Data regarding arrears, payables, outstanding loans are available in the audited annual accounts of TGDISCOMs, and these documents are made available to public. TGDISCOMs remain fully committed to strengthening their financial position and will continue to do so.

3.26.12 TGDISCOMs submitted that, it may be noted that the very act of projection will have a certain bit of uncertainty because of uncontrollable factors beyond the control of the licensee. Regulatory principles are well laid for treatment of deviations due to controllable and uncontrollable factors. The licensee submits that the relevant factors are considered for making projections that reflect the situation on ground.

- a. The licensee submitted that there is no unwarranted purchase of power, especially solar and wind. It may be noted that the Commission has come up with a comprehensive Renewable Power Purchase Obligation (RPO) after a detailed public consultation and scrutiny. Further the quantum of RE purchase has been aligned to the demand and supply scenario of Telangana State. The licensee is procuring RE power to achieve a two-pronged objective of reducing power purchase cost and also fulfilling the RPO requirements. For FY 2024-25, as against TGERC RPO target 10% (solar) & 1.75% (Non solar) & MNRE, TGDISCOMs have achieved said target. Hence, the licensee submits that it is not resorting to any indiscriminate purchase of RE power. All power procurements are being done considering the need to supply quality & reliable power supply



with due approval of the Commission.

- b. It may be noted that while filing for the ensuing year of the control period, the licensee has considered the more recent factors which are impacting projections and modulating them accordingly. A holistic assessment is made on the adequate supply to be contracted to serve the expected demand in an optimal and reliable manner. Such projections are also subject to the regulatory scrutiny of the Commission.
- c. Maintaining balance between the demand and supply in real-time is a complex phenomenon, and TGS LDC is executing the mandated task in a meticulous manner. This is evident in the availability levels of the network. Experiencing surplus/deficit in time slots across the day is an inherent feature of the system, and licensees are endeavouring to run the system in an optimal and reliable manner.
- d. Backing down of generation capacities is done strictly in accordance with the Grid Code for ensuring the secure, reliable, and stable operation of the grid.
- e. TGDISCOMs would like to submit that Section 66 of the Electricity Act pertains to the 'Development of Market'. In accordance with above provision, CERC has notified the 'Power Market Regulation' and power exchanges are one of the key market participants. It must be noted that from a commercial and operational standpoint, it is advisable to have firm contracted capacities to extent of base demand of the system (around 70%). Around 15-20% could be contracted through medium term contract and balance 10-15% of the quantum could be contracted on a short-term basis for balancing the power requirements in a short time scale. Power exchanges are regulated by Hon'ble CERC and its operations are also subject to scrutiny of Hon'ble CERC. Hence, power exchanges serve as an excellent platform for fulfilling the short-term power needs either purchasing quantum in case of deficits and in selling any surplus power. The Day-ahead Market (DAM) and Real-time market (RTM) operate based on 'Anonymous Closed Double Sided' auction wherein the buyer and seller don't know each other and Market Clearing Price (MCP) are determined based on algorithm of 'social welfare maximization'. This is a transparent mechanism and prices determined are a function of demand and supply, and there is no scope of manipulating the

bid prices. It may be noted that Hon'ble CERC also conducts surveillance on exchange operations and audits the algorithm on a periodic basis to prevent any malpractice. In view of the points elucidated above, the remarks of the objector are not warranted, and they undermine the structural foundations of 'Power Market' especially at a time when efforts are being made across India for increasing the 'Short-term Market' size.

- f. TGGENCO and SCCL have tied up for coal based on the thermal capacities contracted with TGDISCOMs. TGGENCO stations have requisite fuel allocations for existing capacities. For the upcoming units to be commissioned, matter for coal linkage allocation has been taken up with Ministry of Coal.
- g. Moving to a cleaner and environmentally friendly power generation is beneficial to all the stakeholders and utilities across the globe are making a conscious effort to source higher quantum of RE power. The above trend of 'Energy Transition' brings along certain challenges such as making coal-based plants more flexible, capable of operating at a lower technical minimum. It may be note that these are fundamental measures for greater integration of RE and TGDISCOMs are not insulated from such a trend. TGGENCO and licensees are taking necessary steps for integrating higher quantum of RE power.
- h. It must be noted that though TGDISCOMs are currently meeting the RPO targets as set by TGERC, the targets itself are expected to be revised upwards. Hence, TGDISCOMs are taking appropriate measures to meet the revised targets.
- i. The issues pointed out by the objector are common in a high RE environment. TGGENCO and the TGDISCOMs are taking up measures for operating the grid and meeting the demand of consumers in a system with higher RE penetration.
- j. The quantum of operational biomass power plants is low in the State of Telangana. Determination of tariff for Biomass plants would be based on methodology outlined by the Commission.
- k. It must be noted that RE technologies take time to mature from a commercial and operational standpoint. If we were to consider the case of solar power, there was preferential tariff determination by Regulatory Commissions across India and globally for encouraging solar power during 2010-2014. However, due to the

‘learning curve’ effect we are seeing a downward trend in solar prices and price discovery is largely through competitive bidding. In the same manner to encourage RE technologies which have not gained sufficient maturity, Regulators are determining tariffs based on set methodology. Progressively competitive bidding would be the basis for the selection of developers.

- l. TGDISCOMs across the country must compete for funding which is available under RDSS. Hence it is natural for set of criteria to be met to be eligible for the funding schemes.
- m. It is expected that ‘Regulatory Oversight’ should nudge the licensees towards pushing their limits and improving their performance across all areas. However, micromanagement by the Regulator in the operations of the licensee is neither desirable nor is proven for achieving the desired results. The licensees are fully adhering to the directives of the Commission and implementing the necessary measures.
- n. TGGENCO is taking all measures for achieving the normative availability of 85% and most of the stations have achieved this target.
- o. Banking facility is as per the existing provisions in the Terms and Conditions of OA regulations notified by TGERC. Drawing Power under UI/ Deviation Settlement Mechanism (DSM) is very minimal. For FY 2024-25 at a state level there was a marginal inflow of INR 12crs.
- p. The rationale and high-level modalities for formation of Third Discom are outlined in the GOTG GO issued on 17<sup>th</sup> December 2025.
- q. Transmission and Distribution charges are primarily based on the CAPEX additions and the extent of capitalization in a year, usage of the network, inflationary trends in cost elements, etc. Line losses depend on the peak loading, power flow path, extent of network for improving the reliability of supply etc.
- r. Writing off of bad and doubtful debts is as per the accepted and prudential accounting norms
- s. FSA and true ups are being computed based on the Methodologies formulated by the Commission.



3.26.13 TGDISCOMs submitted that they have been consistently taking focused steps for arrears reduction through sustained monitoring, intensified collection drives, disconnection of defaulting consumers as per the Electricity Act, 2003 and Supply Code provisions, and periodic engagement with large consumers. As rightly noted by the objector, TGSPDCL has achieved a substantial reduction in arrears compared to the previous year, reflecting the effectiveness of these measures. With regard to TGSPDCL, the arrears pertain to State Government departments, amounting to Rs. 1,543.06 crores (63.8%), the DISCOM has been regularly pursuing the concerned Government departments through institutional mechanisms and periodic reconciliations.

3.26.14 Regarding the reference to Clause 1.2(i) of the UDAY MoU stipulating clearance of Government department dues by 31.03.2017, it is submitted that while the TGDISCOMs have been continuously flagging the issue at appropriate levels, the clearance of such dues depends on budgetary allocations and policy decisions of the State Government. Non-realisation of these amounts cannot be construed as a lapse on the part of the TGDISCOMs, particularly when supply to essential Government services cannot be abruptly discontinued.

3.26.15 It is therefore submitted that arrears from Government departments are a systemic issue, being addressed through coordinated efforts with the State Government, and the same should not be viewed as inefficiency in TGDISCOM operations. The demonstrated improvement in arrears position, especially in the case of TGSPDCL, clearly establishes the TGDISCOMs' commitment to financial discipline and revenue recovery.

3.26.16 The Licensee submitted that the status of directives and accident details have already been provided as part of the ARR filings. TGDISCOMs are taking steps to reduce the ACS-ARR gap through operational efficiency improvements, consumer awareness programmes, and by pursuing Government arrears. Energy audits and quarterly reports are being conducted and uploaded periodically.

3.26.17 The Commission will take an appropriate decision on tariff revision after considering stakeholder views and Government subsidy commitments during the tariff determination process.

3.26.18 Proposals regarding pending dues have been submitted to the Government. Budget

provisions are being made every year towards settlement of dues. Relevant financial information relating to subsidies and receivables is disclosed in regulatory filings and financial statements of the TGDISCOMs. Details relating to borrowings, interest liabilities and other financial matters are disclosed in the audited accounts of the TGDISCOMs, which are available in the public domain. Payments to generators are made as per tariffs approved by the Commission.

### ***Commission's analysis & findings***

3.26.19 This Commission has considered all the provisions under the Electricity Act, 2003 and also various directions of Hon'ble Apex Court, APTEL required to be considered and tried to balance the interests of consumers and financial health of the TGDISCOMs, while determining the tariff.

3.26.20 Following the approval for TGPRDCL by the Government of Telangana vide G.O.Ms.No. 44 dated 17.12.2025, a distribution license application is currently under consideration. The formation of this third entity will alter the consumer mix and energy requirements, impacting the ARR, Revenue Gaps and subsidy allocations for existing TGDISCOMs. Accordingly, the Commission intends to examine the rationalisation of tariffs at appropriate time, while duly safeguarding the interests of all DISCOMs and consumers.

3.26.21 In respect of huge arrears from the government, this Commission has taken note of the concerns expressed by various stakeholders. The Commission has also noted from the replies that efforts are being made to recover the arrears.

3.26.22 *TGDISCOMs are directed to keep pursuing with the government for clearance of outstanding electricity bills of Government Departments and submit the report of recovery to the Commission in the filings for next year.*

3.26.23 The revenue gap determined by the Commission at the Reference Tariffs is as shown in the Table below:

**Table 3-47: Revenue gap (Rs. crores) at Reference Tariffs determined for FY 2026-27**

| Particulars                                        | TGSPDCL          | TGNPDCL          | CESS          | TOTAL            |
|----------------------------------------------------|------------------|------------------|---------------|------------------|
| <b>Net Aggregate Revenue Requirement (ARR) (a)</b> | <b>44,720.96</b> | <b>20,229.76</b> | <b>608.57</b> | <b>65,559.29</b> |
| Revenue from current tariff                        | 40,128.90        | 9,933.92         | 215.78        | 50,278.60        |
| Revenue from Cross Subsidy Surcharge               | 168.28           | 0.00             | 0.00          | 168.28           |
| Revenue from Additional Surcharge                  | 6.50             | 0.00             | 0.00          | 6.50             |



| Particulars                            | TGSPDCL          | TGNPDCL          | CESS          | TOTAL            |
|----------------------------------------|------------------|------------------|---------------|------------------|
| <b>Total Projected Revenue (b)</b>     | <b>40,303.69</b> | <b>9,933.92</b>  | <b>215.78</b> | <b>50,453.38</b> |
| <b>Revenue Deficit/(Surplus) (a-b)</b> | <b>4,417.28</b>  | <b>10,295.84</b> | <b>392.79</b> | <b>15,105.91</b> |

### 3.27 FULL COST RECOVERY TARIFF SCHEDULE

- 3.27.1 The Commission after examining the cost, revenue and cross subsidy for each consumer category and considering the Reference Tariff Schedule has determined the Full Cost Recovery Tariff Schedule (FCRTS) for FY 2026-27. Should this FCRTS be levied on different consumer categories for consumption during FY 2026-27, TGDISCOMs will be able to meet the approved revenue requirement in full.
- 3.27.2 The revenue is computed as per the Reference Tariff Schedule, for each consumer category based on the approved sales for FY 2026-27. The non-tariff income is apportioned amongst various consumer categories.
- 3.27.3 The category-wise revenue including the non-tariff income is compared with the category-wise cost of supply, based on the cost of service determined for the respective consumer categories. Based on the cost and revenue from each consumer category, some consumer categories are classified as subsidising if the revenue is more than the cost (surplus) and others are subsidised if the revenue is less than cost (deficit).
- 3.27.4 The sum of surplus of revenue over cost available from subsidising categories is first utilised to meet the deficit of subsidized consumer categories other than LT-I (Domestic) and LT-V (Agricultural). The remaining surplus, if any, is allocated to LT-I (Domestic) and LT-V (Agricultural) categories.
- 3.27.5 After allocation of the surplus available, the net deficit (cost for that category less revenue from the category and surplus allocated to that category) is computed for LT-I (Domestic) and LT-V (Agricultural) consumer categories. The net deficit computed for LT-I and LT-V categories is Rs. 15,105.91 crores.
- 3.27.6 As there is no other source of revenue to meet the remaining cost, the energy rate/charge for LT-I (Domestic) and LT-V (Agricultural) categories is revised upwards by an amount equal to net deficit divided by approved sales. By doing so, the revenue from tariff and allocated surplus will be sufficient to meet the cost.
- 3.27.7 Following the methodology detailed above, the Commission has drawn up a FCRTS for each TGDISCOM. If TGDISCOMs levy the tariff as per FCRTS for FY 2026-27,



they would recover the approved ARR in full.

3.27.8 The FCRTS for FY 2026-27 is given below:

**Table 3-48: Full Cost Recovery Tariff Schedule for FY 2026-27**

| Consumer Category                                             | Full Cost Recovery Tariff  |        |                            |         |
|---------------------------------------------------------------|----------------------------|--------|----------------------------|---------|
|                                                               | Fixed Charge<br>Rs. /Month |        | Energy Charge<br>Rs. /Unit |         |
|                                                               | Units                      | Rate   | TGSPDCL                    | TGNPDCL |
| <b>LT Categories</b>                                          |                            |        |                            |         |
| <b>LT I: Domestic</b>                                         |                            |        |                            |         |
| LT I (A): Up to 100 Units/Month                               |                            |        |                            |         |
| 0-50                                                          | kW                         | 10.00  | 7.21                       | 7.75    |
| 51-100                                                        | kW                         | 10.00  | 3.10                       | 3.10    |
| LT I (B) (i): Above 100 Units/Month and Upton 200 Units/Month |                            |        |                            |         |
| 0-100                                                         | kW                         | 10.00  | 3.40                       | 3.40    |
| 101-200                                                       | kW                         | 10.00  | 4.80                       | 4.80    |
| LT I (B) (ii): Above 200 Units/Month                          |                            |        |                            |         |
| 0-200                                                         | kW                         | 10.00  | 5.10                       | 5.10    |
| 201-300                                                       | kW                         | 10.00  | 7.70                       | 7.70    |
| 301-400                                                       | kW                         | 10.00  | 9.00                       | 9.00    |
| 401-800                                                       | kW                         | 10.00  | 9.50                       | 9.50    |
| Above 800 units                                               | kW                         | 50.00  | 10.00                      | 10.00   |
| <b>LT II: Non-Domestic/Commercial/Others</b>                  |                            |        |                            |         |
| LT II (A): Uto 50 Units/Month                                 |                            |        |                            |         |
| 0-50                                                          | kW                         | 30.00  | 7.00                       | 7.00    |
| LT II (B): Above 50 Units/Month                               |                            |        |                            |         |
| 0-100                                                         | kW                         | 70.00  | 8.50                       | 8.50    |
| 101-300                                                       | kW                         | 70.00  | 9.90                       | 9.90    |
| 301-500                                                       | kW                         | 100.00 | 10.40                      | 10.40   |
| Above 500                                                     | kW                         | 100.00 | 11.00                      | 11.00   |
| LT II (C): Advertising Hoardings                              | kW                         | 150.00 | 13.00                      | 13.00   |
| LT II (D): Hair cutting Salons: Up to 200 units/month         |                            |        |                            |         |
| 0-50                                                          | kW                         | 60.00  | 5.30                       | 5.30    |
| 51-100                                                        | kW                         | 60.00  | 6.60                       | 6.60    |
| 101-200                                                       | kW                         | 60.00  | 7.50                       | 7.50    |
| <b>LT III: Industry</b>                                       |                            |        |                            |         |
| Industries                                                    | kW                         | 100.00 | 7.70                       | 7.70    |
| Seasonal Industries (off season)                              | kW                         | 100.00 | 8.40                       | 8.40    |
| Pisciculture/Prawn culture                                    | kW                         | 50.00  | 6.20                       | 6.20    |
| Sugarcane crushing                                            | kW                         | 50.00  | 6.20                       | 6.20    |
| Poultry farms                                                 | kW                         | 65.00  | 7.00                       | 7.00    |
| Mushroom, Rabbit, Sheep & Goat farms                          | kW                         | 100.00 | 7.30                       | 7.30    |

| Consumer Category                                            | Full Cost Recovery Tariff  |        |                            |         |
|--------------------------------------------------------------|----------------------------|--------|----------------------------|---------|
|                                                              | Fixed Charge<br>Rs. /Month |        | Energy Charge<br>Rs. /Unit |         |
|                                                              | Units                      | Rate   | TGSPDCL                    | TGNPDCL |
| <b>LT IV: Cottage Industries &amp; Agro Based Activities</b> |                            |        |                            |         |
| IV A: Cottage Industries                                     | kW                         | 20.00  | 4.00                       | 4.00    |
| IV B: Agro Based Activities                                  | kW                         | 20.00  | 4.00                       | 4.00    |
| <b>LT V: Agricultural</b>                                    |                            |        |                            |         |
| LT V (A): Agricultural (DSM Measures Mandatory)              |                            |        |                            |         |
| Corporate Farmers                                            | HP                         | 0.00   | 2.50                       | 2.50    |
| Other than Corporate Farmers                                 | HP                         | 0.00   | 2.59                       | 9.39    |
| LT V (B): Others                                             |                            |        |                            |         |
| Horticulture Nurseries up to 20 HP                           | HP                         | 20.00  | 4.00                       | 4.00    |
| <b>LT VI Street Lighting &amp; PWS Schemes</b>               |                            |        |                            |         |
| LT VI (A): Street Lighting                                   |                            |        |                            |         |
| Panchayats                                                   | kW                         | 32.00  | 7.10                       | 7.10    |
| Municipalities                                               | kW                         | 32.00  | 7.60                       | 7.60    |
| Municipal Corporations                                       | kW                         | 32.00  | 8.10                       | 8.10    |
| LT VI (B): PWS Schemes                                       |                            |        |                            |         |
| Panchayats                                                   | HP                         | 32.00  | 6.00                       | 6.00    |
| Municipalities                                               | HP                         | 32.00  | 7.10                       | 7.10    |
| Municipal Corporations                                       | HP                         | 32.00  | 7.60                       | 7.60    |
| <b>LT VII: General</b>                                       |                            |        |                            |         |
| LT VII (A): General Purpose                                  | kW                         | 21.00  | 8.30                       | 8.30    |
| LT VII (B): Wholly Religious Places                          | kW                         | 30.00  | 5.00                       | 5.00    |
| <b>LT VIII: Temporary Supply</b>                             | kW                         | 21.00  | 12.00                      | 12.00   |
| <b>LT IX: EV Charging Stations</b>                           | kW                         | 0.00   | 6.00                       | 6.00    |
| <b>HT Categories</b>                                         |                            |        |                            |         |
| <b>HT I (A): Industry General</b>                            |                            |        |                            |         |
| 11 kV                                                        | kVA                        | 500.00 | 7.65                       | 7.65    |
| 33 kV                                                        | kVA                        | 500.00 | 7.15                       | 7.15    |
| 132 kV and above                                             | kVA                        | 500.00 | 6.65                       | 6.65    |
| <b>HT I (A): Lights and Fans</b>                             |                            |        |                            |         |
| 11 kV                                                        |                            | 0.00   | 7.65                       | 7.65    |
| 33 kV                                                        |                            | 0.00   | 7.15                       | 7.15    |
| 132 kV and above                                             |                            | 0.00   | 6.65                       | 6.65    |
| <b>HT I (A): Poultry Farms</b>                               |                            |        |                            |         |
| 11 kV                                                        | kVA                        | 500.00 | 7.65                       | 7.65    |
| 33 kV                                                        | kVA                        | 500.00 | 7.15                       | 7.15    |
| <b>HT I (A): Colony Consumption</b>                          |                            |        |                            |         |
| 11 kV                                                        |                            | 0.00   | 7.30                       | 7.30    |
| 33 kV                                                        |                            | 0.00   | 7.30                       | 7.30    |
| 132 kV and above                                             |                            | 0.00   | 7.30                       | 7.30    |

| Consumer Category                                          | Full Cost Recovery Tariff  |        |                            |         |
|------------------------------------------------------------|----------------------------|--------|----------------------------|---------|
|                                                            | Fixed Charge<br>Rs. /Month |        | Energy Charge<br>Rs. /Unit |         |
|                                                            | Units                      | Rate   | TGSPDCL                    | TGNPDCL |
| <b>HT I (A): Seasonal Industries</b>                       |                            |        |                            |         |
| 11 kV                                                      | kVA                        | 500.00 | 8.60                       | 8.60    |
| 33 kV                                                      | kVA                        | 500.00 | 7.90                       | 7.90    |
| 132 kV and above                                           | kVA                        | 500.00 | 7.70                       | 7.70    |
| <b>HT I (A): Optional Category with Load up to 150 kVA</b> |                            |        |                            |         |
| 11 kV                                                      | kVA                        | 100.00 | 8.00                       | 8.00    |
| <b>HT I (B): Ferro Alloys</b>                              |                            |        |                            |         |
| 11 kV                                                      | kVA                        | 500.00 | 7.65                       | 7.65    |
| 33 kV                                                      | kVA                        | 500.00 | 7.15                       | 7.15    |
| 132 kV and above                                           | kVA                        | 500.00 | 6.65                       | 6.65    |
| <b>HT II (A): Others</b>                                   |                            |        |                            |         |
| 11 kV                                                      | kVA                        | 500.00 | 8.80                       | 8.80    |
| 33 kV                                                      | kVA                        | 500.00 | 8.00                       | 8.00    |
| 132 kV and above                                           | kVA                        | 500.00 | 7.80                       | 7.80    |
| <b>HT II (B): Wholly Religious Places</b>                  |                            |        |                            |         |
| 11 kV                                                      | kVA                        | 285.00 | 5.00                       | 5.00    |
| 33 kV                                                      | kVA                        | 285.00 | 5.00                       | 5.00    |
| 132 kV and above                                           | kVA                        | 285.00 | 5.00                       | 5.00    |
| <b>HT III: Airports, Railway Stations and Bus Stations</b> |                            |        |                            |         |
| 11 kV                                                      | kVA                        | 500.00 | 8.50                       | 8.50    |
| 33 kV                                                      | kVA                        | 500.00 | 7.85                       | 7.85    |
| 132 kV and above                                           | kVA                        | 500.00 | 7.45                       | 7.45    |
| <b>HT IV (A): Irrigation and Agriculture</b>               |                            |        |                            |         |
| 11 kV                                                      | kVA                        | 300.00 | 6.30                       | 6.30    |
| 33 kV                                                      | kVA                        | 300.00 | 6.30                       | 6.30    |
| 132 kV and above                                           | kVA                        | 300.00 | 6.30                       | 6.30    |
| <b>HT IV (B): CPWS Schemes</b>                             |                            |        |                            |         |
| 11 kV                                                      | kVA                        | 0.00   | 6.10                       | 6.10    |
| 33 kV                                                      | kVA                        | 0.00   | 6.10                       | 6.10    |
| 132 kV and above                                           | kVA                        | 0.00   | 6.10                       | 6.10    |
| <b>HT V (A): Railway Traction</b>                          | kVA                        | 500    | 5.05                       | 5.05    |
| <b>HT V (B): HMR</b>                                       | kVA                        | 500    | 4.95                       | 4.95    |
| <b>HT VI: Townships and Residential Colonies</b>           |                            |        |                            |         |
| 11 kV                                                      | kVA                        | 285.00 | 7.30                       | 7.30    |
| 33 kV                                                      | kVA                        | 285.00 | 7.30                       | 7.30    |
| 132 kV and above                                           | kVA                        | 285.00 | 7.30                       | 7.30    |
| <b>HT VII: Temporary Supply</b>                            |                            |        |                            |         |
| 11 kV                                                      | kVA                        | 500.00 | 11.80                      | 11.80   |
| 33 kV                                                      | kVA                        | 500.00 | 11.00                      | 11.00   |



| Consumer Category                  | Full Cost Recovery Tariff  |        |                            |         |
|------------------------------------|----------------------------|--------|----------------------------|---------|
|                                    | Fixed Charge<br>Rs. /Month |        | Energy Charge<br>Rs. /Unit |         |
|                                    | Units                      | Rate   | TGSPDCL                    | TGNPDCL |
| 132 kV and above                   | kVA                        | 500.00 | 10.80                      | 10.80   |
| <b>HT VIII: RESCOs</b>             |                            |        |                            |         |
| 11 kV                              |                            | 0.00   | 0.00                       | 4.77    |
| <b>HT IX: EV Charging stations</b> |                            |        |                            |         |
| 11 kV                              | kVA                        | 100.00 | 6.00                       | 6.00    |
| 33 kV                              | kVA                        | 100.00 | 6.00                       | 6.00    |
| 132 kV and above                   | kVA                        | 100.00 | 6.00                       | 6.00    |

3.27.9 In the absence of any external subsidy u/s 65 of the Act, TGDISCOMs will have to charge the rates contained in the above FCRTS to generate the revenue required to meet the approved cost.

### 3.28 COMMUNICATION WITH GOVERNMENT OF TELANGANA (GoTG) WITH REGARD TO SUBSIDY COMMITMENT

3.28.1 The Commission, taking into consideration the statement of GoTG in the Public Hearing held on 07.03.2026 at Hyderabad, has corresponded with GoTG vide Letter No. TGERC/Secy/Tariff/F. No. E-887228/D. No. 217/26 dated 25.03.2026, informing that the Commission after examining each component of the filings made by TGDISCOMs has determined the revenue deficit for both TGDISCOMs and CESS as Rs. 15,105.91 crores for FY 2026-27.

3.28.2 The details of requirement of subsidy amount as communicated to GoTG is shown in the Table below:

**Table 3-49: Requirement of subsidy amount (Rs. Crores) from GoTG for FY 2026-27**

| Sl. No       | Consumer Category  | TGSPDCL         | TGNPDCL          | CESS          | Total            |
|--------------|--------------------|-----------------|------------------|---------------|------------------|
| 1            | LT-I: Domestic     | 998.50          | 938.74           | 27.16         | 1,964.40         |
| 2            | LT-V: Agricultural | 3,418.78        | 9,357.09         | 365.63        | 13,141.51        |
| <b>Total</b> |                    | <b>4,417.28</b> | <b>10,295.84</b> | <b>392.79</b> | <b>15,105.91</b> |

3.28.3 In the said letter, it has been communicated that in the absence of any support from GoTG, full cost tariff as determined by the Commission would have to be imposed by TGDISCOMs.

3.28.4 In response to the Commission's letter dated 25.03.2026, the Special Chief Secretary to Government, Energy Department, GoTG, vide letter No. 375/Budget.A2/2026 dated 29.03.2026 has submitted to this Commission stating the following:

“... 2. With regard to the revenue gap of Rs.15,105.91 crores for FY 2026-27, I am pleased to inform you that the Government of Telangana has provided a budgetary allocation of Rs.14,000 crores (Rupees Fourteen Thousand Crore only) under the head of Power Subsidy in the State Budget for FY 2026-27. The Government hereby commits to extending this subsidy support to TGDISCOS under Section 65 of the Electricity Act, 2003, towards meeting the revenue gap for FY 2026-27. The Commission may factor this subsidy commitment while determining the retail supply tariffs, and may address any residual gap in accordance with its regulatory mandate.

...

4. With regard to the query under Section 108 of the Electricity Act, 2003, the Government's policy is to maintain uniform retail supply tariffs across the State, as has been the established practice. The Government reaffirms its commitment to this policy of uniform tariffs for all consumer categories across the jurisdiction of both TGDISCOS.

3.28.5 Out of the total revenue gap of Rs. 15,105.91 crores the subsidy commitment made by Government of Telangana is for an amount of Rs. 14,000 crores thereby leaving a balance of Rs. 1,105.91 crores. The balance amount of Rs. 1,105.91 crores will be treated as Regulatory Asset and will be dealt in accordance with the orders of Hon'ble APTEL and Hon'ble Supreme Court order in Writ Petition (C) 104 of 2014 dated 06.08.2025 and relevant provisions of the Electricity Act, 2003.

**Table 3-50: Allocation of subsidy commitment (Rs. Crores) of GoTG for FY 2026-27**

| Sl. No | Consumer Category  | TGSPDCL         | TGNPDCL         | CESS          | Total            |
|--------|--------------------|-----------------|-----------------|---------------|------------------|
| 1      | LT-I: Domestic     | 923.44          | 868.18          | 27.16         | 1,818.79         |
| 2      | LT-V: Agricultural | 3,161.81        | 8,653.77        | 365.63        | 12,181.21        |
|        | <b>Total</b>       | <b>4,085.25</b> | <b>9,521.95</b> | <b>392.79</b> | <b>14,000.00</b> |

**Table 3-51: Allocation of Regulatory Asset (Rs. Crores) for FY 2026-27**

| Sl. No | Consumer Category  | TGSPDCL       | TGNPDCL       | CESS        | Total           |
|--------|--------------------|---------------|---------------|-------------|-----------------|
| 1      | LT-I: Domestic     | 75.06         | 70.56         | 0.00        | 145.62          |
| 2      | LT-V: Agricultural | 256.97        | 703.32        | 0.00        | 960.29          |
|        | <b>Total</b>       | <b>332.03</b> | <b>773.88</b> | <b>0.00</b> | <b>1,105.91</b> |

### 3.29 TARIFF DESIGN

#### Time-of-Day Charges

##### *Stakeholders' Submissions*

- 3.29.1 Stakeholders have raised concerns that TGDISCOMs, while projecting revenues for FY 2025–26 and FY 2026–27, have not accounted for the additional income arising from withdrawal of off-peak incentives and continuation of peak Time-of-Day (ToD) charges. Although the Commission approved withdrawal of the Rs. 1.50/unit night incentive and continuation of peak-hour surcharge, stakeholders noted that the intended benefits—such as shifting consumption patterns, efficient solar utilization, and reduction in procurement costs—have not been transparently demonstrated by the DISCOMs.
- 3.29.2 It was argued that ToD tariffs, instead of functioning as a demand-side management tool, are increasingly being used as a revenue-generating mechanism. The withdrawal of off-peak incentives and imposition of peak surcharges have not effectively flattened the load curve and, in some cases, have led to higher procurement costs due to continued reliance on expensive market purchases. Further, changing supply dynamics, particularly increased solar generation during daytime, have altered peak and off-peak patterns, making the existing ToD framework less relevant and potentially counterproductive.
- 3.29.3 Stakeholders also highlighted regulatory non-compliance with the Electricity (Rights of Consumers) Amendment Rules, 2023, which mandate that tariffs during solar hours should be at least 20% lower than normal tariffs. The absence of daytime incentives and continuation of peak surcharges contradict this requirement. It was suggested that ToD tariffs should be restructured dynamically based on current supply conditions, including incentivizing daytime consumption to align with abundant solar power availability.
- 3.29.4 Concerns were raised regarding the broader economic impact, particularly on industrial and commercial consumers. Withdrawal of incentives increases the average billing rate, exacerbates cross-subsidization beyond limits prescribed in the National Tariff Policy, 2016, and reduces competitiveness. Industries that had already invested in infrastructure and operational changes to benefit from ToD incentives now face sunk



costs and regulatory uncertainty, undermining trust in tariff policies.

3.29.5 Stakeholders further argued that ToD tariffs do not significantly influence overall consumption patterns, which are largely driven by operational and social needs. They emphasized that the core issue lies in poor power procurement planning and excessive reliance on long-term PPAs, especially renewable energy, leading to surplus power and inefficiencies. ToD mechanisms, therefore, cannot substitute for prudent planning and balanced energy mix decisions.

3.29.6 In view of these concerns, stakeholders requested the Commission to restore off-peak incentives, remove peak surcharges, and redesign ToD tariffs in line with policy objectives and ground realities. They stressed the need for a stable, transparent, and consumer-friendly tariff framework that supports industrial growth, ensures fairness in cost allocation, and effectively integrates renewable energy without imposing undue financial burden on consumers.

#### ***Petitioner's Replies***

3.29.7 TGDISCOMs have clarified that the withdrawal of night-time ToD incentives is aimed at realigning consumption with solar hours, where power procurement costs are comparatively lower, rather than shifting demand to peak hours. The objective is to promote efficient utilization of low-cost solar energy, reduce dependence on expensive night-time power purchases, and thereby minimize the overall tariff burden on consumers while maintaining grid stability. They emphasized that solar power, being cheaper and prioritized under the merit order principle, supports cost optimization and system efficiency.

3.29.8 It was further submitted that continued reliance on market purchases does not indicate failure of ToD tariffs but reflects operational realities such as demand-supply gaps and variability in renewable generation. ToD is intended as a demand-side management tool to encourage partial shifting of consumption, not to alter total demand. With evolving generation patterns, especially increased solar capacity, ToD structures have been modified to align consumption with current supply conditions rather than flatten the load curve as in earlier scenarios.

3.29.9 TGDISCOMs also stated that the withdrawal of night incentives was necessary because such incentives were encouraging higher consumption during high-cost night

hours, increasing overall procurement costs and ultimately burdening consumers. The revised ToD structure seeks to discourage such consumption patterns and improve procurement efficiency. They clarified that ToD tariffs are not revenue-generating measures but tools for optimizing costs, and are distinct from mechanisms like Fuel Surcharge Adjustment (FSA), which recovers cost variations.

3.29.10 Finally, TGDISCOMs submitted that while current changes focus on cost optimization, they are examining the introduction of incentives during solar hours in line with the Electricity (Rights of Consumers) Amendment Rules, 2023. Appropriate proposals in this regard will be submitted to the Commission, with the broader goal of ensuring long-term tariff stability, efficient resource utilization, and protection of consumer interests.

### ***Commission's analysis & findings***

3.29.11 The Commission considering the submissions of the stakeholders and replies of the TGDISCOMs has provided an incentive of Rs. 0.50/ unit during the daytime hours i.e. 10 am to 6 pm and increased the ToD tariff from Rs. 1.00/ unit to Rs. 1.50 /unit during peak hours i.e. 6 am to 10 am and 6 pm to 10 pm. Any impact on account of this change will be considered at the time of true-up. Thereby, normal tariffs shall remain applicable for the time slot of 10 pm to 6 am. Full-fledged review of ToD tariffs based on load factors, availability, generation mix and other relevant factors will be taken up at the time of consideration of TGRPDCL, if necessary.

## **GMR International Airport**

### ***Stakeholders' Submissions***

3.29.12 Stakeholder has requested the Commission for revision of GMR Airport's Tariff at 132 kV level and also requested to revise the existing ratio of aviation to non-aviation loads from 61:39% to 80:20% ratio. The stakeholder further added that Hon'ble APTEL in Appeal No. 12 of 2011 held that if it is not feasible to have separate metering arrangements for the aviation activities and purely commercial activities, then the State Commission could re-categorize the Appellant in a separate category other than HT Commercial II and determine the composite tariff for aviation and the commercial activities of the Appellant.

3.29.13 The stakeholder submitted that the Commission in pursuance to the Hon'ble APTEL's

order in Appeal No. 12 of 2011 and considering the challenges involved in segregation of aviation and non-aviation loads created a new category for Airports for the Tariff Year 2012-13, by considering a composite tariff with aviation load at 61% and the non-aviation load at 39% ratio. Since the major non-aviation loads have been segregated from the aviation network in compliance to the directives of the Commission, resultantly, the load pattern ratios for the existing airport activities at GMR Airport have been changed.

3.29.14 The stakeholder further added that they have submitted representations dated 13.05.2022 and 10.10.2024 to the Commission and TGSPDCL for revising the HT-III tariff (132 kV Level and above) considering aviation load at 80% and non-aviation load at 20% and submitted the evidence for considering above request and again requested to revise the HT-III tariff for Airport (132 kV level and above) as per the revised the load ratios i.e., 80:20.

3.29.15 The stakeholder requested the Commission to advise TGSPDCL to carry out load assessment study for aviation service as the major non-aviation loads have been segregated and submit the cost of service to the Commission for finalizing HT-III Tariff. The stakeholder added that in the RSTO for FY 2025–26, the Commission directed TGSPDCL to submit detailed information regarding segregation of electricity consumption pertaining to commercial aviation supply at GMR Airport within three months, but the Licensee has not complied with the said direction till date and requested to examine the revenue proposals after the Licensee furnishes the required details in compliance with the earlier directions.

3.29.16 Another stakeholder submitted that Rajiv Gandhi International Airport, Hyderabad is collecting high user charges and using significant electricity consumption for commercial activities and advertisement hoardings and requested to increase electricity tariff applicable to such consumption.

### ***Petitioners Replies***

3.29.17 TGSPDCL submitted that relying on internal load data and representations of the RGIA dated 13.05.2022, 10.10.2024 to claim the aviation load ratio of 80% is selective and self-serving, such data has neither been subjected to independent verification nor approved by the Commission and the Tariff determination cannot be done based on representations or internal computations furnished by the consumer, especially when



separate metering and segregation are feasible and have in fact been implemented.

3.29.18 It is further submitted that tariff categorisation and applicable load ratios are matters of regulatory determination to be decided by the Commission after a detailed prudence check and stakeholder consultation. Stakeholder cannot seek automatic revision of approved ratios merely on the ground that internal consumption patterns have changed. Moreover, allowing revision of the Aviation to Non-Aviation ratio to 80:20 would result in cross-subsidy distortion and unjustified tariff benefit to non-aviation commercial activities, which are otherwise required to be billed under applicable commercial / HT categories. Such an approach would be contrary to the principles of cost reflectivity and non-discrimination enshrined under the Electricity Act, 2003. It is also pertinent to submit that HT-III tariff at 132 kV level and above is determined based on system cost, voltage-wise network usage and cross-subsidy considerations. Any modification to the tariff structure or load ratios has system-wide implications and cannot be considered in isolation for a single consumer.

3.29.19 TGSPDCL further submitted that segregation of certain non-aviation loads does not alter the fundamental network usage characteristics, demand pattern, or cost drivers applicable to HT-III consumers. Any separate cost of service study for a sub-set of consumers within an existing tariff category would lead to unwarranted tariff fragmentation and regulatory complexity. TGSPDCL submitted that the existing HT-III tariff as approved by the Commission, adequately reflects the cost of service, and no separate load assessment study or tariff finalization exercise for Aviation service is required. Further added that TGSPDCL has complied the direction given by the Commission and electricity loads pertaining to commercial usage located outside the GMR Airport premises are being segregated and billed separately.

### ***Commission's analysis & findings***

3.29.20 The existing composite tariff framework for airports was evolved in compliance with the directions of the Hon'ble Appellate Tribunal for Electricity, considering the practical challenges in segregating aviation and non-aviation loads. While stakeholders have submitted that the load composition has undergone a change and have sought revision of the ratio to 80:20, the Commission observes that such claims are presently based on internal data which has not been independently verified or validated.

3.29.21 As per the provisions of the Electricity Act, 2003, determination of tariff is dependent

on consumer's load factor, power factor, voltage and other parameters, not only on the type of loads (ratio of aviation and non-aviation). Hence, the Commission retains the existing tariffs for FY 2026-27.

3.29.22 *The Commission directs TGSPDCL to conduct a joint inspection with GMR Hyderabad International Airport Limited to ascertain the proportion of aviation and non-aviation loads and submit the inspection report to the Commission by 30<sup>th</sup> September 2026.*

## NHAI

### **Stakeholders' Submissions**

3.29.23 Stakeholder submitted that streetlights on National Highway fall under LT-VI Category. In terms of the Retail Tariff Order dated 29.04.2025 and 28.10.2024, LT-VI category includes supply of energy for lighting on public roads, streets, thoroughfares including parks, markets, cart-stands, taxi stands, bridges and also for PWS schemes in the Local Bodies viz., Panchayats/Municipalities/Municipal Corporations. Accordingly, it is evident that LT-VI Street Light category is applicable, among others, for lighting in public streets/ thorough fares which are open to the general public. Further, LT-VI Street Light category is a distinct category specifically designed to cover street lighting for public use. The usage of the word "including" makes it evident that LT-VI Street light category is an inclusive category and would cover any street lighting which serves a public utility function. Accordingly, street lighting on National Highways ought to be categorized under the LT-VI Street Light category, as it is intended for public safety.

3.29.24 Stakeholder submitted that if street lighting on National Highways continues to be categorized under the LT-II (B) Commercial category, it will result in significant financial hardships. The tariff differential between the LT-II (B) (with Rs. 11/- unit for above 500 units) and LT-VI (A) (with Rs. 7.10/- unit) categories is substantial, with a difference of approximately Rs. 3-4 per unit (approx.35% -36%). This tariff differential will impose a heavy financial burden since it is obliged to meet these increased costs for public safety measures. Accordingly, it is critical that streetlights on National Highways be categorized under LT-VI (A) Street Light category.

### **Petitioners Replies**

3.29.25 TGDISCOMs submitted that, as per the existing Retail Supply Tariff Order, only those



street lighting services operated by Local Bodies viz., Panchayats/ Municipalities/ Municipal Corporations are categorized under LT VI (A) Street Lights. In view of the above, as the street lights maintained by NHAI do not fall in the purview of local body and in any other LT category, the same are to be categorized under LT II Non-Domestic/Commercial category as per the terms and conditions of Retail Supply Tariff Order.

- 3.29.26 Street lighting maintained by NHAI in access-controlled highways are under LT-II(B) Commercial as they are access-controlled highways wherein consumers are charged a toll to access and use such highway facilities. The act of charging a toll to access / use any facilities comes under the purview of commercial use and as such the street lighting maintained by NHAI are to be considered under LT-II (B) category.
- 3.29.27 The Commission differentiates the tariff for street light services of the local bodies viz., Panchayats/ Municipalities /Municipal Corporations based on the tax revenue of the respective bodies. However, NHAI is collecting the toll fee from all the commuters on the National Highways. Hence, the billing category LT-II(B) considered is very much justified.
- 3.29.28 TGDISCOMs further submitted that the main intention of providing subsidized tariff for street light services maintained by local bodies is due to the limited tax revenue collected by them. Apart from the street lighting, the local bodies also provide additional services like drinking water, sanitization, primary health centres. The funds allotted by the local government to the local bodies are nominal only. Whereas the NHAI is being funded by the Central Govt as per the projects being undertaken, in addition to which, NHAI is collecting toll from the commuters which ensures revenue neutrality.
- 3.29.29 If the request of NHAI for subsidized tariff on par with local bodies is considered, the Cross-subsidy burden will increase on other category consumers which is against to the provisions of National Tariff Policy 2016. NHAI cannot be treated on par with local bodies. Hence, the Commission is requested to retain the existing LT-II(B) Category to the Street light services maintained by NHAI.

### ***Commission's analysis & findings***

- 3.29.30 The matter is presently under consideration of the Commission in O.P. No. 52 of 2025. A separate order in the matter will be issued shortly.



## IOCL

### *Stakeholders' Submissions*

- 3.29.31 Stakeholder requested for re-categorization of the HT power connection of Indian Oil Corporation Limited (IOCL), Hyderabad terminal, located at Cherlapally IDA which is availing HT power connection and is currently categorized under HT-II (A) (Commercial). Earlier, at Hyderabad terminal, the products i.e., motor spirit (petrol) and high-speed diesel were being stored and directly loaded into tank trucks without any blending process. However, at present, IOCL carries out blending operations such as Ethanol Blended Motor Spirit (EBMS) and B7 high speed diesel, Xtra premium MS and Xtra green diesel and also as per Government norms, blending of ethanol made mandatory or else payment of additional excise duty at the rate of Rs. 2 per litre for non-blended MS will be imposed on oil companies.
- 3.29.32 Further, the establishment is covered under the Factories Act and the stakeholder submitted that other IOCL terminals performing identical industrial operations in the state of Andhra Pradesh, such as Rajahmundry, Kakinada, Guntakal and Chittor are categorized under the HT-Industrial tariff category.
- 3.29.33 The stakeholder further to the reply submitted by TGSPDCL report on : a) The request for re-categorization to HT-I (Industrial) is not supported by the nature of operations carried out at IOCL Hyderabad Terminal; and b) The activities undertaken at the terminal are merely simple mixing of petroleum products and biofuels without any manufacturing or processing operations, and that blending is carried out only through transfer into existing tanks without the use of industrial processing equipment, following is submitted
- a) that the above observations are not in consonance with the actual operations at the Hyderabad Terminal. A manufacturing/processing activity is defined as a set of physical, chemical, or mechanical operations that transform raw materials or intermediate goods into finished products by altering their properties, composition or characteristics using machinery, power, and labour.
  - b) Blending of petroleum products and biofuels results in change in chemical properties, which constitutes processing and cannot be construed as simple mixing, The terminal is equipped with a Vapour Recovery Unit (VRU) that recovers petroleum vapours and converts them into liquid form through an

industrial process, Biodiesel blending operations require circulation to ensure uniform blending and compliance with prescribed chemical specifications of the finished product.

- c) As per Clause 2.2 of the Tariff Order, the HT-I Industrial Category is applicable where electricity is used for manufacturing, processing, or preservation of goods. In view of the above operational processes and recovery systems involving industrial processing equipment, IOCL Hyderabad Terminal is effectively engaged in processing activities of blended petroleum products.

3.29.34 In view of the above submission, the stakeholder requested for recategorization of HT Connection from HT-II (A): Commercial category to HT-I (A): Industry General while finalizing the retail Tariff Proposal of TGSPDCL.

### ***Petitioners Replies***

3.29.35 TGDISCOMs submitted through a report to the Commission, that based on the inspection conducted at the IOCL Hyderabad terminal, it is observed that the electrical supply is being utilized primarily for activities such as storage, unloading, transfer, pumping and simple mixing of petroleum products and biofuels, with no manufacturing or processing operation carried out at the premises, as the blending of petrol (80%) and ethanol (20%) is done through transfer into existing tanks without the use of any industrial processing equipment.

3.29.36 As per Clause 2.2 of the Tariff Order, the HT I Industrial category applies only where electricity is used for manufacturing, processing or preservation of goods, whereas Clause 2.16 explicitly classifies Gas/Oil Storage and Transfer Stations under HT II(A) Commercial; the activities observed at the IOCL Terminal fall squarely within this definition. Accordingly, TGSPDCL submitted that the existing categorization under HT II(A): Commercial is appropriate and the request for re categorization to HT I: Industrial is not supported by the nature of operations actually carried out at the premises.

3.29.37 The Vapour Recovery Units (VRU) and other equipment cited by IOCL are standard safety and environmental compliance systems mandated by CPCB for specific, high-volume retail petroleum outlets and storage terminals to control volatile organic compound emissions and do not constitute industrial processing equipment. The overall functioning of the terminal remains commercial in nature, consistent with



logistical and distribution activities covered under HT-II(A) Others, possession of a factory license also does not establish industrial activity, as such licenses are often required for safety, health, and environmental reasons. Accordingly, TGSPDCL submitted that the existing categorization under HT II(A): Others is appropriate.

### ***Commission's analysis & findings***

- 3.29.38 The Commission observed that, based on the inspection report submitted by the TGDISCOMs, the predominant activities at the IOCL Hyderabad Terminal include receipt of petroleum products, storage, unloading, transfer, pumping and blending through tank-to-tank operations. The blending of ethanol with motor spirit or additives with diesel, though resulting in modification of certain characteristics or compliance with statutory specifications, does not bring into existence a new product with a distinct commercial identity; the end product continues to be marketed as petrol or diesel.
- 3.29.39 The Commission also has taken note of the contention of the stakeholder regarding use of equipment such as Vapour Recovery Units (VRUs) and circulation systems. However, as clarified by the DISCOMs, such equipment is primarily installed for safety, environmental compliance and quality control purposes, and do not, by themselves, constitute industrial processing leading to manufacture of a new product.
- 3.29.40 With regard to the stakeholder's submission that similar IOCL terminals in other jurisdictions are categorized under industrial category, the Commission is of the view that tariff classification is governed by the applicable tariff orders and factual assessment within the jurisdiction of this Commission, and cannot be solely based on practices followed in other States.
- 3.29.41 In view of the above analysis, the Commission concludes that the activities carried out at the IOCL Hyderabad Terminal are predominantly in the nature of storage, handling, transfer and blending as part of petroleum distribution operations, and do not amount to manufacturing or industrial processing as contemplated under the HT-I category. Accordingly, the Commission finds no merit in the request for re-categorization and decides that the existing classification of the IOCL Hyderabad Terminal under HT-II (A): Commercial category is appropriate and shall continue.



## South Central Railways

### Stakeholders' Submissions

3.29.42 Stakeholder submitted that South Central Railway avails traction power through 31 TSSs at 132 kV Traction sub-stations in the state of Telangana. The total connected load is 474 MVA and total consumption of Railway traction is 1,302 million units projected for the year 2025-26 and paying a substantial amount of Rs. 914 crores to TGDISCOMs. The Railways is a bulk consumer and pay major revenues to TGDISCOMs. Hence, the grievances of Railways are to be considered while fixing the tariff for HT-V (A) category.

3.29.43 The stakeholder further submitted that the Government of India and state Governments have taken policy decisions to encourage public/private electric road vehicles for decarbonization of transport system to reduce carbon footprint and protect the environment. Government of India (Ministry of Railways) took policy decision to electrify its entire existing Railway network over Indian Railways on fast-track mode to enrich carbon free transportation and 99.2% of BG routes of IR have been electrified. The hike in electricity tariff of Railway Traction will affect the operating cost of Railways, which may result in high freight charges, commodity prices and thereby rise in inflation and burdening common man and public of all sectors. Rising operating costs in a labour-intensive Railway organization have a direct impact affecting financial sustainability, manpower planning and employment expansion.

3.29.44 Cost of Service for Railway Traction: The proposed Cost of service for Railway Traction is as follows:

| DISCOM  | Cost of Service Rs. /KWh        |
|---------|---------------------------------|
| TGSPDCL | 5.97 (As per the ARR submitted) |
| TGNPDCL | 5.63 (As per the ARR submitted) |
| Average | 5.80                            |

The comparison of cost of service and existing/proposed tariff for Railway traction HT-V(A) category is given below.

| Year    | Average COS of Discoms | Existing/Proposed Traction tariff | % Variation |
|---------|------------------------|-----------------------------------|-------------|
| 2026-27 | 5.80 /KWh              | 7.03 /KVAh                        | 21%         |

From above, it may be seen that the traction tariff is higher by 21% over cost of service which is against the provisions of National Tariff policy. The CoS is being calculated in terms of KWh and energy is being charged for Railway traction in terms of KVAh. As per the National Tariff Policy-January 2016, the tariffs shall progressively reflect the Cost of Supply. From the table above, it is noted that the percentage difference between the average cost of service of the two TGDISCOMs and the traction tariff proposed is 21% more, which is in contravention to the National Tariff Policy.

- 3.29.45 Stakeholder submitted that existing/proposed traction tariff with demand charges of Rs. 500/kVA and Energy Charges Rs. 5.05/kVAh, which is equivalent to Rs. 7.03/kVAh is already at very high and unreasonable for national transporter like Railways. Higher traction tariff slashes Rate of Return (RoR) for the new electrification projects, existing electrification projects and upgradation of existing electrification works which are under progress and may make them non-viable. Further, it is worth to mention that SC Railways operates train services around the clock both during the day and at night, contributing to maintain and increase grid stability during off-peak load hours. The details of existing Railways Traction Tariff rates with other states including Telangana were submitted which highlights relative high tariff burden in Telangana state. Other states offer traction-friendly tariff structures. The stakeholder requested to align Telangana traction tariff with national benchmarks. Tariff rationalization directly impacts freight cost, passenger fares and state economy.
- 3.29.46 It is evident from the data that there is a 1.44% more difference in the current tariff between HMR and Railways. Further, it is worth to mention that SC Railways operates train services around the clock both during the day and at night, contributing to maintain and increase grid stability during off-peak load hours, whereas HMR operates only with a fixed load during the day and no load during the night.
- 3.29.47 The stakeholder further submitted that by way of electrification of Railway network in Telangana additional infrastructure will be added, resulting into faster movement of goods and passenger traffic, ultimately there is every possibility of upcoming industries in Telangana state. The stakeholder submitted the 1,186 kms electrification projects completed in last 3 yrs, electrification projects under progress are 342 kms, electrification projects under sanction are 149 kms, electrification projects under proposal stage and yet to be sanctioned are 622 kms, these new line project sections

are planned to be electrified in Telangana state. Existing high traction tariff affects viability of the upcoming electrification projects and slow down the existing projects also in the state and effects the development of infrastructure works in the state.

3.29.48 Further, Railway Board has chosen Railway network work over Telangana region to upgrade the traction system from existing 1\*25 kV system to 2\*25 kV system to enhance existing carrying capacity to realize Mission 3,000 MT master plan of PMO office, wherein connected loads and power demand are envisaged to increase significantly.

### ***Petitioners Replies***

3.29.49 The petitioners submitted that as per Clause 8.3 of the National Tariff Policy, 2016, tariff design is based on the linkage of tariffs to the average Cost of Service not the category cost of service and the tariff for traction service is within 20% of Average Cost of Service of state/ DISCOM in line with national Tariff Policy 2016.

3.29.50 When compared with the prevailing tariffs in comparable states, Telangana does not levy the highest electricity tariff. A comparison of demand charges and energy charges across comparable states is presented below:

| Sl. No | State       | Demand charge<br>(Rs/KVA) | Energy charge<br>(Rs/Unit) |
|--------|-------------|---------------------------|----------------------------|
| 1      | Telangana   | 500                       | 5.05                       |
| 2      | AP          | 350                       | 6.50                       |
| 3      | Karnataka   | 355                       | 6.50                       |
| 4      | Tamil Nadu  | 608                       | 7.75                       |
| 5      | Maharashtra | 650                       | 7.29                       |

3.29.51 The above comparison demonstrates that the tariff applicable to the Railway category in Telangana is competitive and is either comparable to or lower than the tariffs prevailing in other similar states. TGDISCOMs further submits that power purchase costs, generation mix, geographical factors, renewable availability, and PPAs vary significantly from state to state. Accordingly, the cost of supply and tariff structure cannot be uniform across states, and tariffs are necessarily reflective of state-specific conditions.

3.29.52 The marginally lower tariff provided to HMR aims to support urban transportation, as HMR requires significantly higher investment for pillar construction and overhead traction systems compared to SCR. Further, higher compensation is payable for



property demolitions in urban areas. In view of these factors, the Licensees have proposed demand and energy charges to ensure sufficient cost recovery.

3.29.53 TGDISCOMs have been undertaking significant capital investments to strengthen and expand the electrical network with the objective of ensuring reliable and widespread access to electricity. Recovery of these costs is therefore essential for the Licensees to sustain operations and continue providing quality, reliable, and uninterrupted power supply to all consumers.

***Commission's analysis & findings***

3.29.54 The Commission has taken note that the existing tariff for Railway Traction category comprises Demand Charges of Rs. 500/kVA/month and Energy Charges of Rs. 5.05/unit. Considering average load factor of 50%, the effective tariff works out to approximately Rs. 6.44 per unit. This effective tariff is broadly in line with the Average Cost of Supply of the TGDISCOMs and does not indicate any significant deviation warranting downward revision.

3.29.55 Further, the Commission has undertaken a comparative analysis of traction tariffs prevailing in other major states. It is observed that the effective tariff in Telangana is relatively low and, in several cases, lower than that of comparable states such as Kerala, Delhi, Karnataka, Andhra Pradesh, Punjab, Maharashtra, Tamil Nadu, Uttar Pradesh and Bihar. This demonstrates that the tariff applicable in the State is competitive and does not impose an undue burden on the Railways.

3.29.56 With regard to the comparison made by the stakeholder with Hyderabad Metro Rail (HMR), the Commission observes that the tariff structures for Railways and HMR are not strictly comparable due to differences in operational characteristics and cost structures. HMR operates an urban mass transit system with significant capital investment requirements, including elevated corridors, station infrastructure, and urban right-of-way constraints, whereas Indian Railways operates a vast inter-city network with different load patterns and infrastructure dynamics.

3.29.57 The Commission also takes note that the tariff for Railway Traction in the State has remained largely stable over the past few years (4 years), with only a marginal increase in demand charges from Rs. 475/kVA to Rs. 500/kVA, indicating a consistent and reasonable approach in tariff determination. In view of the above, the Commission is

of the considered opinion that the existing tariff for Railway Traction is reasonable, reflective of the cost of supply, and comparable with tariffs in other states. Therefore, no further reduction in the tariff for the Railway Traction category is warranted at this stage.

### **Incentive for early payment**

#### ***Stakeholders' Submissions***

3.29.58 Stakeholder has submitted that railways are prompt in payment of energy bills to the TGDISCOMs and therefore deserve some rebate/incentive. Stakeholder requested that reasonable rebate/incentive for prompt payment be granted as done in Odisha state where a rebate of 1% (one percent) of the amount of monthly bill (excluding all arrears) is granted to railways.

#### ***Petitioners Replies***

3.29.59 TGDISCOMs submitted that they acknowledge and sincerely appreciate Railways for prompt payments. However, at present, there are no approved provisions or policies within the scope of the TGDISCOMs that allow for the extension of any rebates or incentives for prompt or early payments.

#### ***Commission's analysis & findings***

3.29.60 The Commission observes that the financial position of the TGDISCOMs continues to be under stress due to rising power purchase costs, significant capital investment requirements, and the need to maintain reliable supply across all consumer categories. In such circumstances, extending additional rebates or incentives would further impact the revenue realization of the licensees and may lead to an increased burden on other categories of consumers. The Commission is not inclined to accept to the request for providing rebate/incentive for prompt payment.

### **Regenerative braking for Railways and ABT meters**

#### ***Stakeholders' Submissions***

3.29.61 Stakeholder submitted that modern electric locomotives of railways are equipped with regenerative braking systems, whereby electrical energy generated during braking is injected back into the grid, particularly during off-peak/low traction load conditions. The drawl entity (Railways) is connected to the Intra-State Transmission System, and

power flow at the interface shall be reversible due to regenerative breaking. Thus, power flow at the TSS interface point is inherently bidirectional in nature. In the state of Telangana, out of the total 31 Railway Traction Substations over S.C. Railway, in 14 Railway Traction Substations, TGDISCOMs have installed unidirectional energy meters instead of bidirectional/ ABT compliant interface meters and at 17 Railway Traction Substations, bidirectional meters provided but they are made to function as unidirectional meters.

3.29.62 The issues with unidirectional meters are: a) Energy exported (regenerative energy) from Railways to the grid is not recorded. b) Only import energy is measured. c) Net energy accounting is not carried out. d) No tariff or settlement mechanism is applied for exported energy. e) This results in complete non-recognition of legitimate energy injected into the grid.

3.29.63 It is also submitted that a) Necessary charges for installation of ABT-compliant interface meters have already been paid to TG TRANSCO b) However, ABT-compliant bidirectional meters have not been installed at 14 Railway Traction Substations interface points, instead, unidirectional meters have been provided. Failure to install ABT meters defeats the purpose of interface metering under Availability Based Tariff (ABT) principles and causes financial prejudice to Railways.

3.29.64 In one of the Traction substations, TGDISCOM has insisted that Railways furnish an undertaking stating that Railways will not claim compensation or credit for regenerative energy injected into the grid as a pre-condition for extending supply. Such insistence is an arbitrary and unilateral, has no statutory backing under the Electricity Act, 2003, defeats the principle of fair energy accounting, discourages energy-efficient technologies like regenerative braking.

3.29.65 As per established electricity regulatory and grid operation principles interface metering at EHT/HT levels must be bidirectional where power flow is reversible, ABT-compliant meters are required at transmission interconnection points, energy accounting must reflect both import and export, suppression or non-recording of export energy is contrary to grid discipline and transparency norms, interface metering must reflect actual bidirectional energy flow as per established metering and grid operation principles. Railway Traction Substations, being bulk HT/EHT consumers connected to the grid, qualify for proper interface metering, consistent with ABT principles.



- 3.29.66 The stakeholder requested to direct TGTRANSCO / TGDISCOMs to install ABT-compliant bidirectional interface meters at all Railway TSS and GSS locations immediately, to ensure proper accounting of both import and export energy, direct billing to be carried out on net energy basis, artificial suppression of export data is contrary to grid discipline, unaccountable regenerative energy system affects, energy efficiency incentives and decarbonization objectives of the nation, non-recognition of such injection defeats national energy efficiency goals, direct TGDISCOMs not to insist on any undertaking denying legitimate export claims, issue appropriate directions regarding grant of Open Access NOC in accordance with statutory provisions.
- 3.29.67 Stakeholder stated that Railways is planning to avail traction power through open access. It is brought to the kind notice of the Commission that Indian Railways are already availing power through “Open Access” in 14 states. The “Deemed Distribution Licensee” status of Railways is under sub-judice at Hon’ble Supreme Court. However, Hon’ble Supreme Court in its interim orders dated 06.05.2024 and 08.11.2024, clarified that open access for Railways shall not be denied and cross subsidy and additional surcharges are not liable to be paid till final order of the Hon’ble Supreme Court. South Central Railway submitted application for grant of GNA NOC with TGTRANSCO on 17.06.2025 to avail power through open access as” Drawee entity connected with Intra-State Transmission System” as per CERC, General Network Access (GNA) Regulations’2022.
- 3.29.68 Availability of ABT meters is a mandatory requirement for availing power through Open Access. An amount of Rs. 14.30 crores were deposited with TGTRANSCO by Railways during 2017-18, as per the estimates submitted by TGTRANSCO. However, despite extensive correspondence between Railways, TGTRANSCO, and TGDISCOMs, no substantial progress has been made in providing ABT meters compatible with Open Access in accordance with the latest regulations and guidelines in force.
- 3.29.69 As per Section 39, 2 (d) Indian Electricity Act-2003, STU to provide non-discriminatory open access to its transmission system for use by all the entities eligible as per the Regulations in force. High traction tariff for Railways, forcing Railways to explore the other alternatives to avail traction power through bilateral arrangements

under Open Access to reduce the cost of energy billing. Reasonable, competitive and low traction tariff for Railways on par with the other open access states is requested to retain bulk consumer and prompt payer of electricity bills.

3.29.70 It is submitted that Railways have applied for NOC to avail power as 'drawee entity connected with intrastate transmission system' as per CERC GNA Regulations -2022 on 17.06.2025 with TGTRANSCO. However, a) NOC for Open Access has not been granted by TGTRANSCO to Railways. b) This is despite the regulatory framework under CERC (Connectivity and General Network Access to the inter State Transmission System) Regulations, 2022, which mandate transparent connectivity, scheduling, and accounting principles for transmission-connected entities. c) interface metering must record actual bidirectional energy flow. d) Denial of NOC coupled with non-installation of ABT meters results in regulatory and financial disadvantage to Railways. The combined effect of non-grant of Open Access and absence of ABT metering affecting procurement flexibility and prevents transparent energy accounting and fair settlement.

### ***Petitioners Replies***

3.29.71 TGDISCOMs submitted that they acknowledge that electric locomotives use regenerative braking systems. The interface metering point covers a long section of the railway traction network, extending over several kilometres. Within this section, multiple locomotives and rakes operate simultaneously, while one locomotive may generate energy during braking, other locomotives within the same traction zone are simultaneously drawing power for traction requirements. The regenerative energy produced during braking is first utilized within the railway system itself, including auxiliary consumption of the same locomotive (compressors, blowers, control systems, etc.), on-board auxiliary loads of AC coaches such as HVAC systems, other rolling stock operating in the same electrical section drawing traction power.

3.29.72 TGDISCOMs further submitted that Indian Railways 25 kV AC traction system (as adopted by Indian Railways) is generally fed from the 132 kV / 220 kV grid through a single-phase Traction Transformer connected between two phases (R-Y or Y-B) of a 3-phase system.

- Primary winding: Phase-to-Phase (Line-to-Line)
- Secondary winding: 25 kV single-phase feeding OHE (Overhead Equipment)



- Load type: Highly fluctuating, moving load (locomotives)

3.29.73 Thus, although the DISCOM grid is fundamentally 3-phase balanced, the traction load imposed is single-phase in nature, when the traction transformer primary is connected between two phases (e.g., R and Y):

- Current IR flows from phase R into the transformer.
- Current IY returns through phase Y.
- Phase B carries no current contribution for that traction transformer.

3.29.74 In instantaneous terms:  $IR = -IY$  (for single-phase load between R and Y) This means equal magnitude current flows in two phases. Third phase remains unloaded (from that traction point). In the conventional sense, this is not “reverse power export”, from the system perspective one phase carries current in opposite direction relative to the other, creating asymmetrical phase loading at the upstream 3-phase transformer, due to the aforementioned reasons, bi-directional meter cannot be installed.

3.29.75 TGDISCOMs regarding Non-installation of ABT Meters replied that they are processing the request of Railways as per Standard Operating Procedures of TGDISCOMs.

3.29.76 TGDISCOMs regarding forced undertaking from the consumer stated that due to reasons submitted in prepares there is no possibility of exporting energy by Indian Railways.

3.29.77 TGDISCOMs submitted that, as per CEA metering regulations section 7 “(a) Interface Meters (i) Consumers who have interconnection with the Inter-State Transmission System or Intra-State Transmission System and have been permitted open access by the Appropriate Commission shall be provided with interface meters. (ii) For consumers connected to distribution system and permitted open access, provision of interface meters may be made as per the regulations or directions of the Appropriate Commission. (iii) The scheme for location of interface meters shall be submitted to the CTU or the STU or the licensee by owner of the meter in advance, before the installation of the scheme.” Hence, the meters installed to railway services need not be interface meters.

3.29.78 TGDISCOMs further reiterated that net energy accounting is not applicable to Railway traction connections and no tariff settlement for exported units is admissible.



3.29.79 TGDISCOMs submitted that the Deemed Distribution Licensee status for Indian Railways was withheld by Hon'ble APTEL in its judgment. As per the provisions in the Electricity Act 2003 under section 42(2) & 42(4) any Open Access consumer is required to pay CSS& AS determined by the Commission in its Tariff orders including Indian Railways.

3.29.80 TGDISCOMs are processing the request of Railways as per their Standard Operating Procedures.

***Commission's analysis & findings***

3.29.81 The Commission has taken note that modern electric locomotives are equipped with regenerative braking systems, which have the capability to feedback energy during braking conditions. However, as explained by the TGDISCOMs multiple locomotives operating simultaneously over an extended traction section spread over kilometres, in such a system the energy generated during regenerative braking is largely absorbed within the same traction network itself either by the auxiliary loads of the same locomotive or by other locomotives drawing power within the same electrical section.

3.29.82 The Commission further observes that the traction load is highly dynamic and fluctuating in nature, and the regenerative energy fed by locomotives is intermittent and non-firm in nature which impacts the grid. Due to the distributed and simultaneous nature of traction operations, the possibility of consistent and measurable export of energy at the interface point is limited. The Commission also has taken note of the technical constraints highlighted by the TGDISCOMs.

3.29.83 In view of the above technical considerations, the Commission does not find sufficient merit in the stakeholder's request for implementation of net metering or commercial settlement of regenerative energy at this stage. However, considering the importance of energy efficiency, technological advancements, and the concerns raised by the stakeholder, the Commission is of the view that the issue warrants further technical examination. The Commission will issue separate directions to appoint an expert committee and the issue will be dealt separately based on the experience of other states.

## Recategorization of Telecom Tariff

### *Stakeholders' Submissions*

3.29.84 Stakeholder submitted that telecom services are essential infrastructure providing continuous 24\*7 connectivity and supporting digital governance, emergency services, and economic growth. It was appreciated that no tariff hike was proposed for FY 2025-26. However, it was requested that telecom infrastructure such as towers and data facilities be classified under the Industrial tariff category instead of the commercial tariff, as telecom services are recognized as infrastructure/industry at the national level and some other states have extended industrial tariff to the sector. Such classification, it was submitted, would reduce operating costs, support network expansion (4G/5G), and improve digital connectivity.

### *Petitioners Replies*

3.29.85 TGDISCOMs submitted that tariff classification is based on cost-of-supply principles and the nature of activity as determined by the Commission. Telecom infrastructure is a service activity and therefore appropriately falls under the Commercial / Non-Industrial category, while industrial tariff is generally applicable to manufacturing and production activities. Reclassification may have revenue implications and increase cross-subsidy burden on other consumers. Further, practices in other states or recognition of telecom as infrastructure under central policies do not automatically apply to electricity tariff determination, which is governed by the State ERC. Hence, tariff classification will continue as per the existing Tariff Orders of the Commission.

### *Commission's analysis & findings*

3.29.86 The Commission has taken note that telecom infrastructure primarily involves service-oriented activities such as signal transmission and network operations, and does not involve manufacturing or processing of goods. Accordingly, it does not qualify for classification under the industrial tariff category.

3.29.87 Therefore, the request for re-categorization of telecom infrastructure under the industrial tariff category is not considered, and the existing classification under Non-Domestic/Commercial category is retained.

## Recategorization of Dairy farming related activities

### *Stakeholders' Submissions*

3.29.88 Stakeholder submitted that dairy farming and sheep/goat rearing are traditional livelihood activities forming part of agriculture and allied sectors and therefore electricity used for such activities should not be billed under the commercial category and requested to classify under the agriculture category and extended agricultural tariff, or alternatively place under Agro-based / cottage industry category with concessional tariff, as commercial tariffs impose a heavy burden on farmers and create financial instability.

### *Petitioners Replies*

3.29.89 The Licensee submitted that dairy farms, sheep farms, goat farms, mushroom production units and rabbit farming are not billed under the Commercial category. As per existing tariff conditions, loads up to 25 HP are classified under LT-IV(B) – Agro-Based Activities, and loads above 25 HP are classified under LT-III – Industry, which is the classification consistently followed by TGDISCOMs.

### *Commission's analysis & findings*

3.29.90 The Commission has taken note that, as clarified by the Licensees, dairy farming and other allied activities such as sheep / goat farming, mushroom growing are not classified under the Commercial category. As per the existing tariff framework, such activities are categorized under LT-IV(B) – Agro based Activities for connected load up to 25 HP and under LT-III – Industry for loads above 25 HP.

3.29.91 In view of the above, the Commission finds that an appropriate classification already exists for these activities and therefore the request for re-categorization under Agriculture or any other category does not merit consideration.

## Separate category for Military Engineering Services (MES)

### *Stakeholders' Submissions*

3.29.92 The Military Engineering Services (MES), functioning under the Ministry of Defence, is responsible for providing infrastructure and utility services to the Armed Forces at Secunderabad through the Garrison Engineer (GE) Utility. Electricity for the Military Station is currently sourced from TGSPDCL through 51 HT and 26 LT service



connections, which are billed under multiple tariff categories.

3.29.93 The stakeholder has requested the creation of a separate electricity tariff category for MES/Defence establishments, highlighting that these entities are non-commercial and operate solely for national security and welfare purposes. The existing tariff structure does not adequately reflect their unique operational characteristics. Electricity demand within defence establishments is inherently variable due to frequent troop movements, operational deployments, training activities and administrative rotations, leading to fluctuations between Contracted Maximum Demand (CMD) and Recorded Maximum Demand (RMD), which in turn attract penalty charges.

3.29.94 Further, ongoing modernisation, including induction and testing of new equipment, results in temporary or sustained increases in load, again leading to penalties under the current framework. Residential facilities such as OTM accommodations, which are purely for dwelling purposes, are presently classified under commercial tariffs instead of domestic tariffs, resulting in higher charges. Additionally, various defence infrastructures such as offices, training institutions, logistics units and technical facilities are billed under different tariff categories despite functioning on a non-commercial basis.

3.29.95 The stakeholder also pointed out that defence establishments must maintain continuous operational readiness, and during emergencies or national exigencies, electricity consumption can increase significantly due to activation of additional facilities and systems. The absence of a dedicated tariff category complicates long-term infrastructure planning, budgeting and financial forecasting. Moreover, welfare institutions such as schools, hospitals and community facilities, which serve essential public and service functions without any profit motive, are not appropriately categorised.

3.29.96 In view of these factors, the stakeholder has requested the Commission to create a distinct tariff category for MES/Defence establishments to ensure rationalised billing, reduction of avoidable penalties, administrative clarity and alignment of tariff policy with the operational realities and national importance of defence infrastructure.

### ***Petitioners Replies***

3.29.97 TGDISCOMs submitted that, they acknowledge the critical national security role of

Defence/MES establishments and appreciate the operational context outlined in the request. TGDISCOMs further submitted that Tariff categorization, including creation of any new category, lies within the exclusive jurisdiction of the Commission. TGSPDCL's role is to implement approved tariffs, place facts on record, and submit workable solutions within the present regulatory framework.

3.29.98 TGDISCOMs are currently providing optimal tariff possible to the defence establishments following cost reflective approach. Pending any new category notified by the Commission, TGSPDCL is obliged to continue billing MES service connections under the prevailing HT/LT categories based on the nature of usage, voltage level, CMD, and applicable tariff orders. Further, TGDISCOMs submitted that, any directives issued by the Commission regarding the creation of a separate tariff category and shall comply with such directions from the Commission.

#### ***Commission's analysis & findings***

3.29.99 The Commission has examined the detailed submissions of the stakeholder and the replies of the TGDISCOMs. The issues raised by the stakeholder primarily relate to variability in demand arising out of operational requirements, leading to frequent revisions in Contracted Maximum Demand (CMD), imposition of penalties, and applicability of multiple tariff categories.

3.29.100 In this regard, the Commission observes that the existing tariff framework already provides suitable mechanisms to address such concerns. Specifically, provision exists for availing supply at a single point under HT-VI category for townships/residential colonies and similar establishments, wherein domestic consumption along with limited common facilities up to 20% such as water supply, street lighting, and other non-domestic usage can be accommodated within prescribed limits. Availing supply under such arrangements enables aggregation of loads, thereby benefiting from diversity factor and reducing the need for frequent CMD revisions and associated penalties.

### **Recategorization of HMWSSB water works**

#### ***Stakeholders' Submissions***

3.29.101 Stakeholder requested the Commission to continue the concessional Tariff at the

rate of Rs. 4.95 paise per kVAH on par with HMRL for the FY 2025-26 onwards on perpetual basis to HMWSSB and also requested to extend the HMRL tariff to the pump houses, STP stations and all office buildings of HMWSSB.

3.29.102 The stakeholder further submitted that in line with the orders of the Commission, since FY 2022-23, the Telangana Government sanctioning subvention amounts to HMWSSB payable to TGDISCOMs, however TGSPDCL raising power bills for HMWSSB under HT Cat-I (A) instead of HT Cat-V (B) due to non-release of subvention amount by the State Government.

3.29.103 The stakeholder mentioned that the Government of Telangana vide letters dated 30.06.2022 & 06.03.2023 has issued directions to the Commission under section 108 of the Electricity Act 2003 to issue the CC bills to HMWSSB under HT-V (B) duly assuring to release the subvention amount for the past and future period and compensate DISCOMs suitably and also mentioned that HMWSSB requested the Government of Telangana vide their letter dt. 01.01.2026 to issue directions for restoration of concessional tariff to HMWSSB.

#### ***Petitioners Replies***

3.29.104 The Licensee submitted that the Commission in its Order dated 22.10.2022 has expressly held that “Therefore, there shall be no further determination or decision or creation of a separate category of tariff for HMWSSB for FY 2022-23 except extending the applicability of the tariff determined for HMRL for FY 2022-23 to HMWSSB and such extension and applicability of the tariff is subject to the subvention commitment being agreed to and extended from time to time by the Government.”

3.29.105 Further, any concessional tariff can be considered only upon a firm subvention commitment from the Government of Telangana. Due to non-release of the sanctioned subvention amount by the State Government, the differential revenue corresponding to the concessional tariff has not been realized by TGDISCOMs.

3.29.106 In view of the above and in compliance with tariff orders, TGSPDCL has been raising power bills to HMWSSB under normal HT I(A) instead of HT-V(B) concessional tariff, to avoid revenue shortfall and financial strain on the utility.

3.29.107 TGDISCOMs submitted that the concessional tariff under HT Category-V(B) can be extended prospectively upon receipt of the eligible subvention amount from the



State Government along with necessary budgetary support and requested to continue the existing tariff structure for HMWSSB.

### ***Commission's analysis & findings***

3.29.108 The Commission reiterates the settled position as laid down in the Order dated 22.10.2022 in I.A. No. 54 of 2022 in O.P. Nos. 58 & 59 of 2021, wherein the concessional tariff applicable to HMRL was extended to HMWSSB subject to the condition that the Government of Telangana provides the required subvention in a timely manner. The Commission had also clearly held that no separate tariff category for HMWSSB would be created and that such concessional treatment is contingent upon the continued commitment of subvention by the State Government.

3.29.109 In line with the Commission's earlier orders, the request for continuation of concessional tariff or creation of a separate tariff category for HMWSSB is not considered at this stage. The existing tariff applicable as per the prevailing tariff order shall continue until the requisite subvention is provided in accordance with Section 65 of the Electricity Act, 2003. In addition to this, after formation of TGRPDCL, the stakeholder may approach the Commission for consideration.

### **Land requirement from developers for necessary infrastructure**

#### ***Stakeholders' Submissions***

3.29.110 Stakeholder submitted that TGSPDCL through memo dated 06.07.2024 insisting the developers to allot 800 sq yards of land to TGSPDCL for the units 500 and more and 1500 Sq yards of land if the plots or villas measuring 35 acres are more, but due to high cost of land in Hyderabad the land requirement sought by TGSPDCL is undoable and the department has to acquire the land. The auction by the government for lands itself a testament for how expensive such lands is. Developers are paying tremendous fee to HMDA, GHMC, Electricity Board all in the name of Development and provision of infrastructure. Stating the above reasons the stakeholder requested to ask the department to revoke such memo and not insist Land from Developers.

#### ***Petitioners Replies***

3.29.111 TGDISCOMs submitted that, land requirement specified in the Memo dated 06.07.2024 has been framed after detailed technical assessments to ensure that large

residential layouts and villa developments are equipped with dedicated, safe, and future-ready electrical infrastructure. High-density developments demand exclusive space for installing distribution transformers, RMUs, feeder pillars, switchgear, earthing systems, and mandatory safety clearances as per CEA Regulations and IS standards. Without adequate earmarked land, it becomes operationally impossible to ensure system reliability, maintain safe separation distances, or meet the projected load growth of such townships, leading to long-term safety risks and supply constraints for residents. Further, it must be emphasized that TGSPDCL collects all applicable development charges, network augmentation charges, and line extension charges from developers, and undertakes the expenditure required for laying additional lines and strengthening the network. The land being requested is not a cost-shifting measure, but a fundamental safety and operational requirement to house essential electrical infrastructure in a manner that complies with statutory norms and supports uninterrupted and high-quality power supply. Accordingly, the existing land allocation norms remain necessary and justified for ensuring the long-term safety, reliability, and sustainability of power supply to these gated communities and meet future demands.

### ***Commission's analysis & findings***

3.29.112 The Commission has examined the submissions of the stakeholders and the replies of TGDISCOMs regarding the requirement of land to be provided by developers for electrical infrastructure. At the outset, the Commission has taken note that as per Clause 5.8.2 of the General Terms and Conditions of Supply (GTCS), the consumer is required to provide, at the agreed location and at their own cost, suitable space for housing the equipment of the Licensee, including switchgear and metering cubicles in case of HT supply, with necessary safety features such as weatherproofing and fireproofing. This provision clearly establishes that providing adequate space within the consumer's premises for installation of electrical infrastructure is an inherent requirement associated with availing supply.

3.29.113 The Commission further observes that in large layouts, gated communities, and high-density developments as stated by the TGDISCOM adequate land is essential for installation of distribution infrastructure such as transformers, RMUs, feeder pillars and associated equipment, in compliance with safety standards and to ensure reliable power supply. In view of the above, the Commission finds that the requirement of



earmarking space/land for distribution infrastructure within such developments is justified and consistent with the provisions of the GTCS.

3.29.114 However, the Commission has also issued Draft Third Amendment to TGERC (Licensee's Duty for Supply of Electricity on Request) Regulations, 2026 (Regulation 4 of 2013) on Service Line Charges (SLC) for HT categories. Upon considering the submissions of the stakeholders, final regulation will be issued in due course.

### **Commercial Tariff Applicability for Residential Units before receiving Occupancy certificate**

#### ***Stakeholders' Submissions***

3.29.115 Stakeholders submitted that, at the time of giving the HT electricity connection to the completed buildings the department releases the connection under HT-Category II (Commercial) as against the relevant HT Category VI (Township & Residential colonies) even though the building sanction is for Residential Purpose and the same is certified by the issuance of Occupancy Certificate by the relevant Authority.

3.29.116 The electricity department converts the HT Category II connection to HT Category VI after formation of the Residents' Welfare Association which takes more than 6 months for conversion itself. It is pertinent to note that as per the Real Estate Regulatory Authority act Telangana, the formation of Residents welfare Association is allowed to be registered only after 60% of the total apartments are occupied and to state that on an average the Residents take 8 to 10 months to occupy their respective apartments (flats). As such till 60% of the apartments are occupied the residents who have occupied the flats are forced to pay the electricity charges as per the commercial tariff even though the usage is purely for residential purpose.

3.29.117 As a result of the above charges the flat owners are holding the developers responsible for these exorbitant electricity bills which in turn creating unwarranted dissonance between the developers and flat owners. Stating the above reasons the stakeholder requested to covert the power to HT VI for all residential premises on receipt of Occupancy Certificate.

#### ***Petitioners Replies***

3.29.118 TGDISCOMs submitted that, the categorization of newly energized HT



connections under HT Category–II (Commercial) at the time of release is to ensure that the electricity supply is extended only to a legally identifiable and accountable consumer entity. In the case of large residential complexes, until the Residents' Welfare Association is formally constituted and registered, the responsibility for managing and accounting for the common power consumption continues to rest with the developer. Post completion of construction works, the internal furnishing works which are carried out by the residents do not fall under domestic activity and these are considered under HT Commercial category.

3.29.119 Further, conversion to HT Category VI (Townships & Residential Colonies) is permissible only after the Residents' Welfare Association is formed, registered, and capable of entering into a formal agreement with TGSPDCL for ongoing consumption, billing, and safety compliance. This process ensures that the entity operating the premises has legal standing, accountability, and operational control over the common facilities. While the timelines for Residents' Welfare Association formation may vary based on occupancy, these requirements are designed to protect the interests of residents, to avoid legal complications demanding individual connections to the residents, terms for sharing of electricity charges by the residents and ensure safe load management and maintain clear contractual responsibility.

3.29.120 Once the Residents' Welfare Association submits the requisite documents including registration proof, ownership/responsibility transfer, occupancy and compliance certificates, TGSPDCL expedites the reclassification to HT Category VI in line with applicable regulations.

### ***Commission's analysis & findings***

3.29.121 The Commission will take up this matter separately for further examination.

### **Power for Common area, STP, Club house under residential category**

#### ***Stakeholders' Submissions***

3.29.122 Stakeholder has submitted that, Clause 4.23.1, RST Order FY 2025-26, HT Category VI Common Area Load Limits: "...the connected load for common facilities such as non-domestic supply in residential area, street lighting and water supply etc., shall be within the limits specified hereunder: (i) Water Supply & Sewerage and Street Lighting put together 10% of total connected load (ii) Non-domestic/Commercial &

*General purpose put together 10% of total connected load” and the total cap is 20% of total connected load of the HT-VI Township connection.*

3.29.123 The Core Argument: Township Residents are performing Government’s function at a higher rate to understand why the 20% cap and the ‘commercial’ characterization of common area load are both legally and factually incorrect, it is necessary to compare who pays for equivalent services in a panchayat /municipality versus a township:

| Service / Load                         | In a Local Body (Government-managed)                                                                                                | In an HT-VI Township (Resident-managed)                                                                                       | Difference                                                                      |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Street lighting in lanes and corridors | Local Body pays — from government budget Electricity supplied under LT-VI Street Lighting & PWS at subsidized / concessional tariff | Residents pay from maintenance charges Electricity billed under HT-VI at LT-I / LT-II rates— HIGHER than LT-VI panchayat rate | Same service; residents pay more per unit than panchayat; no government support |
| Water pumping (OHT, sump, booster)     | Local Body pays Electricity supplied at concessional rate under LT-VI PWS or HT-IV(B) CPWS schemes                                  | Residents pay from maintenance charges Billed under HT-VI at higher blended rate                                              | Same function; residents pay at higher rate with no subsidy                     |
| Sewage Treatment Plant (STP)           | Local Body operates; billed at concessional HT-IV(B) CPWS rate or LT-VI rate                                                        | Mandatory under HMDA / DTCP rules; billed under HT-VI at higher rate                                                          | Same treatment function; same beneficiaries — residents pay more                |
| Firefighting pump systems              | Not applicable to Local Body at scale                                                                                               | Mandatory under DGFS Hyderabad/GHMC; billed at HT-VI rate                                                                     | Residents bear full cost of mandatory civic safety infrastructure               |
| Common area / corridor lighting        | Local Body bears cost at subsidized tariff                                                                                          | Residents bear cost at HT-VI rate (higher than panchayat rate)                                                                | Residents subsidize what government would otherwise fund cheaply                |

3.29.124 Panchayats and municipalities receive electricity for street lighting, water pumping, and STP operations at subsidized / concessional rates (LT-VI street lighting & PWS, HT-IV(B) CPWS) funded by Government budgets, these rates are substantially lower than the HT-VI rates at which township residents fund identical services from their own maintenance contributions. In a township, the residents - not the government - fund all of this civic infrastructure entirely from their own pockets, and they do so at rates that are higher than concessional rates at which equivalent government-run utilities are supplied. Therefore: (a) township common area load is not a burden on the DISCOM - it generates higher revenue per unit than the equivalent panchayat/municipal load; (b) it cannot be characterized as ‘commercial’ - it is pure civic infrastructure with zero commercial profit motive; (c) capping it and penalizing it as if it were a commercial load has no legal, economic, or policy rationale.

3.29.125 Revenue Comparison: DISCOM Earns More from Township common area than from equivalent local body load. This is the decisive financial argument, when a panchayat operates a STP or water pumping station, the DISCOM earns revenue at



concessional / subsidized rates (LT-VI or HT-IV(B)), when a township operates an identical STP or water pumping system, the DISCOM earns revenue at HT-VI blended rates, which are higher and there is no conceivable revenue or financial justification for the DISCOM to resist or cap this load:

| Consumer / Load                                                                                       | Tariff Category (RST FY 2025-26)                 | Approximate Rate (energy charge)                                | Who Funds the Cost                                                | Revenue to DISCOM per Unit             |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------|
| Local Body — Street Lighting & Public Water Supply (LT)                                               | LT-VI Street Lighting & PWS (Cl. 4.7, p. 258)    | Concessional / flat (subsidized by GoTS)                        | Government budget                                                 | Lower — subsidized rate                |
| Local Body — CPWS Scheme (Water pumping, STP) via HT                                                  | HT-IV(B) CPWS Schemes (Cl. 4.21, p. 280)         | Concessional (subsidized, lower than commercial)                | Government / ULB budget                                           | Lower — concessional rate              |
| Township — Common Area (Street lighting, water pumping, STP, fire pumps, corridor lighting) via HT-VI | HT-VI Townships — Common Area (Cl. 4.23, p. 282) | Blended LT-I domestic / LT-II commercial rates (NOT subsidized) | Residents — from maintenance contributions, no government support | HIGHER — market rate, not concessional |

3.29.126 The DISCOM earns higher revenue per unit from township common area services (street lighting, STP, water pumping) than from identical services run by panchayats and municipalities at concessional rates. Allowing higher common area load in townships is therefore revenue positive for the DISCOM. It is not a burden rather it is additional revenue at above-subsidy rates. Any argument by the DISCOM that common area load should be capped to protect revenue or system stability is factually incorrect.

3.29.127 Common area load cannot be characterized as ‘Commercial’ and the second sub-limit in Clause 4.23.1 (10% for ‘Non-domestic/ Commercial & General Purpose’) implies that common area loads are being treated as commercial in nature. This characterization is legally and factually wrong:

| Common Area Load Item                      | Is There Any Commercial Activity or Profit Motive?      | Correct Characterization                       |
|--------------------------------------------|---------------------------------------------------------|------------------------------------------------|
| STP (Sewage Treatment Plant)               | None — mandatory civic sanitation                       | Civic infrastructure — same as municipal STP   |
| Overhead water tank and pump               | None — water supply for residents’ daily use            | Civic infrastructure — same as PWS/CPWS        |
| Fire hydrant and sprinkler pumps           | None — mandatory life-safety infrastructure             | Mandatory statutory requirement                |
| Corridor and staircase lighting            | None — safety and access lighting                       | Civic infrastructure — same as street lighting |
| Pressurisation fans (basement/escape)      | None — mandatory NBC 2016 requirement                   | Mandatory statutory requirement                |
| High-speed lifts (for high-rise buildings) | None — access for residents, NBC mandatory for >30m     | Mandatory civic access infrastructure          |
| Clubhouse electricity                      | Shared amenity for residents only — no external revenue | Resident amenity, not commercial establishment |



3.29.128 Not a single item in the common area list generates any commercial revenue or profit. The word ‘commercial’ in the context of Clause 4.23.1 appears to have been borrowed without reference to the actual nature of the loads, a clubhouse serving only residents is not a commercial establishment and corridor lift for safety is not a commercial space, STP treating resident sewage is not a commercial operation.

3.29.129 The stakeholder further submitted that Section 62(3) of Electricity Act, 2003 specifies about non-discrimination and the tariff structure shall not show undue preference to any consumer of electricity in similar circumstances. A panchayat operating an STP serving 5,000 residents billed under LT-VI/HT-IV(B) at concessional rates with no cap on load. A township operating an STP serving 5,000 residents billed under HT-VI at higher rates and capped at 10% of connected load. Same function. Same beneficiaries. Same type of electrical load. The township STP is capped and billed at a higher rate. The panchayat STP faces no cap and is billed at a lower rate. This is undue discrimination against township residents under Section 62(3) and requires correction.

3.29.130 The NBC 2016 Reality - Why the 20% cap is structurally inadequate even leaving aside the policy and legal arguments above, the 20% cap is structurally inadequate under current mandatory requirements:

| Mandatory Common Area Load Component     | Statutory Requirement           | Typical % of Total CL     | Sub-Limit in Cl.4.23.1         |
|------------------------------------------|---------------------------------|---------------------------|--------------------------------|
| Fire hydrant pumps, booster fire pumps   | DGFS / GHMC mandatory           | 5–8%                      | Water/Sewerage: 10%            |
| STP and WTP systems                      | NBC 2016 / HMDA mandatory       | 4–6%                      | Water/Sewerage: 10%            |
| Overhead tanks and sump pumps            | Mandatory for water supply      | 2–3%                      | Water/Sewerage: 10%            |
| Pressurisation fans (basement / escape)  | NBC 2016 mandatory              | 2–3%                      | Water/Sewerage: 10%            |
| High-speed lifts (buildings > 30 m)      | NBC 2016 mandatory              | 4–6%                      | Non-domestic: 10%              |
| Clubhouse, community hall, gym           | Standard residential amenity    | 4–6%                      | Non-domestic: 10%              |
| Corridor, common area, security lighting | Standard safety requirement     | 3–5%                      | Non-domestic: 10%              |
| EV charging bays in common parking       | HMDA / green building mandatory | 2–3%                      | Non-domestic: 10%              |
| <b>TOTAL TYPICAL COMMON AREA LOAD</b>    | <b>All above combined</b>       | <b>26–40% of total CL</b> | <b>Exceeds BOTH sub-limits</b> |

3.29.131 A developer who truthfully declares the actual NBC 2016-compliant common area load will exceed the 20% cap before a single ‘optional’ amenity is connected. The cap is therefore forcing developers to under declare or under-provision mandatory statutory loads, creating compliance and safety risks.

3.29.132 Stating the above reasons the stakeholder requested the Commission to direct TGSPDCL/TGNPDCL to permit HT Category VI consumers to apply for and obtain common area load as per actual loads computed under NBC 2016 (Part 8, Section 2) and NEC 2011, removing the dual 10%+10% sub-limit structure and the 20% aggregate cap. In the alternative, create a separate tariff classification for township common area load distinct from ‘non-domestic/commercial’ reflecting its civic infrastructure nature at rates analogous to municipal / panchayat equivalents (LT-VI / HT-IV(B)), given that residents fund this load without any government subsidy.

### ***Petitioners Replies***

3.29.133 The TGDISCOMs submitted that the current Retail Supply Tariff (RST) Order defines HT VI for townships and prescribes specific caps for common facilities. These caps are part of the Commission’s approved tariff schedule and are designed to prevent tariff leakage of non-domestic loads into a residential and maintain the cross-subsidy system.

3.29.134 Township common-area loads are private, resident-funded internal services recovered through maintenance by the association; they are not comparable to panchayat/municipal utilities that are government owned/ maintained and supplied under separate concessional categories in the tariff schedule.

3.29.135 Section 62(3) of Electricity Act 2003 allows the Commission to differentiate tariffs by load factor, power factor, voltage, total consumption, time at which supply is required, and the nature of supply; classifying township common area and amenity loads distinctly from domestic consumption is therefore logical and intended

### ***Commission’s analysis & findings***

3.29.136 The Commission has taken note of the submissions of the stakeholders and clarifies that, LT-I: DOMESTIC tariff is applicable to the facilities viz. RO plants, sewerage treatment plants (STP), yard/streetlights which are established and operated by the owner’s welfare associations in gated communities having individual connections or single point supply which addresses the submissions of the stakeholders.

3.29.137 With regard to the 20% cap, the Commission observes that the limit is intended to accommodate essential civic infrastructure within residential townships such as

street lighting and water supply at residential-linked tariffs. At the same time, township developments also include additional amenities such as club houses, playing area and other facilities which are not strictly essential civic services and are in the nature of non-domestic usage. Inclusion of all such loads without restriction would lead to migration of non-domestic consumption into the residential category, thereby distorts tariff design. Accordingly, the existing cap of 20% has been prescribed to maintain an appropriate balance and hence the stakeholders request is not accepted.

3.29.138 Further, the Commission observed that managing societies operating single-point HT-VI colony connections are recovering charges from end consumers in excess of the tariff paid to the DISCOM, citing additional expenditure. Such practice amounts to unauthorized distribution of electricity, which is a licensee activity under the Electricity Act, 2003.

3.29.139 *The Commission therefore directs that charges recovered from end consumers under single-point HT-VI connections shall be strictly proportionate to actual consumption and shall not exceed the applicable HT-VI tariff under any circumstances. No additional charges of any nature shall be levied beyond such proportionate amount. TGDISCOMs are directed to bring this directive to the notice of all such societies within their jurisdiction. The Commission cautions that violations will invite appropriate regulatory action.*

### **Insisting of minimum load for new residential units irrespective of size**

#### ***Stakeholders' Submissions***

3.29.140 Stakeholder submitted that in the past Discom used to release 2 kW load for 2 BHK and 5 kW for 3BHK but at present department is insisting for 5 KW load for all units irrespective of its size, which is causing undue costs to the salaried class who purchase smaller dwelling units and requested to ask the department to revert to issuing power as 3 KV for smaller units.

3.29.141 Stakeholder further requested to rethink on releasing of services based on plinth area of apartment, which is resulting high capital investment for builders and also stated that the consumers are not using 40 % of loads.



### ***Petitioners Replies***

3.29.142 TGDISCOMs submitted that earlier sanctioned load limits of 2 kW for 2BHK units and 5 kW for 3BHK units no longer reflect present day consumption patterns. Even smaller apartments today routinely use multiple high load appliances, such as ACs, geysers, induction stoves, washing machines, and water pumps which is resulting in actual household demand far exceeding the earlier sanctioned capacities. This has led to consistent over drawl, transformer overload, and frequent tripping incidents within residential developments.

3.29.143 To prevent unsafe over loading of the distribution network and to ensure stable, uninterrupted power supply for all consumers, TGDISCOM has adopted minimum sanctioned load for every dwelling unit. This requirement is driven purely by safety considerations, realistic household usage data, and the need to protect both consumer equipment and network infrastructure. It is not linked to the area or type of the flat, but to the load being drawn by modern households only after inspection. Recent incidences indicate that the use of under rated wiring has resulted in overheating of internal circuits and the increased loading of appliances has contributed to several electrical accidents. In view of this, the permissible limits need to be revised in accordance with actual load requirements.

### ***Commission's analysis & findings***

3.29.144 The Commission has examined the submissions of the stakeholders and the replies of the TGDISCOMs. The Commission has taken note that the TGDISCOMs are sanctioning the above loads based on BHK without approval of the Commission. Therefore, *the Commission directs the TGDISCOMs to follow the procedure laid out in the GTCS and applicable regulation until further directions by the Commission.* However, TGDISCOMs have filed an application for consideration, appropriate orders will be issued in due course.

### **Recategorization of Tariff during construction stage**

#### ***Stakeholders' Submissions***

3.29.145 Stakeholder has made following case for reduction of electricity tariff levied on projects under construction:

a. Emergency/ Temporary Commercial Tariff rate of about Rs. 13 per unit is levied on all the projects under construction. Such tariff was actually intended to be imposed for temporary connections of smaller duration of 1 or 2 months like Circus, Small Exhibitions or Conventions etc.

- Normally, the construction process takes between 2 years to 6 years depending on the size of the project, in fact the Government of Telangana issues construction permits valid for a period of 6 years and that can be renewed / extended for two more years.
- The department started levying these charges by unilaterally changing the category and started billing at a higher slab of Rs. 13 per unit instead of Rs. 6 per unit after an initial period of 2 to 3 years.
- Many developers are forced to approach the courts for temporary relief as it is impossible to pay these charges and continue with the construction.
- While the Government of Telangana encourages industries with concessional tariff, it is not justified to punish developers with very high and unviable tariff, as the construction industry is next to agriculture in terms of providing employment and contributes a lot to the GDP of the country in addition to providing shelter to lakhs of citizens.
- The developers are paying the infrastructure costs / expenses for providing Emergency/Temporary connection for the projects and there are no additional expenses borne by the Discoms in this regard.
- The high tariff only increases the cost of housing resulting in slower off take of housing units and lowering competitiveness of the real estate in Telangana State as compared to other states.

b. Conversion of HT Category-II (Non-Industrial Purpose) to HT Supply Category-VII (Temporary) for under construction projects is unjust as

- Some developers took the HT supply connection under Category-II (Non-Industrial Purpose) in the year 2009 as per the Tariff order at that relevant point of time. Their HT Connections were illegally re-classified as HT Supply Category-VII (Temporary) and demanded the differential Tariff with retrospective effect from 01.08.2010 and fresh bills were issued under HT Supply Category-II (Temporary) as per the tariff order for 2010-11.
- There is no provision under the "GTCS" or the Tariff Order (Retail Supply Tariffs) for FY 2010-11 that the HT Supply for construction activity should

be billed under HT Category-VII Temporary Supply and also giving it a retrospective effect. The order passed by the erstwhile APERC was applicable to new connections only and there was no mention in the said order that the existing connections should also be reclassified.

- Moreover, TGSPDCL has no jurisdiction much less power to demand the bills with retrospective effect of more than six months as per Condition No.3.4.1 of the "GTCS" and it is illegal to demand for payment of bills with retrospective effect along with the surcharge.
- In view of the above reasons most of the developers have filed writ petition before the Hon'ble High Court at Hyderabad against the assessment order as well as classification change letter. Hon'ble High Court has allowed their writ petition setting aside the re-classification of their HT Connection to HT Supply Category-VII (Temporary) including the demand raised for the back billing.
- As the matter stood thus, the developers were given fresh notices requesting them to furnish consent for payment of twice the regular tariff to continue to avail the alleged Temporary Supply. As the developers have not availed the HT Connection under Temporary Category and therefore the consent for payment, twice the regular tariff applicable to HT Category-VII (Temporary) as per Clause 3.4.1 of GTCS will not arise.
- Thereafter, TGSPDCL have straightaway changed their Service Connection Category-II (Non-Industrial Purpose) to HT Temporary on a new ground that they have failed to submit required documents/ approvals for availing HT Cat-II Supply as per Clause 5.5 and 5.6 of the GTCS and further demanded the bills under HT Category-II (Temporary) and also surcharge for the alleged delayed payments.
- The Tariff Order (Retail Supply Tariffs) for FY 2016-17 under Clause 7.12 the Regulatory Commission refused to consider the request of the TGSPDCL to bring construction activities under the purview of Temporary Service on the ground that such connection can only be given based on the request of the Consumer and not otherwise.

3.29.146 Stating the above reasons stakeholder has requested to do away/rescind these unjustified tariffs that have been levied since the last several years and levy only



"Domestic Tariff" on the projects under construction. Further the demands for the arrears be withdrawn to give the much-needed relief to the many developers fighting the litigation.

### ***Petitioners Replies***

3.29.147 TGDISCOMs submitted that construction activities even when spread over several years, involve temporary, shifting, and non-continuous loads, which must be classified under the Temporary Supply category as per the Tariff Order notified by the Commission. These loads do not constitute industrial processing or manufacturing and therefore cannot be treated under the Industrial tariff. Accordingly, power required during construction will continue to be provided under the temporary supply category.

3.29.148 TGDISCOMs submitted that the Tariffs for temporary category have undergone many changes over the years. Historically, temporary tariffs have undergone several revisions  $1.5\times$  the regular tariff until FY-17, and from FY-19 onwards, a separate tariff structure was notified considering the rapid increase in temporary connections and the inherently unstable, shifting, and non-continuous nature of such loads. Construction activities even when spread over several years, involve temporary, shifting, and non-continuous loads, which must be classified under the Temporary Supply category as per the Tariff Order notified by TGERC. These loads do not constitute industrial processing or manufacturing, and therefore cannot be treated under the Industrial tariff. Accordingly, power required during construction will continue to be provided under the Temporary Supply category.

### ***Commission's analysis & findings***

3.29.149 The Commission observes that electricity supply for construction activities, by its nature, involves temporary, non-continuous and shifting loads, and is appropriately classified under the Temporary Supply category as per the applicable Tariff Orders. Such usage cannot be equated with regular domestic or industrial consumption.

3.29.150 In view of the above, the Commission does not find merit in the request to apply domestic tariff or to alter the existing classification for construction activities. Accordingly, the request of the stakeholders is not accepted.

## Industrial tariff

### Stakeholders' Submissions

3.29.151 Stakeholders have submitted that, the industries in the State of Telangana are facing the brunt of higher tariffs as the industrial tariff is more than 120% of Average Cost of Supply. The Tariff Policy 2016 mandates SERCs to determine roadmap for reduction of Cross Subsidy and bring tariff at +/- 20% of the Average Cost of Supply. Relevant extract of the National Tariff Policy is as follows:

*“For achieving the objective that the tariff progressively reflects the cost of supply of electricity, the Appropriate Commission would notify a roadmap such that tariffs are brought within  $\pm 20\%$  of the average cost of supply. The road map would also have intermediate milestones, based on the approach of a gradual reduction in cross subsidy”*

3.29.152 Industries adopting and investing in clean and renewable energy should receive incentives such as reduced Tariff, exemptions, or financial support to encourage sustainable energy use and reduce carbon emissions. In line with the provisions stipulated in the National Tariff Policy, the Commission is requested to align the Industrial Tariff in the State of Telangana within the range of +/-20% of ACoS.

3.29.153 Another stakeholder has requested to treat solar plants as HT-1 A (industry - general) category for the auxiliary consumption.

### Petitioners Replies

3.29.154 TGDISCOMs submitted that the current industrial tariffs for both the TGDISCOMs are within 120% of Average cost of Supply (ACoS) of both the DISCOMs which is well in alignment with the National Tariff Policy, 2016.

### Commission's analysis & findings

3.29.155 The Tariff revisions are based on the statistics and inputs from the Licensee and stakeholders and accordingly, the stakeholders' request is not accepted.

3.29.156 The Commission approves the request of the stakeholder to treat solar plants as HT-I(A) (Industry -General) category for the auxiliary consumption.

## Load factor incentive

### ***Stakeholders' Submissions***

3.29.157 Stakeholders have requested the Commission to nudge the TGDISCOMs to announce and implement Load Factor incentive in order to promote energy efficiency and incentive to the energy-intensive industry to consume energy from TGDISCOMs rather than through the Open Access route.

### ***Petitioners Replies***

3.29.158 TGDISCOMs will evaluate the proposed Load Factor incentive scheme to promote retention of Energy intensive consumers from Open Access.

### ***Commission's analysis & findings***

3.29.159 The Commission has taken note of the submissions of the stakeholders and replies of the TGDISCOMs and *directs the TGDISCOMs to examine the feasibility of introducing a Load Factor incentive mechanism and submit a detailed proposal to the Commission by 30<sup>th</sup> September 2026, for consideration in future tariff filings.*

## Increasing of limit of HT-I optional category from 150 KVA to 225 KVA

### ***Stakeholders' Submissions***

3.29.160 Stakeholder has requested for enhancement of the sanctioned load limit under the HT-1 Optional Category from the present 150 KVA to 225 KVA, exclusively for granite processing units.

3.29.161 At present, the granite industry is facing severe competition from alternative surface materials such as vitrified tiles, composite stones, and other engineered products. Due to rising production costs and market pressures, many units are becoming financially stressed, while several others are on the verge of closure. Without timely policy support and incentive-based relief, the survival of this traditional employment-generating industry will become increasingly difficult.

3.29.162 Extension of the HT-1 Optional Category up to 225 kVA will provide essential cost-relief to small and medium granite units, encourage modernization through adoption of sophisticated and energy-efficient machinery, enable the industry to compete with emerging substitute materials, protect direct and indirect employment



dependent on the granite sector across Telangana.

- 3.29.163 The Commission is requested to examine the present market condition and downturn in the granite sector through the District Industries Centre and the Ministry of Micro, Small and Medium Enterprises, Government of India, so that appropriate supportive measures may be extended. The livelihood of thousands of families depends on this industry, and timely intervention from the Commission will help revive confidence among entrepreneurs and ensure continued industrial growth. The Commission is requested to consider the representation favourably and take necessary action in the interest of the granite MSME sector.

#### ***Petitioners Replies***

- 3.29.164 TGDISCOMs submitted that the demand charges for the HT-1 Optional Category are Rs. 100/kVA/month, as against Rs. 500/kVA/month applicable to the HT Industrial Category. This results in an under-recovery for TGDISCOMs for this specific consumer group.
- 3.29.165 The HT-1 Optional Category was specifically created to avoid placing undue financial burden on small industrial consumers with low production levels. Accordingly, the sanctioned load under this category is capped at 150 kVA. Any consumer requiring more than 150 kVA must, as per the Tariff Order, shall shift to the HT Industrial Category, which is designed for higher-demand industrial operations.
- 3.29.166 Any enhancement of the demand limit from 150 kVA to 225 kVA would result in revenue implications and may increase the cross-subsidy burden on other consumer categories unless compensated through tariff restructuring or additional subsidy support. Increasing the HT-1 Optional load limit to 225 kVA for any particular sector would distort the approved tariff design and undermine the very purpose for which the optional category was established.
- 3.29.167 In view of the above, TGDISCOMs submit that the request for enhancement of the sanctioned load limit to 225 kVA cannot be considered. Consumers requiring a higher load shall continue to be classified under the HT Industrial Category as per the existing practice.

***Commission's analysis & findings***

3.29.168 The Commission has examined the request for enhancement of the sanctioned load limit under the HT-I Optional Category from 150 kVA to 225 kVA for granite processing units, along with the submissions of the DISCOMs. The Commission has taken note that the HT-I Optional Category was specifically designed to extend tariff relief to small and medium industrial consumers with relatively lower load requirements, thereby supporting MSME units. In view of the above, the Commission is of the considered opinion that the present limit is adequate.

***Insistence of occupancy certificate******Stakeholders' Submissions***

3.29.169 Stakeholders have submitted that presently only after receiving Occupancy Certificate (OC) electricity connection is being given. This is however getting unduly delayed resulting in consumers being forced to rely on expensive, unauthorized, or temporary power sources. Request that permission is granted to apply for Electricity Connection before getting the Occupancy Certificate (OC) so that the application is processed and passed along with the Occupancy Certificate (OC).

***Petitioners Replies***

3.29.170 TGDISCOMs submitted that new electricity connections are released within 30 days of receiving the application, provided all required documents are furnished and technical feasibility is established, as per the Standard Operating Procedures. Consumers must ensure submission of all relevant documents and payment of applicable charges for timely release of the service. Once the documentation is complete, TGDISCOMs process the application without delay.

***Commission's analysis & findings***

3.29.171 The Commission observes that the Occupancy Certificate is a statutory document issued by the competent authority confirming that the premises is fit for occupation and is being lawfully used. It serves as a key criterion for conversion of supply from temporary to regular category, particularly in cases of domestic usage.

3.29.172 In the absence of such certification, the status of occupancy and end-use of electricity cannot be duly established. Therefore, insistence on submission of OC for

release of regular service connection is justified and in line with directions of Hon'ble Supreme Court judgement in Civil Appeal No. 14604 of 2024 dated 17.12.2024 that *"All the necessary service connections, such as, Electricity, water supply, sewerage connection, etc., shall be given by the service provider/Board to the buildings only after production of completion/occupancy certificate"*. In view of the above, the Commission finds no merit in the request of the stakeholders. Accordingly, the existing practice of requiring an **Occupancy Certificate** for conversion to regular supply is upheld.

### Unblocking of Lead kVArh

#### Stakeholders' Submissions

3.29.173 Stakeholder submitted that Railway traction is power intensive and loads are for passenger & goods train services which are run round the clock and there is no distinction of peak to non-peak hours. Thus, Railways are improving base loads of TGDISCOMs and supporting the grid stability. Apart from this, Railways is maintaining higher power factor.

3.29.174 As per the Para no. 3.21.20 of TGERC order, Tariff for Retail Sale of Electricity for FY 2025-26, has approved the TGDISCOMs proposal for unblocking of leading kVArh for the purpose of kVAh billing with a three (3) months prior notice. It is prayed to consider the following points from Railways end and relieve the financial burden on Railways due to unblocking of leading kVArh.

- a. Railway traction load changes every moment. Matching reactive power in real time is difficult in this system.
- b. When Railways operate in leading VAR, they supply reactive power to the grid. This supports grid voltage, but increasing kVAh billing due to tariff design, resulting in higher traction energy cost, there by improves voltage profile and reducing upstream system losses.
- c. Fixed capacitor banks stay in service to maintain power factor. During low load, these inject reactive energy into the grid.
- d. Traction loads are inherently dynamic and highly schedule-dependent, which limits effective real-time power factor control. In view of these operational constraints, imposition of power factor penalties under such conditions is technically inequitable.



- e. Traction power varies with train movement and passenger schedules; Railways have limited control over power factor during live operations. Penalizing this is not technically fair.
- f. Grid rules and tariff policies do not mandate billing for leading VAR unless voltage rising issues occur. Railways have not caused such problems.
- g. The current billing method penalizes Railways without giving any credit for helping the grid during off-peak periods, when it helps to maintain grid stability during low load condition, the leading kVARh injected by Railways during low load period acts as a dynamic compensation source that improves grid voltage, stability and reduces the line losses, acting as an ancillary service. Therefore, applying penalties on leading kVARh is technically unjustified.
- h. Installing advanced dynamic compensation needs high investment and long timelines like PQR (Power Quality Restorer).
- i. Railways are a national service. Their power system is not comparable to regular commercial users.

3.29.175 The Railway traction system inherently contributes to grid stability, and the occurrence of momentary leading VAR during traction operations is unavoidable and operationally intrinsic. Railways may therefore be considered as a special case, and billing may be confined to lagging reactive energy only, without levying any charges on leading reactive energy (kVARh) to avoid financial burden on the Railways. In light of the above submissions, it is prayed that Railways may be exempted from levy of charges on leading reactive energy.

3.29.176 Stakeholder submitted that Solar Open Access Generators were given HT service with minimum 70 KVA load as against Solar Projects selling power to TGSPDCL, who are netted off with their gross generation. This is discriminatory treatment of Open Access Generators, as compared to similarly placed solar generators, it is expressly prohibited under the Electricity Act, 2003. Open Access is a statutory right and cannot be frustrated through arbitrary conditions, higher charges, or operational restrictions. It was also brought on record that solar power plants operate as generators and not as consumers, particularly during night hours or during periods of zero generation.

- a. Generator-mode reactive behaviour: During night hours or under low irradiance conditions, transformers and HT lines/cables inherently operate in a capacitive

mode, causing export of capacitive kVarh (lead) to the grid even when active power export is zero. This is a natural characteristic of grid-connected generating stations and not a consumer load behaviour.

- b. Recorded MD during non-generation: We have only about 5–8 kW auxiliary consumption during non-generation hours; however, the maximum demand recorded is 18–30 kVA, solely due to the transformer no-load losses and the capacitive reactive characteristics of the 33 kV line.
- c. HT Agreement CMD requirement: Even though our actual auxiliary requirement is very low, we hold an HT agreement with TGSPDCL for 70 kVA CMD, only to comply with the minimum kVA requirements specified by TGERC for allotment of an HT Service Connection Number.
- d. Purpose of unblocking “kVarh Lead”: The intention behind unblocking the leading reactive register is to discourage capacitive injection/drawl by consumers. However, solar panels neither draw or injects capacitive reactive power.
- e. Compliance during actual generation: During daytime generation, solar plants maintain power factor well within the limits specified by DISCOM, CEA regulations and the State Grid Code.

3.29.177 In view of the above factual and technical circumstances it is requested that Solar Power Plants may be exempted from the “kVarh Lead Unblock” provision as leading reactive energy export is natural, unavoidable and inherent to generator-type systems, and not attributable to consumer-side behaviour. This selective application only to Open access generators is hostile, discriminatory, arbitrary and contrary to Sections 38(2)(d), 39(2)(d), 40(c) and 42 of the Electricity Act, 2003 which mandate non-discriminatory open access.

3.29.178 Stakeholder submitted that Lead Unblock exemption may be provided to consumers with less than 1 MW CMD & Deferment to all other consumers till detailed study stating the following reasons. Clause 3.21.14 of the Retail Supply Tariff Order for FY 2025-26 dated 29.04.2025 states as under:

*“In the Tariff Order for FY 2024-25, the Commission directed the TGDISCOMs to carry out an impact assessment study on unblocking of kVarh, conduct comprehensive consumer awareness programmes across the State, and submit the study report to the Commission before the next tariff filing.”*



3.29.179 It is observed from Clause 3.21.15 that the TGDISCOMs have submitted the impact assessment study, wherein the issue of leading power factor has been addressed only in a summary manner, citing stress on the transmission and distribution network as the reason. Stakeholder submitted that

*“Lagging power factor- consumes reactive power (+kVAr)-> Reactive power is drawn from the grid by loads.*

*Leading power factor- supplies reactive power (-kVAr) -> Reactive power is injected into the grid by loads.”*

3.29.180 Thus, reactive power injected by one consumer is, in practice, absorbed by another consumer within the same distribution system. As a matter of fact, our Distribution networks (TGSPDCL & TGNDCL) are dominated by inductive loads due to widespread use of Induction motors, transformers, extension of 24 Hours supply to agricultural pump sets. In such scenarios supply of reactive power from certain consumers reduces the net reactive burden on the grid. The study conducted by TGDISCOMs did not to evaluate the current reactive power requirement of TGDISCOMs and that how TGDISCOMs will manage when such reactive power is not supplied by certain consumers.

3.29.181 In this context, it is pertinent to note that several distribution systems across various countries recognise and compensate for reactive power services as a grid-support function. No doubt the ideal scenario for the utilities shall be that every consumer operating in the unity power factor. But this is practically not possible due to presence of millions of agricultural pump sets and lack of monitoring mechanisms of such pump sets.

3.29.182 Most distribution systems predominantly operate under lagging reactive power conditions. In such scenarios, consumers operating at a leading power factor effectively support the grid and, therefore, are not penalised in many jurisdictions, if not incentivized. Accordingly, it is submitted that leading power factor conditions may be treated as unity power factor for kVAh billing, as is being practiced by many States in India. Only in cases involving bulk consumers where there is substantial injection of reactive power posing a potential threat to grid security, differential treatment for leading reactive power may be considered. Such scenarios are exceptional and can be addressed through targeted controls, rather than blanket unblocking of lead kVArh for



all small consumers. Even in cases of large bulk consumers the design and installation of technical solution in respect of APFC- Automatic Power factor Control Panels, LV SVG (Static VAR Generator) & HV Statcom / SVG (Static Compensator / Static VAR Generator) requires at least 6 months' time. The given 3 months' time is barely sufficient for design of technical solutions.

3.29.183 Stakeholder further submitted his concerns on implementation of unblocking of lead kVARh stating that, (i) the impact assessment study submitted by the DISCOMs does not adequately address several critical techno-commercial aspects. (ii) The DISCOMs have not conducted the comprehensive consumer awareness programmes as directed by the Commission prior to implementation. (iii) Several small and medium industrial consumers have experienced a sudden and significant increase in their electricity bills without prior knowledge or understanding of the change. (iv) It is also observed that even field-level TGDISCOMs officials are unable to provide clarity on the subject when approached by consumers.

3.29.184 Stating the above reasons the stakeholder requested the Commission to,

- a. To Constitute an expert committee comprising representatives from industry associations, reputed technical institutions (such as IITs/NITs/JNTU), generators, and other relevant stakeholders, as deemed appropriate by the Commission.
- b. To Undertake a detailed study of the techno-commercial implications of unblocking leading kVARh and its impact on consumers and the distribution system; and
- c. To Direct the TGDISCOMs to undertake widespread consumer awareness programmes prior to implementation of any decision based on the recommendations of the said committee.
- d. To direct TGDISCOMs to Rectify the excess billing done in the lead kvah unblock conditions till the final decision is taken in this regard.

3.29.185 Stakeholders have requested to consider extending the implementation timeline of kVAh billing and to provide adequate time to industrial and commercial consumers for installing the necessary power factor correction equipment. The sudden implementation has resulted in a substantial increase in electricity bills, particularly impacting MSMEs, who are already under financial stress. Providing sufficient

transition time will greatly help these enterprises sustain their operations and avoid undue hardship. We would also like to submit that an industry body such as FTCCI, a non-profit organization, is facing similar issue, with a noticeable increase in electricity bills due to the unblocking of leading kVARh. In this regard, we are enclosing copies of FTCCI's electricity bills for your kind reference, which clearly reflect the impact of the revised billing mechanism. We wish to bring kind notice that on 2nd February 2026, APERC ordered Andhra Pradesh DISCOMs to immediately suspend the unblocking of the leading kVARh feature in LT smart meters, which had resulting high billing. This order was issued in the interest of protect consumer. The Commission is requested to look into the matter and provide appropriate relief by way of extension of time, rationalisation of billing during the transition period, and necessary directions to the TGDISCOMs, in the interest of industry and MSME survival.

3.29.186 Stakeholders representing MSME consumers submitted that the recent implementation of the revised PF measurement mechanism, including the unlocking of the lead factor, has created operational and financial challenges for small and medium industries. It was stated that MSMEs, particularly those located in rural and semi-urban areas, face difficulty in procuring and installing APFC panels due to limited availability of suppliers and technicians. Even after installation, some time is required to stabilize the PF under varying load conditions and for staff to understand the system operation. Therefore, stakeholders requested that a six-month transition period be provided from the date of unlocking the lead factor, during which PF penalties may be kept in abeyance and only advisory monitoring be undertaken.

3.29.187 It was further submitted that the revised PF regime has resulted in high PF-related charges in some consumer bills, which are disproportionate to their normal consumption and financial capacity. Hence, stakeholders requested that abnormal PF-related charges raised during the initial implementation phase be waived or adjusted in subsequent bills to prevent financial stress on MSMEs.

3.29.188 Stakeholders also expressed concern that the recorded Maximum Demand (MD) and energy consumption are being affected due to PF-based measurements, resulting in instances where sanctioned MD is exceeded without deliberate load increase. In this regard, it was submitted that under the current provisions of the optional MD tariff, consumers lose the optional tariff benefit if sanctioned MD is

exceeded more than two times in a year. Since such crossings may occur due to PF-related variations, it was requested that MSME consumers be allowed to continue under the optional MD tariff even if MD exceedances occur due to PF-related effects, and that they may be permitted to apply for MD enhancement or temporarily exceed sanctioned MD without losing the optional tariff benefits.

3.29.189 Further, stakeholders submitted that maintaining PF equal to unity (1.0) is difficult for most MSMEs due to single-shift operations, seasonal and order-based loads, voltage fluctuations, and use of older machinery. Therefore, it was requested that PF 0.95 be considered as a reasonable and achievable benchmark for MSMEs, similar to norms adopted in some other States.

3.29.190 Stakeholders also requested that TGDISCOMs be directed to conduct technical training and awareness programmes in industrial areas on PF management, APFC operation and MD management, as most MSME entrepreneurs and staff have limited technical knowledge. In addition, it was suggested that differentiated PF and MD standards be considered for MSMEs, recognizing the differences between small industries and large HT consumers.

3.29.191 Further, stakeholders proposed introduction of a graded incentive scheme for consumers maintaining PF between 0.95 and 1.0, so as to encourage investment in PF improvement. It was also requested that special consideration and relaxed PF/MD conditions be provided to small LT and HT MSME consumers with sanctioned MD below 200 kVA, in view of their limited financial capacity and their role in providing employment.

### ***Petitioner's Replies***

3.29.192 TGDISCOMs submitted that Off-peak incentives are designed to encourage load shifting from peak periods. Railway traction demand is continuous and non-flexible, with no or low scope for load shifting. Since off-peak incentives would not yield any additional operational or demand-management benefit, railway traction is neither penalized during peak hours nor incentivized during off-peak hours.

3.29.193 TGDISCOMs submitted regarding, unblocking of kVArh as below:



- a. While traction load is highly variable, reactive power, whether lagging or leading, causes increase in current and thus imposes additional burden on the network.
- b. Uncoordinated/ Uncontrolled leading reactive power may also cause over voltage; increase system losses also pose damage to the system.
- c. Capacitors remaining switched ON during low load conditions injecting reactive energy into the grid causes adverse impact on the grid performance.
- d. kVAh billing is a cost reflective mechanism and not a penalty. Operational constraints cannot be a basis for differential treatment, as network impact remains the same.
- e. Though real time control is challenging, reactive energy irrespective of its nature affects system capacity and losses, and therefore must be accounted for in billing.
- f. The Commission, after due examination and consideration of all relevant aspects, has approved the proposal for unblocking of RkVAh lead for kVAh billing, having recognized the technical necessity and justification for the same.
- g. As stated by the objector in the queries above, Railway operations are schedule based and traction loads are dynamic in nature; therefore, any leading reactive power injection occurs only during specific operating periods and not uniformly across all off-peak hours. Hence, such intermittent and non-dispatchable reactive power cannot be considered as a consistent grid support service warranting credit.
- h. The Commission has provided advance notice for implementation. Consumers may adopt appropriate power factor correction measures in a phased manner.
- i. TGDISCOMs respect Railway's role in national service. However, the tariff design must remain non-discriminatory and cost reflective across TGDISCOM's consumer categories.

3.29.194 Regarding Exemption from lead un-block for open access solar power plants TGDISCOMs submitted that the Tariff order mandates uniform application of the approved metering and billing provisions to all applicable consumers connected to the distribution system, including grid-connected solar generating stations, since drawl and injection of energy and reactive power impact the distribution network.

3.29.195 Uncontrolled injection of leading reactive power, particularly during low-load

or non-generation periods, adversely affects voltage profile, system stability, and network operations. Accordingly, proper measurement and accounting of reactive energy, including leading kVARh, is essential for maintaining grid discipline and efficient system operation, as recognised in the Tariff Order. It is the responsibility of the consumer to regulate and control such reactive power by absorbing it from the grid, whenever required rather than injecting the same.

3.29.196 The directions of the Commission regarding unblocking of metering of lead KVARh have been issued in the Tariff Order after due regulatory scrutiny and are intended to ensure accurate measurement of energy exchange and grid discipline, in line with the provisions of the Electricity Act, 2003 and the applicable Regulations.

3.29.197 It is a fact that solar power plants draw power from the grid during night hours not for start-up activities, but exclusively for lighting loads, and in that context, the solar power plants are treated as consumers. Hence, it does not follow that the technical directions issued by the Commission in the Tariff Order are inapplicable to such plants.

3.29.198 The Tariff Order does not provide any explicit exemption to generating stations, including solar plants, from the applicability of metering provisions relating to reactive energy.

3.29.199 It is submitted that reactive power management is a critical element of grid operation, irrespective of whether the entity is a consumer or a generator. Injection of leading reactive power by solar plants, particularly during low load and non-generation conditions, has a direct impact on voltage profile, system stability and power quality of the distribution network.

3.29.200 The directions for unblocking of lead KVARh metering have been issued to ensure that reactive energy is properly recorded and accounted for, so as to discourage excessive injection of leading reactive power and to promote efficient grid operation. These directions are technical and operational in nature and are not linked solely to the consumer category or end-use of electricity. Promotion of renewable energy does not imply exemption from grid discipline, metering requirements or operational controls. Renewable generators are equally required to comply with the regulatory framework governing system operation.

3.29.201 Whenever the plant is connected to the distribution system whether during

generation or non-generation hours it becomes a grid-interfacing entity whose reactive power injection or absorption directly affects voltage profile, network loading and system stability and therefore cannot seek blanket exemption from metering provisions merely on the basis of its generating status.

3.29.202 During non-generation hours, when the solar generator draws power from the grid for auxiliary consumption, lighting, control systems, inverters and grid-support operations, such draw constitutes consumption of electricity from the distribution system. For such periods, the solar generator squarely falls within the scope of an HT consumer under the applicable Tariff Order.

3.29.203 To the stakeholder objection regarding Lead Unblock- exemption to consumers with less than 1 MW CMD & Deferment to all other consumers till detailed study, TGDISCOMs replied stating that whether lagging or leading, results in an increase in current flow, thereby necessitating additional network capacity. The FOR observed that there is no difference between leading and lagging power factor in reduction of network capacity and increasing the energy and power losses.

3.29.204 Uncontrolled injection of reactive power (leading VARs) can cause operational issues such as over-voltage conditions and inefficient utilization of network assets. For better grid discipline, lag plus lead billing system gives meaningful kVAh as static meters are envisaged the measurement of both leading and lagging reactive power. Capacitors should remain in circuit as long as the load runs and must be cut-off as soon as the load is switched off. However, in the existing lead block billing system, the lead pf will be treated as unity. As a result, some of the consumers were keeping their capacitors in ON condition even when no load is connected to the system thereby maintaining leading PF i.e. on the pretext of maintaining unity pf, consumers were overcompensating.

3.29.205 Such condition not only injects reactive power into the system but also is detrimental to the healthiness of the Grid for various reasons such as the utilization of transformer capacity (KVA) is blocked due to increase in current, line loss gets increased due to increase in current, over-voltage problem occurs in secondary side of transformer etc. This is not only harmful to grid but also to the consumer's equipment which is connected to system. Hence, unblocking of RkVAh lead is warranted for all HT services to use electricity at Unity PF.



3.29.206 The APERC has issued order for unblocking of KVARh lead for the purpose of computation of KVAh and is being implemented by APDISCOMs since 2019. Further, MSERC in its order dt. 02.01.2019 observed that "RkVAh lead" needs to be considered in computation of PF/kVAh and the consumers are to install required equipment or make necessary changes in their processes so as to maintain PF within the prescribed limits.

3.29.207 The Commission after due public consultation process has approved for unblocking of KVARh Lead. Hence, considering the report of Apex body like FoR, other state Regulatory Commissions i.e. APERC & MSERC orders on unblocking of KVARh Lead in terms of the safety of GRID, it is not necessary for formation of committee for studying the impact of KVARh lead as the behaviour of the KVARh lead is same on the Grid.

3.29.208 The TGDISCOMs have already addressed the grievances of consumers having issues with reactive power through field level interactions. However, the TGDISCOMs are open to create awareness to the needy consumers on controlling the reactive power.

3.29.209 The Licensee submitted that the Commission had already granted a three-month transition period for consumers, including MSMEs, to install and stabilize PF correction equipment before implementation of lead factor unlocking, which was carried out in compliance with the Commission's directions. PF-related billing is based strictly on metered parameters, and charges arise only when the recorded PF falls below the prescribed level; hence waiver or adjustment of such charges cannot be granted. It was further stated that MD exceedances occur mainly due to low PF conditions, as MD depends on actual load and PF, and consumers maintaining proper PF can continue to avail optional MD benefits within the existing framework. The Licensee emphasized that maintaining higher PF is essential for efficient grid operation, and reducing the benchmark to PF 0.95 would increase reactive power draw, reduce system efficiency and require additional network investments. The Licensee expressed willingness to conduct consumer awareness and technical guidance programmes, subject to resource availability, while continuing to follow uniform regulatory standards unless otherwise directed by the Commission. It was also submitted that introducing PF incentives or category-specific relaxations would have revenue implications and may burden other consumers, and therefore the prayers of

the objector may not merit consideration.

### ***Commission's analysis & findings***

3.29.210 The Commission reiterates that accounting of both leading and lagging reactive power is necessary, as it impacts current flow, system capacity, voltage profile and network losses. The earlier practice of blocking leading kVArh had resulted in over-compensation by consumers, leading to injection of reactive power into the grid and operational issues. Hence, the approval given by the Commission in Retail Supply Tariff Order for FY 2025-26 dated 29.04.2025 regarding unblocking of leading kVArh for the purpose of kVAh billing shall continue for this financial year.

3.29.211 The Commission, Vide Proceedings No. 07/Tariff/TGERC dated 27.02.2026, has deferred *implementation of unblocking of leading kVArh for the purpose of kVAh billing relating to LT consumers upto 31.03.2026 and directed TGDISCOMs to revise all excess bills, if any raised on LT consumers alone on account of unblocking of leading kVArh from the date of implementation of such unblocking up to the date of the Proceeding and the excess amount so determined shall be adjusted in the monthly bills of the ensuing three (3) months commencing from April 2026.* However, any change in category due to change in demand due to unblocking of leading kVArh shall be ignored for the period the unblocking of lead kVArh was implemented prior to issue of the aforementioned Proceedings. Further, considering the representations from stakeholders, this exemption from unblocking of leading kVArh for the purpose of kVAh billing for LT consumers is further extended upto 30<sup>th</sup> June 2026.

3.29.212 For HT consumers, unblocking of leading kVArh shall continue. Further, the Commission observed that consequent to the direction issued in the previous Tariff Order to unblock leading kVArh for kVAh billing, certain HT consumers received higher bills during the initial period of implementation owing to their lack of preparedness to manage the leading reactive power. In order to mitigate the financial impact on such consumers, *TGDISCOMs are directed to adjust the excess amounts billed to HT consumers on account of unblocking of leading kVArh during the first two (2) months of implementation in the next six (6) billing cycles from the date of issue of this order. For HT consumers, during unblocking period change in category due to change in demand may be ignored for the first two (2) months of implementation of unblocking of leading kVArh for the purpose of kVAh billing.*



### 3.30 OTHER ISSUES NOT DIRECTLY RELATED TO DETERMINATION OF TARIFFS

#### Solar Billing Issues

##### *Stakeholders' Submissions*

3.30.1 Stakeholders requested the Commission to direct TGSPDCL to revert to the earlier practice of billing rooftop solar consumers based on net consumption (import minus export) with lower tariff slabs. It is stated that from October 2025 the TGDISCOMs has changed the billing methodology without prior notice and is applying higher tariff slabs based on gross import units, resulting in higher bills for rooftop solar consumers. The objector submitted that this change discourages investment in rooftop solar systems and requested the Commission to restore net-consumption based slab billing and adjust the excess amounts collected in future bills.

##### *Petitioner's Replies*

3.30.2 TGDISCOMs submitted that, the billing methodology followed by TGSPDCL for rooftop solar consumers is in accordance with the TGERC Rooftop Solar PV Grid Interactive Systems Regulation, 2025. Under the net metering framework, the net units (import minus export) are considered for billing, while the applicable tariff slab is determined based on the total import units. In cases where export exceeds import, the excess units are settled at the applicable rate and adjusted in subsequent bills. The tariff structure is designed to maintain equity and cross-subsidy principles, ensuring that concessional tariffs meant for low-consumption and economically vulnerable consumers are not availed by higher consumption categories.

##### *Commission's analysis & findings*

3.30.3 The Commission has considered the submissions of the stakeholders. The Commission observes that the recent change in billing methodology has resulted in higher billing for rooftop solar consumers by applying tariff slabs based on gross import units.

3.30.4 *In order to promote rooftop solar adoption and ensure fairness in billing, the Commission directs TGDISCOMs to revert to the earlier practice of determining tariff slabs based on net consumption (import minus export) for net metered solar rooftop consumers. TGDISCOMs are further directed to adjust the excess amounts collected*



*from such consumers due to the change in billing methodology, against the next three billing cycles from the date of issue of this Order.*

- 3.30.5 However, if Commission's interpretation is required in case of billing methodology of rooftop solar, TGDSCOMs are at liberty to approach the Commission on which the Commission will pass appropriate orders after hearing all the stakeholders concerned.

## **Electrical Accidents & SoP of Licensees**

### ***Stakeholders' Submissions***

- 3.30.6 Stakeholders highlighted that electrical accidents in Telangana DISCOMs (TGSPDCL and TGNPDCL) remain high, with no clear declining trend despite awareness efforts. Fatal human accidents continue at concerning levels, including 474 deaths in FY 2024–25 and 289 in the first half of FY 2025–26. Many incidents are attributed to system issues such as sagging conductors, delayed response to complaints, and poor maintenance of infrastructure, indicating that DISCOMs bear significant responsibility rather than consumers.
- 3.30.7 Concerns were also raised about inconsistencies in compensation data reported by DISCOMs, with discrepancies in ex-gratia payments for FY 2024–25 requiring verification. Additionally, accident rates are significantly higher in rural areas compared to urban circles, pointing to gaps in quality of service for rural consumers. Stakeholders emphasized the need for better staffing, improved maintenance, and targeted interventions based on circle-wise accident data.
- 3.30.8 There is also a mismatch between accident data reported by DISCOMs and figures published by the Central Electricity Authority (CEA), raising questions about data accuracy and reporting processes. Stakeholders recommended forming a dedicated committee with representatives from regulatory bodies, DISCOMs, safety experts, and consumer groups to analyze causes and suggest corrective measures.
- 3.30.9 Further suggestions included improving service quality benchmarks, conducting periodic public hearings focused on supply quality, extending uniform service line charges to HT consumers, and addressing challenges faced by the construction sector. Stakeholders also called for fixing accountability for accidents and increasing ex-gratia compensation for electrocution deaths from Rs. 5 lakhs to Rs. 8 lakhs.

***Petitioner's Replies***

3.30.10 TGDISCOMs submitted that they continue to undertake sustained preventive measures, including: Public awareness campaigns through print, electronic and social media, Safety drives in villages and urban localities, Replacement of damaged conductors and poles, strengthening of earthing systems and DTR fencing, Regular patrolling and preventive maintenance. The impact of such measures is gradual and cumulative in nature. It is respectfully submitted that the occurrence of electrical accidents cannot be directly or solely attributed to vacancy position, as accidents are influenced by multifaceted and external factors as stated above.

3.30.11 TGDISCOMs submitted that, in compliance with the Commission's directives, TGSPDCL has submitted the Electrical Accidents and Ex gratia Report with complete details for FY 2024-25 to Commission and requested to consider the amounts claimed and submitted as per the filings.

3.30.12 TGDISCOMs ensure compliance of safe practices during Installation, Operation & Maintenance of distribution infrastructure keeping public safety as utmost priority. In addition, TGDISCOMs have initiated programs such as Praja-Bata to address consumers concerns on areas including Electrical safety and improving consumer awareness. Free Dial number 1912 facility is created to lodge any supply related complaints by the consumers which will be processed and rectification action will be taken in short times.

3.30.13 As per the filings of TGSPDCL related to ARR and RST Proposals for FY 2026-27, the expenditure of Rs. 7.75 crores incurred during FY 2024-25 towards compensation/ex-gratia paid to electrical accidents shown only for H1 of FY2024-25. For entire FY 2024-25, TGSPDCL claimed Rs. 20.18 crores, towards compensation/ex-gratia paid to electrical accidents as part of the Distribution Business true up for the year 2024-25. There is discrepancy in the amounts claimed by TGDISCOMs towards compensation/ex-gratia paid to electrical accidents during FY 2024-25.

3.30.14 TGDISCOMs submitted that, the data furnished by TGDISCOMs pertains strictly to accidents occurring within their distribution network and jurisdiction during the relevant financial year. However, CEA/CEI statistics may include consolidated data received from multiple reporting authorities. Certain incidents may be categorized



differently by CEA/CEI (e.g., non-utility assets, consumer premises accidents, or cases under investigation), leading to numerical variation.

3.30.15 TGDISCOMs submitted that, the Commission has already issued a Draft proposal for implementation of Uniform Service Line Charges for HT consumers. The implementation of Uniform Service Line Charges is expected to reduce difficulties faced by the construction sector in obtaining electricity connections. The suggestion regarding representation of the construction sector in the SAC is noted.

3.30.16 TGDISCOMs submitted that, the suggestion regarding increase of ex-gratia amount is noted. Appropriate guidelines and supervisory mechanisms will be strengthened to improve electrical safety and prevent such accidents.

### ***Commission's analysis & findings***

3.30.17 Considering the request of the stakeholders to increase the ex-gratia amount, the *ex-gratia* payable in the case of a fatal accident resulting in death of a non-departmental person owing to electrocution determined vide proceeding no. TSERC/Secy/64 of 2017/D.No. 780 dated 28.12.2017 is hereby enhanced from Rs. 5 lakhs to Rs. 8 lakhs with effect from 01.04.2026 onwards.

3.30.18 However, if the accident is on account of consumer's fault, the expenditure incurred towards ex-gratia paid shall be allowed at the time of true-up. If the accident is not on account of consumer's fault, the expenditure incurred towards ex-gratia paid shall not be allowed at the time of true-up.

3.30.19 The TGDISCOMs are *directed to submit detailed circle wise monthly reports indicating the number of electrical accidents occurred, reasons for such electrical accidents, ex-gratia paid, and if not paid within two (2) months from date of accident the reasons for the delay. The TGDISCOMs are directed to simplify documentation requirements for claiming the Ex-gratia and ensure claims are settled expeditiously.*

3.30.20 *The Commission directs TGDISCOMs to strictly ensure compliance with Standards of Performance (SoP) Regulation and submit quarterly compliance report.*

## **Pre-Paid Metering**

### ***Stakeholders' Submissions***

3.30.21 Stakeholder has submitted that in directive No.7, the Commission has directed the



TGDISCOMs to take steps for the installation of prepaid smart meters with latest technology for all interested consumers. SPDCL has reiterated that under RDSS, a draft DPR for smart prepaid metering for all existing consumers (excluding agriculture consumers) and system metering has been prepared for an amount of Rs. 9,308.37 crores. As per RDSS guidelines, the approximate cost of Rs. 729 crores for the existing 81 lakh consumers (other than agriculture consumers), it has pointed out. Once approval is given to the DPR by Distribution Reforms Committee, and the state cabinet, it will be taken up for final approval by the MoP, GoI, TGSPDCL has reiterated. A similar reply is given by TGNPDCL. TGSPDCL has reminded that a petition for release of all the new services with smart meters with AMI (advanced metering infrastructure) for LTM application by collecting the cost of smart meter from the consumer was submitted to the Commission on 12.9.2025 and again on 16.10.2025. The Commission is requested to hold a public hearing on such petitions, before giving its orders, as the issue has serious implications for the consumers. The TGDISCOMs needs to clarify if they are taking prior consent of interested consumers for installation of prepaid smart meters and if so, the details thereof may be disclosed.

3.30.22 Stakeholder further submitted that, in directive No.8, the Commission has directed the TGDISCOMs to submit a time bound action plan for replacement of existing meters with prepaid smart meters with two-way communication in the interest of revenue realization of the TGDISCOMs. TGNPDCL has replied that it has decided to install smart meters for 70,472 services (comprising 19,909 single phase and 50,564 three phase meters) having a monthly consumption of 500 units and above and that procurement of those smart meters is under process. In this connection, the reply of TGNPDCL that, as per the order of the state government, 15,035 prepaid meters out of 18,812 procured by it and installed so far for government services are functioning in postpaid mode needs to be noted. In other words, installation of prepaid meters has turned out to be an infructuous exercise. No reply is given by TGSPDCL.

### ***Petitioner's Replies***

3.30.23 TGDISCOMs submitted that, with respect to Directive No. 7, the TGDISCOMs have filed a petition before the Commission to release all new services with smart meters on a cost-recovery basis, given the benefits to consumer and TGDISCOMs. This approach aligns with established practice in comparable states such as Andhra Pradesh

(since 2023) and Karnataka (since 2025). TGDISCOMs submit that petitions submitted by the licensee are made when the TGDISCOMs consider a measure necessary in the larger consumer interest, and not solely on individual consumer requests. TGDISCOMs will abide by orders of the Commission w.r.t to public hearings and orders in this regard.

3.30.24 TGSPDCL has submitted that, it installed 10,903 prepaid meters to Government services and data is captured through online system.

### ***Commission's analysis & findings***

3.30.25 TGDISCOMs have filed petitions for proposal for installation of smart meters for new services. The same will be considered by the Commission separately.

## **Demand Side Management (DSM) and Energy Efficiency**

### ***Stakeholders' Submissions***

3.30.26 The stakeholder submitted that TGNPDCL filings give insufficient weight to cost-effective Demand-Side Management (DSM) and technical loss-reduction measures that could significantly reduce ARR and subsidy requirements. Capacitor Banks Installation (Reactive Power Management). The problem with this is that Agricultural pumps (induction motors) operate at low power factor (0.70–0.75), drawing excess reactive current, causing voltage drops and line losses. Intended solution could be to install LT capacitor banks (20–25 kVAR) at every agricultural distribution transformer and replace inefficient 5 HP pumps with BEE 5-Star units at no cost to farmers (subsidized by DISCOM). Overloaded distribution transformers (120%+ during peak season) exhibit high copper losses and frequent failures. Therefore, De-load transformers and implement High Voltage Distribution System (HVDS), where low-load feeders are converted to 11 kV supply (instead of 415V), reducing current and losses. Because losses are proportional to current squared ( $I^2R$  losses). Voltage step-up reduces loss by factor of 100. Scrap-and-Replace Program for Life-Expired Distribution Transformers. Currently TGNPDCL spends Rs. 13.5 crores annually repairing 5,000 failed distribution transformers. This repair-and-replace cycle is economically unviable. Scrap transformers >15 years old with >25% no-load current; replace with new amorphous-core transformers (70% lower no-load losses).

3.30.27 Relief Sought: 1. Institutionalize structured DSM and loss-reduction programs with



mandatory targets and timelines, 2. Include performance-based monitoring with quarterly reporting to the Commission, 3. Condition future cost-of-capital allowances on demonstrated DSM implementation and outcomes, 4. Mandate immediate implementation of capacitor bank installation on all agricultural DTRs (highest ROI; lowest risk)

### *Petitioner's Replies*

3.30.28 TGSPDCL submitted the following:

**Measure-1:** The cost-benefit analysis presented in the objection appears to be based on overstated assumptions regarding repair expenditure and loss reduction. At present, TGDISCOMs are not incurring annual costs of Rs. 94,700 per 100 kVA distribution transformer on repairs and accounted losses combined. The actual expenditure is significantly lower, and therefore the projected annual benefit figure does not accurately reflect ground realities. Consequently, the payback period and benefit calculations derived from these inflated assumptions do not hold good. While DISCOM acknowledges the importance of transformer reliability and efficiency, the financial justification provided in the objection is not aligned with the current operational and expenditure data.

**Measure-2:** The proposed measure is not feasible under the current regulations, as agricultural pump sets are not assets owned or maintained by TGDISCOMs. However, solarization of grid connected Agriculture pump sets will be taken up as part of KUSUM scheme component-C to reduce grid dependency. Additionally, the projected energy savings of 20–25% appear overstated when compared to field-level data and practical operating conditions. Therefore, the cost-benefit analysis presented in the objection does not accurately reflect the realities of agricultural supply and billing practices.

**Measure-3:** The assumption of a 0.70 power factor used in the objection is not consistent with actual field conditions observed in TGDISCOM networks. DISCOMs regularly carry out detailed studies to assess capacitor requirements, and based on these analyses, installation of power factor correction devices at the distribution transformer (DTR) level has not been found to be economically viable. Presently, capacitor banks are strategically installed at 33 kV substations and at Transco substations. This approach effectively improves the overall system power



factor and reduces technical losses at a network-wide level, rather than at individual DTRs

**Measure- 4:** The assumption in the objection that repaired distribution transformers have an asset life of only six months is not accurate. In practice, the asset life after repair for TGDISCOMs is significantly higher, which makes repairs economically viable compared to outright replacement. Further, TGDISCOMs follow a structured process of scrutiny at the transformer level to determine whether a unit should be repaired or scrapped. This ensures that only transformers with irreparable damage are replaced, while those that can be restored to reliable service are repaired. This approach optimizes costs, extends asset life, and maintains system reliability without incurring unnecessary capital expenditure.

3.30.29 TGNPDCL submitted that, the assumption of a 0.70 power factor used in the objection is not consistent with actual field conditions observed in TGDISCOMs networks. TGDISCOMs regularly carry out detailed studies to assess capacitor requirements, and based on these analyses, installation of power factor correction devices at the distribution transformer (DTR) level has not been found to be economically viable.

- c. All substations across TGNPDCL are having 2/1 MVAR capacitor banks in service, maintaining a system power factor (PF) of up to 0.95 or better at the substation level and upstream. Further, most of the overloaded 11kV feeders are having 600kVAR line capacitor banks to support local reactive power requirements and to improve voltage profile even at tail end. Additionally, NPDCL has taken up bifurcation works of feeders with load above 150A. So far in FY25-26, 360 Nos of feeders are bifurcated. As of March 2025, TGNPDCL has commissioned at 33/11Kv SS:

| Sl. | Capacitor Bank Type | Nos.  | Remarks                 |
|-----|---------------------|-------|-------------------------|
| 1   | 1/2 MVAR Capacitor  | 1,614 | Commissioned so far     |
| 2   | Banks               | 163   | Proposed for FY 2026-27 |

- d. 600 KVAR Line Capacitor Banks on 11Kv lines:

| Sl. | Capacitor Bank Type      | Nos. | Remarks                                                      |
|-----|--------------------------|------|--------------------------------------------------------------|
| 1   | 600 KVAR Capacitor Banks | 573  | Commissioned so far                                          |
| 2   |                          |      | 517 Nos. cells are available in stock, to meet future loads. |

- e. It is also to submit the LT capacitors, if connected directly to the DTR on LT side, they need to be disconnected during off load. But, the LT capacitor with the said amount of Rs. 15,000 can be provided only fixed capacitor bank. For

auto switched the cost will be much higher. Instead of providing LT capacitors at DTRs, TGNPDCL is pursuing with farmers for providing capacitors at their motors. If the capacitor is in service or not disconnected during off Agriculture period, it results in line losses and in over voltages in the system/Lines, which may result failure of capacitor cells which in turn may lead to failure of DTRs due to near faults. The TGNPDCL has also taken loss reduction measures such as encouraging consumer to have 2/3kVAR capacitors on their motor side and conducting regular inspections for meter exceptional etc.

3.30.30 The proposed measure is not feasible under the current regulations; as agricultural pump sets are not assets owned or maintained by TGDISCOMs. Further, agricultural consumption is not billed based on actual metered usage. Instead, it is calculated using normative parameters such as hours of operation per day, number of operating days per year, and the total connected load of agricultural consumers. Additionally, the projected energy savings of 20–25% appear overstated when compared to field-level data and practical operating conditions. Therefore, the cost–benefit analysis presented in the objection does not accurately reflect the realities of agricultural supply and billing practices. Further it is to inform that in TGNPDCL, New AGL services are releasing duly following the DSM measures in which ISI pump set is mandatory.

3.30.31 While the concept of converting low-load LT lines into 11 kV feeders under HVDS can theoretically reduce losses, the practical implementation requires very high capital expenditure. The scale of investment needed makes this intervention economically challenging for DISCOMs. Additionally, most substations in TGDISCOMs are already catering to the maximum number of feeders due to repeated bifurcations carried out to improve reliability and load management. Introducing further HVDS feeders would place additional strain on existing substations, limiting the feasibility of this proposal under current infrastructure conditions. The assumption in the objection that repaired distribution transformers have an asset life of only six months is not accurate. In practice, the asset life after repair for TGDISCOMs is significantly higher, which makes repairs economically viable compared to outright replacement.

3.30.32 Further, TGNPDCL follows a structured process of scrutiny at the transformer level to determine whether a unit should be repaired or scrapped. This ensures that only transformers with irreparable damage are replaced, while those that can be restored to



reliable service are repaired. This approach optimizes costs, extends asset life, and maintains system reliability without incurring unnecessary capital expenditure.

### ***Commission's analysis & findings***

3.30.33 The submissions of the stakeholders and replies by the TGDISCOMs are noted by the Commission. *The Commission directs TGDISCOMs to expedite the initiative towards Demand Side Management (DSM) and submit the report/proposal to the Commission.*

### **Operational Issues**

#### ***Stakeholders' Submissions***

3.30.34 Stakeholder has raised Concerns that DTRs are replaced only after failure and that maintenance of poles, lines and equipment is inadequate, resulting in safety issues such as snapped wires and loose lines.

3.30.35 Farmers face difficulties in obtaining agricultural connections, particularly due to issues related to laying LT lines across neighbouring lands. It was suggested that utilities should take responsibility for routing lines along roads or boundaries.

3.30.36 Stakeholders raised safety concerns regarding DTRs located within agricultural lands and requested relocation. It was alleged that transmission lines and poles affect crops, livestock and farmer safety, and that compensation and consent procedures are inadequate. Stakeholders also highlighted large number of consumer complaints and delays in service connections, indicating violation of Standards of Performance.

3.30.37 Stakeholder suggested that awareness about the Consumer Grievance Redressal Forum (CGRF) should be increased through publicity at offices and Gram Panchayats. It was also requested to provide adequate facilities and honorarium to CGRF members.

3.30.38 Several stakeholders have submitted grievances relating to distribution network conditions, including delays in erection of DTRs, sagging and loose lines, overloading of DTRs, damaged poles, and corrosion of iron poles, affecting reliability and safety of supply.

#### ***Petitioner's Replies***

3.30.39 TGDISCOMs stated that a monthly DTR maintenance program is conducted to reduce failures, involving rectification of poles, plinth raising, earthing improvement, AB



switch repairs and replacement of components. Large numbers of poles and DTR structures were repaired or replaced during FY 2025-26.

3.30.40 TGDISCOMs stated that agricultural connections are released as per SOP guidelines and, wherever feasible, lines are routed along roads or field boundaries. However, the right-of-way for erection of poles for new connections falls within the scope of the applicant.

3.30.41 The Licensee stated that dangerous structures are renovated during maintenance programs, but relocation of all DTRs is not feasible due to technical constraints such as load centre and voltage profile.

3.30.42 TGDISCOMs submitted that electrical infrastructure is laid in accordance with statutory provisions, safety standards and Commission guidelines, with prior intimation and compensation wherever required. Distribution poles occupy only small areas and farmers are generally allowed to continue cultivation with safety precautions.

3.30.43 The Licensee submitted that overall SOP standards have been achieved and quarterly SOP reports are being submitted to the Commission. The provisions of the latest regulations will be implemented as per guidelines.

3.30.44 The suggestions are noted. Efforts will be made to improve awareness and accessibility of CGRF services among consumers.

### ***Commission's analysis & findings***

3.30.45 The Commission has taken note of the grievances relating to inadequate maintenance of distribution infrastructure, including delayed replacement of failed DTRs, sagging lines, overloaded transformers, damaged poles and safety hazards. While the DISCOMs have reported undertaking maintenance programmes, the persistence of such issues indicates the need for more proactive and preventive maintenance practices. *The Commission directs the TGDISCOMs to strengthen preventive maintenance, conduct periodic inspections, and ensure timely rectification of defects such as loose lines, damaged poles and overloading of DTRs to improve reliability and public safety.*

3.30.46 *The Commission has taken note of the concerns on delays in service connections and directs the TGDISCOMs to strictly adhere to Standards of Performance and address*

*consumer complaints promptly. Any deviation shall be monitored closely.*

3.30.47 The Commission has taken note that similar directions were issued in the previous Tariff Order to the DISCOMs for creating adequate awareness regarding the functioning of the Consumer Grievance Redressal Forums (CGRF) and for ensuring proper facilities. However, it is observed that during the present public hearings, stakeholders have once again raised concerns regarding lack of awareness and ineffective functioning of CGRF.

3.30.48 Accordingly, the Commission reiterates and *directs the TGDISCOMs and CGRFs again to undertake sustained and wide-ranging awareness programmes through field offices, Gram Panchayats and other local bodies, ensuring that consumers are fully informed about the availability, role and procedures of CGRF. The TGDISCOMs shall also ensure that adequate infrastructure, staffing and logistical support are provided for effective functioning of the Forums. Strict compliance shall be ensured, and a detailed report on the actions taken in this regard shall be submitted to the Commission within a stipulated timeframe.*

### 3.31 RETAIL SUPPLY TARIFF SCHEDULE FOR FY 2026-27

3.31.1 The Commission in accordance with the decisions detailed in the above and the consent from GoTG for provisions of subsidy, hereby determines the Retail Supply Tariffs for FY 2026-27. The Retail Supply Tariffs along with the terms and conditions approved in this Order shall be applicable w.e.f. 01.04.2026 in respect of TGDISCOMs (TGSPDCL & TGNPDCL) and CESS, Sircilla in the Telangana.

**Table 3-52: Retail Supply Tariff Schedule as determined for FY 2026-27**

| Category                                                               | Fixed/ Demand Charge |                 | Energy Charge |
|------------------------------------------------------------------------|----------------------|-----------------|---------------|
|                                                                        | Unit                 | Rs. /Unit/month | (Rs. /Unit)   |
| <b>Low Tension</b>                                                     |                      |                 |               |
| <b>LT-I: Domestic</b>                                                  |                      |                 |               |
| <b>LT-I (A): Up to 100 units/month</b>                                 |                      |                 |               |
| 0-50                                                                   | kW                   | 10              | 1.95          |
| 51-100                                                                 | kW                   | 10              | 3.10          |
| <b>LT-I (B) (i): Above 100 units/month &amp; up to 200 units/month</b> |                      |                 |               |
| 0-100                                                                  | kW                   | 10              | 3.40          |
| 101-200                                                                | kW                   | 10              | 4.80          |
| <b>LT-I (B) (ii): Above 200 units/month</b>                            |                      |                 |               |
| 0-200                                                                  | kW                   | 10              | 5.10          |

| Category                                                                                                                                                                                                                                                                                                        | Fixed/ Demand Charge |                 | Energy Charge |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------|---------------|
|                                                                                                                                                                                                                                                                                                                 | Unit                 | Rs. /Unit/month | (Rs. /Unit)   |
| 201-300                                                                                                                                                                                                                                                                                                         | kW                   | 10              | 7.70          |
| 301-400                                                                                                                                                                                                                                                                                                         | kW                   | 10              | 9.00          |
| 401-800                                                                                                                                                                                                                                                                                                         | kW                   | 10              | 9.50          |
| Above 800 units                                                                                                                                                                                                                                                                                                 | kW                   | 50              | 10.00         |
| <b>LT-II: Non-Domestic/Commercial/ Others</b>                                                                                                                                                                                                                                                                   |                      |                 |               |
| <b>LT-II (A): Up to 50 units/month</b>                                                                                                                                                                                                                                                                          |                      |                 |               |
| 0-50                                                                                                                                                                                                                                                                                                            | kW                   | 30              | 7.00          |
| <b>LT-II (B): Above 50 units/month</b>                                                                                                                                                                                                                                                                          |                      |                 |               |
| 0-100                                                                                                                                                                                                                                                                                                           | kW                   | 70              | 8.50          |
| 101-300                                                                                                                                                                                                                                                                                                         | kW                   | 70              | 9.90          |
| 301-500                                                                                                                                                                                                                                                                                                         | kW                   | 100             | 10.40         |
| Above 500                                                                                                                                                                                                                                                                                                       | kW                   | 100             | 11.00         |
| <b>LT-II (C): Advertising Hoardings</b>                                                                                                                                                                                                                                                                         | kW                   | 150             | 13.00         |
| <b>LT-II (D): Haircutting salons up to 200 units/month</b>                                                                                                                                                                                                                                                      |                      |                 |               |
| 0-50                                                                                                                                                                                                                                                                                                            | kW                   | 60              | 5.30          |
| 51-100                                                                                                                                                                                                                                                                                                          | kW                   | 60              | 6.60          |
| 101-200                                                                                                                                                                                                                                                                                                         | kW                   | 60              | 7.50          |
| <b>LT-III: Industry</b>                                                                                                                                                                                                                                                                                         |                      |                 |               |
| Industries                                                                                                                                                                                                                                                                                                      | kW                   | 100             | 7.70          |
| Seasonal Industries (off- season)                                                                                                                                                                                                                                                                               | kW                   | 100             | 8.40          |
| Pisciculture/Prawn culture                                                                                                                                                                                                                                                                                      | kW                   | 50              | 6.20          |
| Sugarcane crushing                                                                                                                                                                                                                                                                                              | kW                   | 50              | 6.20          |
| Poultry farms                                                                                                                                                                                                                                                                                                   | kW                   | 65              | 7.00          |
| Mushroom, Rabbit, Sheep and Goat farms                                                                                                                                                                                                                                                                          | kW                   | 100             | 7.30          |
| <i>For Rice Mills under LT-III Industry, the upper limit of Contract Load shall be 93 kW/125 HP;<br/>For the remaining consumers under LT-III Industry, the upper limit of Contract Load shall be 75 kW/100 HP.</i>                                                                                             |                      |                 |               |
| <b>LT-IV: Cottage Industries &amp; Agro Based Activities</b>                                                                                                                                                                                                                                                    |                      |                 |               |
| <b>LT-IV(A): Cottage Industries</b>                                                                                                                                                                                                                                                                             | kW                   | 20              | 4.00          |
| <b>LT-IV(B): Agro Based Activities</b>                                                                                                                                                                                                                                                                          | kW                   | 20              | 4.00          |
| <i>For LT-IV(B) Agro Based Activity, the upper limit of Connected Load for Mushroom production, Rabbit farming, Sheep farming, Goatfarming, and Dairy farming activities shall be 25 HP; For the remaining consumers under LT- IV(B) Agro Based Activity, the upper limit of Connected Load shall be 20 HP.</i> |                      |                 |               |
| <b>LT-V: Agricultural</b>                                                                                                                                                                                                                                                                                       |                      |                 |               |
| <b>LT-V(A): Agricultural (DSM Measures mandatory)</b>                                                                                                                                                                                                                                                           |                      |                 |               |
| Corporate Farmers                                                                                                                                                                                                                                                                                               | HP                   | -               | 2.50          |
| Other than Corporate Farmers                                                                                                                                                                                                                                                                                    | HP                   | -               | 0.00          |
| <b>LT-V (B): Others</b>                                                                                                                                                                                                                                                                                         |                      |                 |               |
| Horticulture Nurseries with CL up to 20 HP                                                                                                                                                                                                                                                                      | HP                   | 20              | 4.00          |
| <b>LT-VI: Street Lighting &amp; PWS Schemes</b>                                                                                                                                                                                                                                                                 |                      |                 |               |
| <b>LT-VI (A): Street Lighting</b>                                                                                                                                                                                                                                                                               |                      |                 |               |
| Panchayats                                                                                                                                                                                                                                                                                                      | kW                   | 32              | 7.10          |



| Category                                                                                                                                                                                | Fixed/ Demand Charge |                                            | Energy Charge |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------|---------------|
|                                                                                                                                                                                         | Unit                 | Rs. /Unit/month                            | (Rs. /Unit)   |
| Municipalities                                                                                                                                                                          | kW                   | 32                                         | 7.60          |
| Municipal Corporations                                                                                                                                                                  | kW                   | 32                                         | 8.10          |
| <b>LT-VI(B): PWS Schemes</b>                                                                                                                                                            |                      |                                            |               |
| Panchayats                                                                                                                                                                              | HP                   | 32/HP subject to a minimum of Rs.50/month  | 6.00          |
| Municipalities                                                                                                                                                                          | HP                   | 32/HP subject to a minimum of Rs.100/month | 7.10          |
| Municipal Corporations                                                                                                                                                                  | HP                   | 32/HP subject to a minimum of Rs.100/month | 7.60          |
| <b>LT-VII: General</b>                                                                                                                                                                  |                      |                                            |               |
| LT-VII (A): General Purpose                                                                                                                                                             | kW                   | 21                                         | 8.30          |
| LT-VII (B): Wholly Religious Places                                                                                                                                                     | kW                   | 30                                         | 5.00          |
| <b>LT-VIII: Temporary Supply</b>                                                                                                                                                        | kW                   | 21                                         | 12.00         |
| <i>For LT-VIII Temporary Supply, the consumer shall be required to deposit in advance the estimated consumption charges along with other charges as stipulated in the Tariff Order.</i> |                      |                                            |               |
| <b>LT-IX: EV Charging Stations</b>                                                                                                                                                      | kW                   | 0                                          | 6.00          |
| <b>High Tension</b>                                                                                                                                                                     |                      |                                            |               |
| <b>HT-I (A): Industry General</b>                                                                                                                                                       |                      |                                            |               |
| 11 kV                                                                                                                                                                                   | kVA                  | 500                                        | 7.65          |
| 33 kV                                                                                                                                                                                   | kVA                  | 500                                        | 7.15          |
| 132 kV and above                                                                                                                                                                        | kVA                  | 500                                        | 6.65          |
| <b>HT-I (A): Lights and Fans</b>                                                                                                                                                        |                      |                                            |               |
| 11 kV                                                                                                                                                                                   |                      | -                                          | 7.65          |
| 33 kV                                                                                                                                                                                   |                      | -                                          | 7.15          |
| 132 kV and above                                                                                                                                                                        |                      | -                                          | 6.65          |
| <b>HT-I (A): Poultry Farms</b>                                                                                                                                                          |                      |                                            |               |
| 11 kV                                                                                                                                                                                   | kVA                  | 500                                        | 7.65          |
| 33 kV                                                                                                                                                                                   | kVA                  | 500                                        | 7.15          |
| <b>HT-I (A): Colony Consumption</b>                                                                                                                                                     |                      |                                            |               |
| 11 kV                                                                                                                                                                                   |                      | -                                          | 7.30          |
| 33 kV                                                                                                                                                                                   |                      | -                                          | 7.30          |
| 132 kV and above                                                                                                                                                                        |                      | -                                          | 7.30          |
| <b>HT-I (A): Seasonal Industries</b>                                                                                                                                                    |                      |                                            |               |
| 11 kV                                                                                                                                                                                   | kVA                  | 500                                        | 8.60          |
| 33 kV                                                                                                                                                                                   | kVA                  | 500                                        | 7.90          |
| 132 kV and above                                                                                                                                                                        | kVA                  | 500                                        | 7.70          |
| <b>HT-I (A): Optional Category with CMD Up to 150 kVA</b>                                                                                                                               |                      |                                            |               |
| 11 kV                                                                                                                                                                                   | kVA                  | 100                                        | 8.00          |
| <b>HT-I (B): Ferro Alloys</b>                                                                                                                                                           |                      |                                            |               |
| 11 kV                                                                                                                                                                                   | kVA                  | 500                                        | 7.65          |

| Category                                                                                                                                                                               | Fixed/ Demand Charge |                 | Energy Charge |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------|---------------|
|                                                                                                                                                                                        | Unit                 | Rs. /Unit/month | (Rs. /Unit)   |
| 33 kV                                                                                                                                                                                  | kVA                  | 500             | 7.15          |
| 132 kV and above                                                                                                                                                                       | kVA                  | 500             | 6.65          |
| <b>HT-II (A): Others</b>                                                                                                                                                               |                      |                 |               |
| 11 kV                                                                                                                                                                                  | kVA                  | 500             | 8.80          |
| 33 kV                                                                                                                                                                                  | kVA                  | 500             | 8.00          |
| 132 kV and above                                                                                                                                                                       | kVA                  | 500             | 7.80          |
| <b>HT-II (B): Wholly Religious Places</b>                                                                                                                                              |                      |                 |               |
| 11 kV                                                                                                                                                                                  | kVA                  | 285             | 5.00          |
| 33 kV                                                                                                                                                                                  | kVA                  | 285             | 5.00          |
| 132 kV and above                                                                                                                                                                       | kVA                  | 285             | 5.00          |
| <b>HT-III: Airports, Railway Stations and Bus Stations</b>                                                                                                                             |                      |                 |               |
| 11 kV                                                                                                                                                                                  | kVA                  | 500             | 8.50          |
| 33 kV                                                                                                                                                                                  | kVA                  | 500             | 7.85          |
| 132 kV and above                                                                                                                                                                       | kVA                  | 500             | 7.45          |
| <b>HT-IV (A): Irrigation and Agriculture</b>                                                                                                                                           |                      |                 |               |
| 11 kV                                                                                                                                                                                  | kVA                  | 300             | 6.30          |
| 33 kV                                                                                                                                                                                  | kVA                  | 300             | 6.30          |
| 132 kV and above                                                                                                                                                                       | kVA                  | 300             | 6.30          |
| <b>HT-IV(B): CPWS Schemes</b>                                                                                                                                                          |                      |                 |               |
| 11 kV                                                                                                                                                                                  | kVA                  | -               | 6.10          |
| 33 kV                                                                                                                                                                                  | kVA                  | -               | 6.10          |
| 132 kV and above                                                                                                                                                                       | kVA                  | -               | 6.10          |
| <b>HT-V (A): Railway Traction</b>                                                                                                                                                      |                      |                 |               |
| <b>HT-V(B): HMR</b>                                                                                                                                                                    |                      |                 |               |
|                                                                                                                                                                                        | kVA                  | 500             | 4.95          |
| <b>HT-VI: Townships &amp; Residential Colonies</b>                                                                                                                                     |                      |                 |               |
| 11 kV                                                                                                                                                                                  | kVA                  | 285             | 7.30          |
| 33 kV                                                                                                                                                                                  | kVA                  | 285             | 7.30          |
| 132 kV and above                                                                                                                                                                       | kVA                  | 285             | 7.30          |
| <b>HT-VII: Temporary Supply</b>                                                                                                                                                        |                      |                 |               |
| 11 kV                                                                                                                                                                                  | kVA                  | 500             | 11.80         |
| 33 kV                                                                                                                                                                                  | kVA                  | 500             | 11.00         |
| 132 kV and above                                                                                                                                                                       | kVA                  | 500             | 10.80         |
| <i>For HT-VII Temporary Supply, the consumer shall be required to deposit in advance the estimated consumption charges along with other charges as stipulated in the Tariff Order.</i> |                      |                 |               |
| <b>HT-VIII: RESCOs</b>                                                                                                                                                                 |                      |                 |               |
| 11 kV                                                                                                                                                                                  |                      | -               | 4.77          |
| <b>HT-IX: EV Charging Stations</b>                                                                                                                                                     |                      |                 |               |
| 11 kV                                                                                                                                                                                  | kVA                  | 100             | 6.00          |
| 33 kV                                                                                                                                                                                  | kVA                  | 100             | 6.00          |
| 132 kV and above                                                                                                                                                                       | kVA                  | 100             | 6.00          |

### 3.32 TIME OF DAY (TOD) TARIFFS:

#### *Applicability:*

3.32.1 The following Time of Day (TOD) Tariffs are applicable for categories viz.,

- HT-I(A) Industry General;
- HT-I(A) Poultry Farms;
- HT-II(A) Others;
- HT-II(B) Wholly Religious Places;
- HT-III Airports, Railway stations and Bus Stations
- HT-IX Electric Vehicle Charging Stations;

**Table 3-53: Applicable Time of Day (TOD) Tariffs**

| Description              | During the Period                     | ToD Tariff over Retail Supply Energy Charges for FY 2026-27 |
|--------------------------|---------------------------------------|-------------------------------------------------------------|
| Time of Day (TOD) Tariff | 6 am to 10 am<br>and<br>6 pm to 10 pm | Plus Rs.1.50/unit                                           |
| Time of Day (TOD) Tariff | 10 am to 6 pm                         | Less Rs. 0.50/unit                                          |

Note: Normal energy charges shall be applicable for time slot of 10 pm to 6 am.



## CHAPTER-4 : TERMS AND CONDITIONS OF TARIFF

### 4.1 TERMS & CONDITIONS OF TARIFF

4.1.1 Applicable with effect from 01.04.2026 to 31.03.2027 in respect of two Distribution Licensees in the Telangana (i.e., TGSPDCL and TGNPDCL) and also CESS, Sircilla.

4.1.2 The LT Tariffs determined in PART 'A' and HT Tariffs determined in PART 'B' below are subject to the following two general conditions:

- Fuel Surcharge Adjustment (FSA)/Fuel Cost Adjustment (FCA) will be extra as per Regulation No.2 of 2023 as amended from time to time.
- The Tariffs are exclusive of the Electricity duty payable as per the provisions of the Telangana Electricity Duty Act, 1939 as amended from time to time.

#### **PART A: LT-TARIFFS**

**System of Supply:** Low Tension A.C. 50 Cycles  
Three Phase Supply at 415 Volts  
Single Phase supply at 240 Volts

4.1.3 These tariffs are applicable for supply of electricity to LT consumers with a contracted load of 56 kW/75 HP and below. However, contracted load up to 75 kW/100 HP will be treated as LT, for LT-III Industrial category however, in so far as Rice Mills are concerned the contracted load up to 93 kW/125 HP will be treated under LT-III Industrial category. Similarly for LT-IX EV Charging Stations the Contracted Load up to 150 kW/ 201 HP will be treated under LT.

### 4.2 LT-I: DOMESTIC

#### **Applicability**

4.2.1 This tariff is applicable for supply of electricity for lights, fans and other domestic purposes to domestic premises. **Domestic establishment/Premises is one which is used for dwelling/residential purpose.**

*Explanation: For domestic category, the households having a separate kitchen will be treated as a separate establishment.*

4.2.2 This tariff is applicable to the facilities viz. RO plants, sewerage treatment plants (STP), yard/streetlights which are established and operated by the owner's welfare associations in gated communities having individual connections or single point

supply.

4.2.3 The LT-Domestic consumers are divided broadly into two sub-categories, viz. LT-I(A), LT-I(B).

- The sub-category LT-I(A) shall be applicable to the consumers having consumption not exceeding 100 units per month.
- The sub-category LT-I(B) has been further sub-divided into LT-I(B)(i) and LT-I(B)(ii).
- LT-I(B)(i) shall be applicable to the consumer with consumption above 100 units but not exceeding 200 units per month.
- LT-I(B)(ii) shall be applicable to the consumer having consumption of above 200 units per month

4.2.4 The consumer shall be billed electricity charges as shown below:

| Category                                                          | Fixed Charge (Rs. /month) |      | Energy Charge<br>Rs. /kWh |
|-------------------------------------------------------------------|---------------------------|------|---------------------------|
|                                                                   | Unit                      | Rate |                           |
| LT-I: Domestic                                                    |                           |      |                           |
| LT-I(A): Not exceeding 100 units/month                            |                           |      |                           |
| 0-50                                                              | kW                        | 10   | 1.95                      |
| 51-100                                                            | kW                        | 10   | 3.10                      |
| LT-I(B)(i): Above 100 units/month & not exceeding 200 units/month |                           |      |                           |
| 0-100                                                             | kW                        | 10   | 3.40                      |
| 101-200                                                           | kW                        | 10   | 4.80                      |
| LT-I(B)(ii): Above 200 units/month                                |                           |      |                           |
| 0-200                                                             | kW                        | 10   | 5.10                      |
| 201-300                                                           | kW                        | 10   | 7.70                      |
| 301-400                                                           | kW                        | 10   | 9.00                      |
| 401-800                                                           | kW                        | 10   | 9.50                      |
| Above 800 units                                                   | kW                        | 50   | 10.00                     |

### 4.3 LT-II: NON-DOMESTIC/COMMERCIAL/ OTHERS

4.3.1 This category has been sub-divided into LT-II(A), LT-II(B), LT-II(C) and LT-II(D).

#### LT-II(A) and LT-II(B)

##### *Applicability*

- A consumer who undertakes non-domestic activity.
- A consumer who undertakes Commercial activity.
- A consumer who does not fall in any other LT category i.e., LT-I, LT-III to LT-IX categories.

- Consumers who avail supply of energy for lighting, fans, heating, air conditioning and power appliances in Commercial or Non-Domestic premises.

*For example, shops, business houses, offices, public buildings, hospitals, hostels, hotels, choultries, restaurants, clubs, theatres, cinema halls, bus stands and attached offices, railway stations, timber depots, photo studios, all servicing centres, bus depots (other than that of TGSRTC), laundries, dry cleaning units, gas/oil storage/transfer stations, warehouses, godowns (other than cold storage godowns), storage units or of such similar nature.*

- Educational institutions run by individuals, Non-Government Organizations or Private Trusts including student hostels of such educational institutions.

4.3.2 The sub-category LT-II(A) shall be applicable to the consumers having consumption not exceeding 50 units per month.

4.3.3 The sub-category LT-II(B) shall be applicable to the consumers having consumption above 50 units per month.

4.3.4 The consumer shall be billed electricity charges as shown below:

| Category                               | Fixed Charge<br>(Rs. /month) |                                          | Energy Charge<br>Rs. /kWh or Rs. /kVAh |
|----------------------------------------|------------------------------|------------------------------------------|----------------------------------------|
|                                        | Unit                         | Rate                                     |                                        |
| LT-II: Non-Domestic/Commercial/Others  |                              |                                          |                                        |
| LT-II(A): Not exceeding 50 units/month |                              |                                          |                                        |
| 0-50                                   | kW                           | 30                                       | 7.00                                   |
| LT-II(B): Above 50 units/month         |                              |                                          |                                        |
| 0-100                                  | kW                           | 70                                       | 8.50                                   |
| 101-300                                | kW                           | 70                                       | 9.90                                   |
| 301-500                                | kW                           | 100                                      | 10.40                                  |
| Above 500                              | kW                           | 100                                      | 11.00                                  |
| Monthly minimum energy charges         |                              | Rs. 50 per month for single-phase supply |                                        |
|                                        |                              | Rs. 100 per month for three-phase supply |                                        |

### LT-II(C): Advertising Hoardings

#### Applicability

4.3.5 Electricity supply availed of through a separate(independent) connection for the purpose of advertisements, hoardings and other conspicuous consumption such as external flood light, displays, neon signs at public places (roads, railway stations, airports etc.), departmental stores, commercial establishments, malls, multiplexes, theatres, clubs, hotels and other such entertainment/leisure establishments.



4.3.6 The consumer shall be billed electricity charges as shown below:

| Category                                                         | Fixed Charge<br>(Rs. /month) |      | Energy Charge<br>Rs. /kWh or<br>Rs. /kVAh |
|------------------------------------------------------------------|------------------------------|------|-------------------------------------------|
|                                                                  | Unit                         | Rate |                                           |
| <b>LT-II(C): Advertisement Hoardings</b>                         | kW                           | 150  | 13.00                                     |
| Subject to a monthly minimum energy charge of Rs. 300 per month. |                              |      |                                           |

#### LT-II(D): Haircutting Salons

##### Applicability

4.3.7 The tariff is applicable for supply of electricity to hair cutting salons with consumption not exceeding 200 units per month. For consumers whose consumption exceeds 200 units per month shall be billed under LT-II(B) sub- category.

4.3.8 The consumer shall be billed electricity charges as shown below:

| Category                                                             | Fixed Charge<br>(Rs. /month)             |      | Energy Charge<br>Rs. /kWh or<br>Rs. /kVAh |
|----------------------------------------------------------------------|------------------------------------------|------|-------------------------------------------|
|                                                                      | Unit                                     | Rate |                                           |
| LT-II(D): Haircutting salons consuming not exceeding 200 units/month |                                          |      |                                           |
| 0-50                                                                 | kW                                       | 60   | 5.30                                      |
| 51-100                                                               | kW                                       | 60   | 6.60                                      |
| 101-200                                                              | kW                                       | 60   | 7.50                                      |
| Monthly minimum energy charges                                       | Rs. 65 per month for single phase supply |      |                                           |
|                                                                      | Rs. 200 per month for three phase supply |      |                                           |

#### 4.4 LT-III: INDUSTRY

##### Applicability

4.4.1 The tariff is applicable for supply of electricity to Low Tension Industrial consumer with a Contracted load up to 75 kW/100 HP, in case of Rice Mills the Contracted load is up to 93 kW/125 HP. Industrial purpose shall mean, supply for purpose of manufacturing, processing and/or preserving goods for sale, cold storage/cold storage godowns but shall not include shops, business houses, offices, public buildings, hospitals, hotels, hostels, choultries, restaurants, clubs, theatres, cinemas, bus stations, railway stations and other similar premises, notwithstanding any manufacturing, processing or preserving goods for sale.

4.4.2 This tariff shall also apply to

- Water Works & Sewerage Pumping Stations operated by the Government Departments or Co-operative Societies and pump sets of Railways, pumping of water by industries as subsidiary function and sewerage pumping stations

operated by local bodies and Drinking Water filtering plants using Reverse Osmosis (R.O.) process/any other filtering process.

- b. Workshops (involving activity of manufacturing), bus depots of TGSRTC, servicing and repairing centres of TGSRTC, printing presses, repairing centres including transformer servicing/repairing centres, flour mills, oil mills, saw mills, coffee grinders and wet grinders, Ice candy units with or without sale outlets, Goshalas, grass cutting and fodder cutting units.
- c. The Information Technology (IT) units identified and approved by the Consultative Committee on IT Industry (CCITI) constituted by the Government of Telangana.
- d. Newspaper printing unit.
- e. Powder coating units.
- f. Poultry Farming Units.
- g. Pisciculture and Prawn culture units.
- h. Mushroom production units, Rabbit Farms, Sheep Farms, Goat Farms and Dairy Farms other than those coming under LT-IV with load exceeding 25 HP.
- i. Sugar cane crushing.

4.4.3 The consumer shall be billed electricity charges as shown below:

| Category                              | Fixed Charge<br>(Rs. /month) |      | Energy Charge<br>Rs. /kWh or<br>Rs. /kVAh |
|---------------------------------------|------------------------------|------|-------------------------------------------|
|                                       | Unit                         | Rate |                                           |
| LT-III: Industry                      |                              |      |                                           |
| Industries                            | kW                           | 100  | 7.70                                      |
| Pisciculture/Prawn culture            | kW                           | 50   | 6.20                                      |
| Sugarcane crushing                    | kW                           | 50   | 6.20                                      |
| Poultry farms                         | kW                           | 65   | 7.00                                      |
| Mushroom, Rabbit, Sheep and Goat farm | kW                           | 100  | 7.30                                      |

- Where the metering is on HT side, 1% of total energy consumed shall be deducted from recorded energy for the purpose of billing.
- No manufacturing/production certification shall be required, if the poultry farm has no in-house manufacturing activity such as feed mills. Poultry farms are exempted from general condition of 3 HP minimum load for releasing the service.
- No manufacturing/production certification shall be required for drinking water filtering plants using Reverse Osmosis (R.O.) process/any other filtering process likely. These services are exempted from general condition of 3 HP minimum load.

- These services can be released under single phase supply.

### ***Rates for Seasonal Industries under LT-III***

4.4.4 Where a consumer avails supply of energy under LT-III for manufacture of sugar or ice or salt, decorticating, seed processing, fruit processing, ginning and pressing, cotton seed oil mills, tobacco processing and re-drying and for such other industries or processes as may be approved by the Commission from time to time principally during certain seasons or limited periods in the tariff year and if the main plant is regularly closed down during certain months of the tariff year, such consumer may be charged for the months during which the plant is shut down (which period shall be referred to as the off-season period) as follows:

4.4.5 The LT-III off-season tariff rates are:

#### ***Fixed charge***

On 30% of contracted load Rs.100/kW/Month

#### ***Energy charges***

For energy consumed at kVAh or kWh: Rs.8.40

- If the metering is on HT side, 1% of total energy consumed shall be deducted from recorded energy for the purpose of billing.

### **4.5 LT-IV(A): COTTAGE INDUSTRIES (connected load not exceeding 25HP)**

#### ***Applicability***

4.5.1 This category under LT IV(A) is applicable for supply of energy to Dhobighats & bonafide (as certified by DE/Operations) small Cottage Industries specifically Power looms, Carpentry, Blacksmithy, Kanchari, Gold smithy, Shilpi, Pottery, Mochi, Phenyl production units, Agarbathi production units, Wax Candle making units, Papads manufacturing units, Leather Chappals making, Soap Industry, Plaster of Paris units, Laque Toy making units, Pop Toys, Wood carving/toy making units, Pickles manufacturing, Mango jelly units, Adda leaf plate industry having connected load not exceeding 25 HP including incidental lighting in the premises.

4.5.2 The consumer shall be billed electricity charges as shown below:



| Category                                                                                                                                                                                                                                | Fixed Charge<br>(Rs. /month) |      | Energy Charge<br>Rs. /kWh or<br>Rs. /kVAh |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------|-------------------------------------------|
|                                                                                                                                                                                                                                         | Unit                         | Rate |                                           |
| <b>LT-IV(A): Cottage Industries</b>                                                                                                                                                                                                     | kW                           | 20   | 4.00                                      |
| <i>Note:</i> Units which exceed 25 HP connected load shall be billed at electricity charges specified for LT-III Industry category.                                                                                                     |                              |      |                                           |
| <i>Note:</i> Trivector meters shall be provided for all 10 kW and above load services.<br>Energy charges shall be billed on kVAh for all 10 kW & above services.<br>For loads below 10 kW, energy charges shall be billed on kWh basis. |                              |      |                                           |

## LT-IV(B): AGRO BASED ACTIVITIES

### Applicability

- 4.5.3 This tariff is applicable to *bona-fide* (as certified by DE/Operations) small-agro based industrial units located in rural areas covering Sisal fibre extraction co-operative units, Vermiculture, Sericulture, Emu Birds farming, Apiculture (honey making), Chaff-cutting, Millets making with connected load up to 20 HP (including incidental lighting load).
- 4.5.4 However, in so far as Mushroom growing, Rabbit farming, Sheep farming, Goat farming, Dairy farming activities even with connected load not exceeding 25 HP (including incidental lighting load) will be considered as LT IV(B).
- 4.5.5 The consumer shall be billed electricity charges as shown below:

| Category                                                                                                                                                         | Fixed Charge<br>(Rs. /month) |      | Energy Charge<br>Rs. /kWh |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------|---------------------------|
|                                                                                                                                                                  | Unit                         | Rate |                           |
| <b>LT-IV(B): Agro Based Activities</b>                                                                                                                           | kW                           | 20   | 4.00                      |
| <i>Note:</i> Units which exceed connected load specified under applicability for this category shall be billed at tariff specified for LT-III Industry category. |                              |      |                           |

## 4.6 LT-V: AGRICULTURAL

### Applicability

#### LT-V (A): Agricultural

- 4.6.1 This tariff shall apply to the following:

❖ **Corporate Farmer (includes poly-houses/green-houses):**

- A consumer registered under the Companies Act
- A consumer who is a partnership firm or a Limited Liability Partnership
- Association of persons, Co-operative society and Body of Individuals
- Any permanent Reinforced Cement Concrete (RCC) roof structures not

exclusively used for the purposes of farming or storage and located in the farm-lands such as farm-houses or any other place of dwelling shall be charged in accordance with applicable tariffs.

❖ **Other than Corporate Farmer:**

- Individual farmer or Joint Family Farmer including polyhouses/green- houses who are individuals or joint families.
- This category is applicable only to those consumers who undertake agricultural activity including floriculture and cultivation of palm trees. The agricultural activities undertaken in green houses/polyhouses shall also be included in this category.

4.6.2 The electricity charges applicable to LT-V Agricultural category is as shown below:

| Category                                                                                                                            | Fixed Charge<br>(Rs. /year) |      | Energy Charge<br>Rs. /kWh |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------|---------------------------|
|                                                                                                                                     | Unit                        | Rate |                           |
| LT-V (A): Agricultural with mandatory DSM measures                                                                                  |                             |      |                           |
| Corporate Farmer                                                                                                                    | HP                          | -    | 2.50                      |
| Other than Corporate Farmer                                                                                                         | HP                          | -    | 0.00                      |
| LT-V(B): Others                                                                                                                     |                             |      |                           |
| Horticulture Nurseries with CL up to 20 HP                                                                                          | HP                          | 20   | 4.00                      |
| Explanation: Horticulture Nurseries with connected load of more than 20 HP shall be billed under LT-III: Industry (General) tariff. |                             |      |                           |

#### 4.7 LT-VI: STREET LIGHTING AND PWS SCHEMES

##### *Applicability*

4.7.1 Applicable for supply of energy for lighting on public roads, streets, thoroughfares including Parks, Markets, Cart-stands, Taxi stands, Bridges and also for PWS schemes and Mission Bhagiratha schemes in the Local Bodies viz., Panchayats/ Municipalities/ Municipal Corporations. Metering is compulsory irrespective of tariff structure.

4.7.2 The electricity charges for LT-VI(A): Street lighting & PWS schemes are as shown below:

| Category                  | Fixed Charge (Rs. /month) |                         | Energy Charge<br>Rs. /kWh |
|---------------------------|---------------------------|-------------------------|---------------------------|
|                           | Unit                      | Rate                    |                           |
| LT-VI(A): Street Lighting |                           |                         |                           |
| Panchayats                | kW                        | 32                      | 7.10                      |
| Municipalities            | kW                        | 32                      | 7.60                      |
| Municipal Corporations    | kW                        | 32                      | 8.10                      |
| LT-VI(B): PWS Schemes     |                           |                         |                           |
| Panchayats                | HP                        | Rs. 32/HP of contracted | 6.00                      |

| Category               | Fixed Charge (Rs. /month) |                                                                | Energy Charge<br>Rs. /kWh |
|------------------------|---------------------------|----------------------------------------------------------------|---------------------------|
|                        | Unit                      | Rate                                                           |                           |
|                        |                           | load subject to a minimum of Rs. 50/-                          |                           |
| Municipalities         | HP                        | Rs. 32/HP of contracted load subject to a minimum of Rs. 100/- | 7.10                      |
| Municipal Corporations | HP                        | Rs. 32/HP of contracted load subject to a minimum of Rs. 100/- | 7.60                      |

#### 4.8 LT-VII: GENERAL

##### LT-VII (A): General Purpose

###### Applicability

4.8.1 Applicable for supply of energy to places of worship like Churches, Temples, Mosques, Gurudwaras, Crematoriums which are not covered under LT-VII(B), Government Educational Institutions and Student Hostels run by Government agencies, Charitable Institutions i.e., Public charitable trusts and societies registered under the Societies Registration Act running educational and medical institutions on a no profit basis, recognized service institutions and registered old age homes.

4.8.2 The charges applicable are shown below:

| Category                                                                                                                                                                                                                                | Fixed Charge<br>(Rs. /month)             |      | Energy Charge<br>Rs. /kWh or<br>Rs. /kVAh |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------|-------------------------------------------|
|                                                                                                                                                                                                                                         | Unit                                     | Rate |                                           |
| LT-VII (A): General Purpose                                                                                                                                                                                                             | kW                                       | 21   | 8.30                                      |
| Monthly minimum energy charges                                                                                                                                                                                                          | Rs. 50 per month for single phase supply |      |                                           |
|                                                                                                                                                                                                                                         | Rs. 150 per month for three phase supply |      |                                           |
| <i>Note:</i> Trivector meters shall be provided for all 10 kW and above load services.<br>Energy charges shall be billed on kVAh for all 10 kW & above services.<br>For loads below 10 kW, energy charges shall be billed on kWh basis. |                                          |      |                                           |

##### LT-VII (B): Wholly Religious Places

###### Applicability

4.8.3 Applicable for supply of energy to places of worship (namely Churches, Temples, Mosques, Gurudwaras) and Crematoriums.

4.8.4 Applicability of this category shall be subject to the following conditions:

- The religious institution owning the place of worship should run such place of worship on no profit basis.
- The religious institution should be registered under the Income Tax Act, 1961.



- c. The premise for the place of worship shall be structurally distinct from the premises running the activities other than the places of worship.
- d. The premise for the purpose shall not be owned by any individual (name) but shall be owned by a religious institution or association of a community i.e., a class of persons not less than 15 distinct individuals, having their names registered under one place of worship only.

4.8.5 The charges/tariff applicable are shown below:

| Category                                                          | Fixed Charge<br>(Rs. /month) |      | Energy Charge<br>Rs. /kWh or<br>Rs. /kVAh |
|-------------------------------------------------------------------|------------------------------|------|-------------------------------------------|
|                                                                   | Unit                         | Rate |                                           |
| <b>LT-VII (B): Wholly Religious Places</b>                        | kW                           | 30   | 5.00                                      |
| Minimum monthly charges shall not be levied on this sub-category. |                              |      |                                           |

#### 4.9 LT-VIII: TEMPORARY SUPPLY

##### *Applicability*

- 4.9.1 Construction activities like construction of all types of structures/infrastructure such as residential/commercial buildings (height of 10 meters and above), Row houses, Gated communities' construction by Real Estate Developers meant for sale purpose, bridges, flyovers, dams, power stations, roads, aerodromes, tunnels for laying of pipelines, etc. The relevant tariff for temporary supply shall be applicable during the phase of construction. Construction activities of structures of height less than 10 meters will fall under LT-II and HT-II, as relevant.
- 4.9.2 Exhibitions, Circuses, Outdoor film shootings, Touring talkies, Make-shift pandals for festivals, Makeshift pandals for public gatherings and such other similar activities that are set up in open areas with no permanent structure.
- 4.9.3 For buildings above 10 meters height regular supply shall be provided with a regular supply upon submission of occupancy certificate/completion certificate as per Para 21 of Hyderabad Revised Building Rules, 2006 issued vide erstwhile Andhra Pradesh G.O.Ms.No.86 dated 03.03.2006 or by any other municipal authority in the Telangana and on payment of the required charges.
- 4.9.4 The charges applicable are shown below:

| Category                         | Fixed Charge<br>(Rs. /month) |      | Energy Charge<br>Rs. /kWh or<br>Rs. /kVAh |
|----------------------------------|------------------------------|------|-------------------------------------------|
|                                  | Unit                         | Rate |                                           |
| <b>LT-VIII: Temporary Supply</b> | kW                           | 21   | 12.00                                     |

| Category                                                                                                                                                                                                                                | Fixed Charge<br>(Rs. /month) |      | Energy Charge<br>Rs. /kWh or<br>Rs. /kVAh |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------|-------------------------------------------|
|                                                                                                                                                                                                                                         | Unit                         | Rate |                                           |
| A monthly minimum energy charge at Rs.125 per kW or part thereof of the contracted load for first 30 days or part thereof and for every subsequent period of 15 days or part thereof a charge of Rs.75 per kW to be levied.             |                              |      |                                           |
| <i>Note:</i> Trivector meters shall be provided for all 10 kW and above load services.<br>Energy charges shall be billed on kVAh for all 10 kW & above services.<br>For loads below 10 kW, energy charges shall be billed on kWh basis. |                              |      |                                           |

#### 4.10 LT-IX: ELECTRIC VEHICLE CHARGING STATIONS

##### *Applicability*

4.10.1 This tariff is applicable to Electric Vehicle Charging Stations, EV Battery Swapping Stations.

4.10.2 The charges applicable to this category are shown below:

| Category                                         | Fixed Charge<br>(Rs. /month)             |      | Energy Charge<br>Rs. /kWh or<br>Rs. /kVAh |
|--------------------------------------------------|------------------------------------------|------|-------------------------------------------|
|                                                  | Unit                                     | Rate |                                           |
| <b>LT-IX: Electric Vehicle Charging Stations</b> | kW                                       | 0    | 6.00                                      |
| Minimum monthly charges                          | Rs. 65 per month for single phase supply |      |                                           |
|                                                  | Rs. 200 per month for three phase supply |      |                                           |

#### 4.11 TERMS AND CONDITIONS OF LT SUPPLY

##### 4.11.1 *General Conditions of LT Tariff:*

- Fuel Surcharge Adjustment (FSA)/Fuel Cost Adjustment (FCA) will be extra as per Regulation No.2 of 2023 as amended from time to time.
- For Categories LT-I, LT-II and LT-VII supply shall be extended on a single phase only up to 5 kW of Contracted Load.
- The Tariffs are exclusive of Electricity Duty payable as per the provisions of the Telangana Electricity Duty Act, 1939 as amended from time to time.
- The Licensee shall have the right to classify or re-classify the category of supply of energy to any premises under an appropriate category of LT Tariff.

##### 4.11.2 *Additional charges for belated payments of charges*

- The C.C. bills shall be paid by the consumers within the due date mentioned in the bill, i.e., 15 days from and including the date of the bill
- If payment is made after due date in case of LT- I(A), LT-I(B), LT-II(A), LT-II(D), LT-IV and LT-V(B), the consumers are liable to pay Delayed Payment Surcharge (DPS) per month on the bill amount at the rates given in table below:

|                                                |                 |
|------------------------------------------------|-----------------|
| LT-I(A)                                        | Rs.10 per month |
| LT-I(B), LT-II(A), LT-II(D), LT-IV and LT-V(B) | Rs.25 per month |

- c. In case of LT- II(B), LT-II(C), LT-III, LT-VI, LT-VII & LT-IX, the Licensee shall levy Delayed Payment Surcharge (DPS) on the bill amount at the rate of 5 paisa/Rs.100/day calculated from the due date mentioned on the bill, up to the date of payment or Rs.150/- whichever is higher. In case of grant of instalments, the Licensees shall levy interest at the rate of 18% per annum on the outstanding amounts compounded annually and the two (DPS and Interest) shall not be levied at the same time.
- d. Where the C.C. bills amount is not paid within 15 days from the due date the power supply is liable for disconnection.
- e. For re-connection of power supply after disconnection, the consumer has to pay reconnection fee. The re-connection charges shall not be collected without actual disconnection.

#### 4.12 CATEGORY-WISE SPECIFIC CONDITIONS OF LT TARIFF

##### *LT-I: Domestic*

- 4.12.1 Where electricity supplied to domestic premises is required to be used for non-domestic or commercial purposes, a separate connection should be taken for such loads under LT-II category, failing which the entire supply shall be charged at LT-II category tariff, apart from liability for penal charges as per the terms and conditions of the supply.
- 4.12.2 For common services like water supply, RO/sewerage treatment plant, common lights in corridors and supply for lifts in multi-storeyed buildings, consumers shall be billed electricity charges as follows:
  - a. At LT-I(B)(ii) if the plinth area occupied by the domestic consumers is 50% or more of the total plinth area.
  - b. At LT-II(B), if the plinth area occupied by the domestic consumers is less than 50% of the total plinth area.
  - c. If the service in a flat is for domestic purpose, it shall be charged at LT-I (Domestic) as applicable. If the service in a flat is for commercial or office use or any other purpose, which does not fall under any of LT-I and/or LT-III to IX, it



shall be charged at LT-II(A), II(B) or II(D) Non- Domestic/Commercial/Others as applicable.

- d. Number of service connections for common usage in multi-storeyed buildings/apartment/residential houses are limited to one and the same is to be billed under LT-I(B)(ii) or LT-II(B) as applicable.
- e. If more than one service is provided for common usage in the same premises, multi-storeyed buildings/apartment/residential houses, the consumption of all the common meters shall be clubbed and billed under LT-I(B)(ii) or LT-II(B) as applicable.

4.12.3 Single Point LT-services released to residential complexes of State Government/Central Government Departments under specific orders of Licensee with Contracted Load/Connected Load in excess of 56 kW/75 HP shall continue to be billed under LT-I(B) Domestic tariff slab rate applicable based on the average monthly energy consumption per each authorized dwelling i.e., total energy consumption in the month divided by the number of such dwelling units, in the respective residential complexes. The above orders are subject to the following conditions, namely:

- a. Orders are applicable to Police Quarters and other State/Central Government residential complexes specifically sanctioned by the Licensee.
- b. Provided that, it is at the request of the designated officer, who shall give an unconditional undertaking that he will pay up the bill for CC charges to the Licensee irrespective of collection from the individual occupants.
- c. The consumers shall be billed at the appropriate slab rate in tariff, based on the average monthly consumption per dwelling unit in the complex.
- d. Meter reading shall be taken monthly in all such cases.
- e. Customer charges calculated at corresponding rate applicable slab-wise per month for each dwelling unit shall be billed.

4.12.4 Where an individual consumer seeks to avail of supply for Domestic purpose with a connected load of over 56 kW/75 HP, such consumers may be given supply under this category subject to the following conditions:

- a. The metering shall be provided by TGDISCOMs on HT side of the distribution transformer.
- b. Meter reading shall be done monthly and the energy recorded in the HT metering shall be billed at tariff rates under LT-I(B)(ii).

***LT-II: Non-Domestic/Commercial/Others***

- 4.12.5 For loads 10 kW and above, a LT tri-vector meter shall be provided, and energy charges shall be billed on kVAh.
- 4.12.6 For loads below 10 kW, the billing shall be based on kWh only.
- 4.12.7 In respect of the complexes having connected load of more than 56 kW/75 HP released under specific orders of Licensee for a Single Point Bulk supply, where such complex is under the control of a specified organization/agency taking responsibility to pay monthly current consumption bills regularly and abide by the Terms and Conditions of supply as per the agreement, the billing shall be done at the highest slab tariff rate under LT-II(B). The energy shall be measured on the HT side of the transformer. Where energy measured on LT side of the transformer, 3% of the recorded energy during the month shall be added to arrive at the consumption on High Tension side of the transformer.

***LT-III: Industry***

- 4.12.8 The connected load shall not exceed the contracted load specified in the agreement as per sanction accorded for the service. The fixed charges shall be computed based on the contracted Load or actual Recorded Demand whichever is higher. For the purpose of billing, 1 kVA shall be treated as equal to 1 kW.
- 4.12.9 Sugarcane Crushing: Sugar cane crushing operations will be allowed under the existing agricultural connections with the specific permission from DE (Operation) concerned.
- 4.12.10 Metering and Load Conditions:
- A LT Tri-vector meter shall be provided for the consumers with contracted load of 10 kW/13 HP to 37.5 kW/50 HP.
  - For loads above 37.5 kW/50 HP to 75 kW/100 HP (93 kW/125 HP for Rice Mills), the metering shall be provided on HT side of the Distribution Transformer.
  - Energy charges shall be billed on kVAh basis, for all consumers with contracted load of 10 kW/13 HP and above. For loads below 10 kW/13 HP, billing shall be done based on kWh.
  - Where the recorded demand of any service connection under this category exceeds the 75 kVA (93 kVA for Rice Mills) (1 kVA = 1 kW), such recorded demand shall be billed at the demand charge prescribed under HT-I (11 kV supply)

with notice.

- e. Where metering is provided on LT side of transformer (due to space constraints), 3% of the recorded energy during the month shall be added to arrive at the consumption on High Tension side of the transformer.

### ***Seasonal Industries***

- 4.12.11 Consumers, classified as seasonal load consumers, who are desirous of availing of the seasonal benefits shall specifically declare their season at the time of entering into the agreement that their loads should be classified as seasonal loads.
- 4.12.12 The period of season shall not be less than four (4) continuous months. However, consumer can declare a longer seasonal period as per actuals.
- 4.12.13 Existing eligible consumers who have not opted earlier for availing of seasonal tariffs will also be permitted to opt for seasonal tariff on the basis of application to the concerned Divisional Engineer of the Licensee.
- 4.12.14 A consumer, who desires to have a change in the period classified as “season” declared by him, shall file a declaration at least a month before commencement of the respective tariff year.
- 4.12.15 The seasonal period once notified cannot be changed, during one Tariff year.
- 4.12.16 The off-season tariff is not available to composite units having seasonal and other categories of loads.
- 4.12.17 Any consumer who after declaring the period of season consumes power for his main plant during the off-season period, shall not be entitled to this concession during that tariff year.
- 4.12.18 Development charges as applicable to regular LT consumers shall be paid by the consumers for availing of supply under the above said category with seasonal benefits. The consumers who have paid the development charges already as regular consumers need not pay the development charges.

### ***LT-V: Agricultural***

- 4.12.19 Agricultural consumers are permitted to use one lamp of 15 watts or three lamps of 5 watts each, near the main switch as pilot lamps.



4.12.20 Supply to the LT Agricultural services will be suitably regulated as notified by the Licensee from time to time.

4.12.21 Measures include frictionless foot valve, capacitor of adequate rating, HDPE or RPVC piping at suction and/or delivery and ISI marked mono-block or submersible pump set.

4.12.22 All new connections shall be given only if the farmer uses a five (5) star rated pump and complies with the DSM measures and with meters.

#### ***LT-VI: Street lighting and PWS Schemes***

##### ***LT-VI(A): Street lighting***

4.12.23 The cost of fittings shall be borne or paid for by the Local bodies. The responsibility for maintenance including renewals and replacements rests with the Local bodies viz., Panchayats, Municipalities, Municipal Corporations etc.

4.12.24 Where the cost of fittings is borne by the Licensee, the first supply of filament lamps, fluorescent tubes, mercury vapor lamps including special type lamps along with their fittings will be made by the Licensee at its cost. In such cases, consumer (Local bodies) will have to pay fixed charges. However, where the cost of fittings is borne by the consumer, but maintenance is done by the Licensee, the consumer will have to pay the fixed charges. The details of the fixed charges to be paid in each case are detailed below:

| Sl. No. | Fittings for                         | Fixed charges Per Month where the cost of fittings is borne by Licensee | Fixed charges per month where the cost of fittings is borne by the Local Body but maintenance by Licensee |
|---------|--------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|         |                                      | Rs.                                                                     | Rs.                                                                                                       |
| 1       | Ordinary Filament Lamp               | 2                                                                       | 1                                                                                                         |
| 2       | Fluorescent Lamp 40 W Single Fixture | 7                                                                       | 4                                                                                                         |
| 3       | Fluorescent Lamp 40 W Double Fixture | 8                                                                       | 4                                                                                                         |
| 4       | M.V. Lamps 80 W Fixture              | 12                                                                      | 6                                                                                                         |
| 5       | M.V. Lamps 125 W Fixture             | 15                                                                      | 8                                                                                                         |
| 6       | M.V. Lamps 250 W Fixture             | 45                                                                      | 23                                                                                                        |
| 7       | M.V. Lamps 400 W Fixture             | 50                                                                      | 25                                                                                                        |

4.12.25 The replacement of filament lamps, fluorescent tubes, mercury vapor and other special type of lamps will be done by the Local Body at its cost. However, in urban areas till such time the Municipalities and Corporations make their own arrangements for such

replacements the Licensee may, if the consumer so desires, carry out the replacement provided the Local Body supplies the lamps and tubes. The consumer will in such cases be billed for labour charges at the rate of Rs.2 per replacement. However, in rural areas, such replacement of bulbs supplied by the Local Body will be made by the Licensee without collecting labour charges. For this purpose, the area coming under Gram Panchayat shall constitute the 'Rural Area'.

4.12.26 **Additional Charges:** Every local body shall pay an additional charge equivalent to any tax or fee levied by it under the provisions of any law including the Corporation Act, District Municipalities Act or Gram Panchayat Act on the poles, lines, transformers and other installations through which the local body receives the supply.

#### ***LT-VIII: Temporary Supply***

4.12.27 Temporary supply can be given on the request of a consumer initially for a period up to one year as per the tariff applicable under the temporary supply category. After the expiry of one year, the consumer is at liberty to seek further extension.

4.12.28 Requests for temporary supply of energy cannot be considered unless there is a clear notice of at least one week in the case of domestic and three months in case of other types of supply. If supply is required at a short notice, in addition to the applicable electricity charges, an urgency charge, as specified in miscellaneous charges is also to be paid.

4.12.29 Estimated cost of the works means the cost of works for making the necessary arrangements for supplying energy including the cost of distribution lines, switchgear, metering equipment, etc., as may be worked out on the basis of standards and norms prescribed by the Licensee, from time to time plus cost of dismantling the lines and other works when the supply is no more required less the cost of retrievable material.

4.12.30 (a) Estimated cost of the works, as detailed above, shall be paid by the consumer in advance. After the works are dismantled and retrievable materials returned to stores, a bill for the actual amount payable by the consumer shall be prepared and the difference shall be collected from or refunded to the consumer, as the case may be. No development charges shall be collected for temporary supply.

(b) In addition to the aforesaid charges payable by consumers availing of temporary supply, they shall pay hire charges at 2% on cost of retrievable material per month or

part thereof, for the duration of temporary supply. These charges shall be claimed along with the consumption bills.

4.12.31 (a) The consumer requiring supply on temporary basis shall be required to deposit in advance, in addition to the estimated cost of works, the estimated consumption charges at the rate stipulated in Tariff Order for Temporary supply, and worked out on the basis for use of electricity by the consumer for six (6) hours per day for a period of two (2) months in case the supply is required for more than ten (10) days. If the period of temporary supply is for ten (10) days or less, the advance consumption charges for the actual period requisitioned shall be paid.

(b) The Bill for electricity consumed in any month shall be prepared at the tariff applicable plus hire charges as mentioned above in 4.12.30(b). The consumers have to pay monthly CC charges regularly during the period of availing of temporary supply and the estimated energy consumption deposit shall be adjusted with the last month consumption and the balance if any shall be refunded.

(c) In the case of consumers requiring temporary supply for the purposes of Cinema, the estimated energy charges for a minimum period of three (3) months shall have to be deposited by the consumer subject to the condition that the consumer shall pay every month energy and other miscellaneous charges for the preceding month and the amount deposited by him in advance shall be adjusted with the last month consumption and the balance amount shall be refunded.

(d) In the event of estimated energy charges deposited by the consumer having been found insufficient, the consumer shall deposit such additional amount, as may be demanded by the Licensee failing which the Licensee may discontinue the supply of electricity.

4.12.32 **Estimated cost of works and estimated energy charges:** These charges shall be paid in advance by the consumer in accordance with the procedure prescribed above.

4.12.33 **Regular consumers requiring temporary additional supply:** In cases where consumers availing of regular supply of energy require additional supply for temporary period, the additional supply shall be given as a temporary service under a separate connection and charged as such in accordance with the above procedure.



***LT-IX: Electric Vehicle Charging Stations***

4.12.34 The connected load shall not exceed the contracted load specified in the agreement as per sanction accorded for the service. The fixed charges shall be computed based on the contracted Load or actual Recorded Demand whichever is higher. For the purpose of billing, 1 kVA shall be treated as equal to 1 kW.

4.12.35 Metering and Load Conditions:

- a. A LT Tri-vector meter shall be provided for the consumers with contracted load of 10 kW up to 56 kW.
- b. For loads above 56 kW up to 150 kW the metering shall be provided on HT side of the Distribution Transformer. Where metering is provided on LT side of transformer (due to space constraints), 3% of the recorded energy during the month shall be added to arrive at the consumption on High Tension side of the transformer.
- c. Energy charges shall be billed on kVAh basis, for all consumers with contracted load of 10 kW and above. For loads below 10 kW billing shall be done based on kWh.
- d. Where the recorded demand of any service connection under this category exceeds the 150 kW such entire demand recorded shall be billed at the demand charge prescribed under HT-IX (11 kV supply) with notice.

**4.13 OTHER CHARGES IN LT*****Service Connection Charges***

4.13.1 The service connection charges shall be collected as per the Regulations issued by the Commission from time to time. Service connection wires for LT-V Irrigation and Agricultural purposes shall be laid collecting an amount of Rs.25/- per HP of contracted load towards service connection charges.

***Reconnection Charges***

| LT Service           | Charges (Rs.) |
|----------------------|---------------|
| LT-I(A)              | 25            |
| Overhead LT services | 75            |
| U.G. services        | 200           |

**Testing Charges**

| <b>Installation</b>                                                                                                                                                                              | <b>Charges (Rs.)</b> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| The first test and inspection of a new installation or of an extension to an existing installation.                                                                                              | Nil                  |
| Charges payable by the consumer in advance for each subsequent test and/or inspection if found necessary owing to any fault in the installation or to non-compliance of the conditions of supply | 20                   |
| <b>Meter</b>                                                                                                                                                                                     | <b>Charges (Rs.)</b> |
| Single Phase Energy meter                                                                                                                                                                        | 100                  |
| Three Phase Energy meter                                                                                                                                                                         | 300                  |
| LT TriVector meter                                                                                                                                                                               | 2,000                |

**Service Call Charges**

| <b>Charges for attendance of fuse man for LT Consumers</b>                                                                                                                  | <b>Charges (Rs.)</b>                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Replacing of Licensee's cut out fuses                                                                                                                                       | Nil                                                                   |
| Replacing of consumer's fuses                                                                                                                                               | 3                                                                     |
| Charges for attendance of fuse man/Wireman at the consumer's premises during any function or temporary illumination provided a Fuse man/Wireman can be spared for such work | Rs. 100 for each day or part thereof.                                 |
| Charges for infructuous visit of Licensee employees to the consumer's premises                                                                                              | Rs. 25 for each visit when there is no defect in Licensee's equipment |

**Miscellaneous Charges**

| <b>Application Registration Fees</b>                                                                                                                                                                                                                                                   | <b>Charges (Rs.)</b> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| For LT Agricultural & Domestic                                                                                                                                                                                                                                                         | 25                   |
| For all other LT Categories                                                                                                                                                                                                                                                            | 50                   |
| Revision of estimates                                                                                                                                                                                                                                                                  | 10                   |
| Fee for re-rating of consumer's installation at the request of the consumer.<br><i>This does not include the additional charges payable by the consumer for increasing his connected load in excess of the contracted load, as provided in General Terms and conditions of supply.</i> | 20                   |
| <b>Resealing of</b>                                                                                                                                                                                                                                                                    |                      |
| LT Meter Cut outs in the consumer's Premises                                                                                                                                                                                                                                           | 5                    |
| M.D. Indicator meters and other apparatus in the consumer's premises. For all other LT Categories                                                                                                                                                                                      | 100                  |
| The aforesaid charges do not include the additional charges payable by the consumer for breaking the seals                                                                                                                                                                             |                      |

| Application Registration Fees                                                                                           | Charges (Rs.)                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| For changing meter only at the request of the consumer (where it is not necessitated by increase in demand permanently) | 25                                                                                               |
| For changing or moving a meter board                                                                                    | Actual cost of material and labour plus 25% supervision charges on cost of materials and labour. |

### Customer Charges

| Consumer category                                                               | Rs. /Month                                                                                             |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>LT-I: Domestic (Units/month)</b>                                             |                                                                                                        |
| 0-50                                                                            | 40                                                                                                     |
| 51-100                                                                          | 70                                                                                                     |
| 101-200                                                                         | 90                                                                                                     |
| 201-300                                                                         | 100                                                                                                    |
| 301-400                                                                         | 120                                                                                                    |
| 401-800                                                                         | 140                                                                                                    |
| Above 800 units                                                                 | 160                                                                                                    |
| <b>LT-II: Non-Domestic/Commercial/Others (Units/month)</b>                      |                                                                                                        |
| 0-50                                                                            | 50                                                                                                     |
| 51-100                                                                          | 90                                                                                                     |
| 101-300                                                                         | 105                                                                                                    |
| 301-500                                                                         | 120                                                                                                    |
| Above 500 units                                                                 | 160                                                                                                    |
| <b>LT-II(C): Advertisement Hoardings</b>                                        | 160                                                                                                    |
| <b>LT-II(D): Hair cutting Salons with consumption up to 200 units per month</b> |                                                                                                        |
| 0-50                                                                            | 45                                                                                                     |
| 51-100                                                                          | 55                                                                                                     |
| 101-200                                                                         | 65                                                                                                     |
| LT-III: Industry up to 20 HP                                                    | 100                                                                                                    |
| LT-III: Industry 21-50 HP                                                       | 350                                                                                                    |
| LT-III: Industry 51-125 HP                                                      | 1,200                                                                                                  |
| LT-IV: Cottage Industries                                                       | 50                                                                                                     |
| LT-V: Agricultural                                                              | 30                                                                                                     |
| LT-VI: Street Lighting & PWS                                                    | 120                                                                                                    |
| LT-VII: General                                                                 | 100                                                                                                    |
| LT-VIII: Temporary Supply                                                       | 100                                                                                                    |
| LT-IX: Electric Vehicle Charging Stations                                       | 120                                                                                                    |
| Urgency charges for temporary supply at short notice                            | 100                                                                                                    |
| Special rates chargeable for theft/pilferage and malpractice cases              | As per the General Terms and Conditions of Supply (GTCS) approved by the Commission from time to time. |

### Supervision/Inspection & Checking Charges

| Consumer category     | Rs. /Month |
|-----------------------|------------|
| For LT-I(A): Domestic | 100        |



| Consumer category           | Rs. /Month |
|-----------------------------|------------|
| For LT-I(B): Domestic       | 100        |
| For LT-V: Agricultural      | 100        |
| For all other LT Categories | 100        |

#### 4.14 MISCELLANEOUS WORKS IN LT

- 4.14.1 The charges for any work which the Licensee may be required to undertake for the consumer and which is not included in the foregoing schedule, shall be the actual cost of labour and material plus 25% on cost of labour and material to cover overhead charges. The aforesaid charges shall be paid by the consumer in advance.

#### 4.15 POWER FACTOR APPARATUS AND CAPACITOR SURCHARGE FOR LT

- 4.15.1 Every LT consumer not provided with Tri-vector meters, except LT-I Domestic, using induction motors and/or welding transformers shall install shunt capacitors of the rating specified by the Licensees in the General Terms and Conditions of Supply (GTCS) approved by the Commission from time to time. In case the rated capacity of the induction motor or welding transformer falls in between the steps of the stipulated ratings, the capacitors suitable for the next higher step shall be installed by the consumer.
- 4.15.2 The failure on part of the consumer with the above requirement shall be treated as violation of the terms and conditions of supply and the Licensee can terminate the contract and collect the sum equivalent to the minimum charges for the balance initial period of agreement, apart from disconnection of supply as provided in the General Terms and Conditions of Supply.
- 4.15.3 In the case of LT consumers (except LT Domestic, LT-IV, LT-VI(A), LT-VII(B)) not covered by kVAh billing, if during inspection, no capacitor is found, or the capacitors already installed are found damaged or having defect or ceased to function, such consumer shall be liable to pay capacitor surcharge at 25% of the monthly bill amount, as per the terms and conditions of supply notified by the licensee and Licensees shall not levy LPF surcharge.
- 4.15.4 LT consumers, except LT-I Domestic, who are provided with metering capable of measuring active and reactive power under the orders of the Commission, shall maintain their power factor preferably in between 0.95 lag and 0.95 lead in the interest of the system security. The consumers should not maintain the power factor on leading

side less than 0.95. If any consumer maintains the power factor less than 0.95 lead for a period of 2 consecutive months, it must be brought back in the range of  $\pm 0.95$  within a period of 3 months failing which without prejudice to such other rights as having accrued to the Licensee or any other right of the Licensee, the supply to the consumer may be discontinued.

### ***PART B: HT-TARIFFS***

These tariffs are applicable for supply of Electricity to HT consumers, having loads with a contracted demand of 70 kVA and above and/or having a contracted load exceeding 56 kW/75 HP, excluding LT-III industrial and LT-IX EV Charging Station categories. For LT-III Industrial category having contracted load of more than 100 HP/125 HP as applicable and for LT-IX EV Charging Stations having Contracted Load of more than 150 kW/ 201 HP as applicable, the HT tariffs are applicable.

#### **4.16 HT-I: INDUSTRY**

##### ***Applicability***

- 4.16.1 This tariff is applicable for supply to all HT consumers using electricity for industrial purpose. Industrial purpose shall mean manufacturing, processing and/or preserving goods for sale, but shall not include shops, Business Houses, Offices, Public Buildings, Hospitals, Hotels, Hostels, Choultries, Restaurants, Clubs, Theatres, Cinemas, Printing Presses, Photo Studios, Research & Development Institutions, Airports, Bus stations, Railway stations and other similar premises (The enumeration above is illustrative but not exhaustive) not withstanding any manufacturing, processing or preserving goods for sale.
- 4.16.2 This tariff shall also apply to:
- a. Water Works & Sewerage Pumping Stations operated by the Government Departments or Co-operative Societies and pump sets of Railways, pumping of water by industries as subsidiary function and sewerage pumping stations operated by local bodies.
  - b. Workshops (involving activity of manufacturing), bus depots of TGSRTC, servicing and repairing centres of TGSRTC, cold storages, flour mills, oil mills, saw mills, Ice candy, Ice manufacturing units with or without sale outlets.
  - c. These shall not be included in HT-I(A) category: All servicing & repairing centres other than that of TGSRTC, bus depots other than that of TGSRTC, gas/oil

storage/transfer stations, warehouses/godowns/storage units (except for cold storages), etc.

- d. The Information Technology (IT) units identified and approved by the Consultative Committee on IT Industry (CCITI) constituted by Government of Telangana.
- e. Newspaper printing units.
- f. Poultry Farming Units.
- g. Pisciculture and Prawn culture units.

#### HT-I(A): Industry – General

4.16.3 A time-of-day tariff of Rs. 1.50 per kVAh in addition to the normal energy charges at respective voltages is applicable during peak hours of 06:00 am to 10:00 am and 06:00 pm to 10:00 pm. An incentive of Rs.0.50 per kVAh to the normal energy charges at respective voltages is applicable during the daytime i.e., from 10:00 am to 06:00 pm. The normal energy charges for respective voltages are applicable during 10:00 pm to 06:00 am.

4.16.4 The normal energy charges applicable (for this category other than Poultry farms) between 10:00 pm and 6:00 am are as follows:

| Category                                                             | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|----------------------------------------------------------------------|-----------------------------|------|----------------------------|
|                                                                      | Unit                        | Rate |                            |
| HT-I(A): Industry General                                            |                             |      |                            |
| 11 kV                                                                | kVA                         | 500  | 7.65                       |
| 33 kV                                                                | kVA                         | 500  | 7.15                       |
| 132 kV and above                                                     | kVA                         | 500  | 6.65                       |
| *Demand charge is calculated at Rs. /kVA/month of the Billing Demand |                             |      |                            |

4.16.5 The energy charges applicable (for this category other than Poultry farms) during the peak hours and daytime hours are shown below:

| Category                                  | Demand Charge (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|-------------------------------------------|----------------------------|------|----------------------------|
|                                           | Unit                       | Rate |                            |
| HT-I: Time of Day Tariffs (6 AM to 10 AM) |                            |      |                            |
| 11 kV                                     |                            |      | 9.15                       |
| 33 kV                                     |                            |      | 8.65                       |
| 132 kV and above                          |                            |      | 8.15                       |
| HT-I: Time of Day Tariffs (6 PM to 10 PM) |                            |      |                            |
| 11 kV                                     |                            |      | 9.15                       |
| 33 kV                                     |                            |      | 8.65                       |
| 132 kV and above                          |                            |      | 8.15                       |
| HT-I: Time of Day Tariffs (10 AM to 6 PM) |                            |      |                            |



| Category         | Demand Charge (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|------------------|----------------------------|------|----------------------------|
|                  | Unit                       | Rate |                            |
| 11 kV            |                            |      | 7.15                       |
| 33 kV            |                            |      | 6.65                       |
| 132 kV and above |                            |      | 6.15                       |

#### **HT-I(A): Industry – General – Optional Category for contract maximum demand upto 150 kVA**

4.16.6 This Optional category is applicable to HT-I Industry-General consumers whose contracted maximum demand is up to 150 kVA and availing supply at 11 kV only. The consumers who qualify under this category are free to opt to remain under HT-1(A) or choose this Optional sub-category.

4.16.7 The electricity charges applicable are as follows:

| Category                                                                                         | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|--------------------------------------------------------------------------------------------------|-----------------------------|------|----------------------------|
|                                                                                                  | Unit                        | Rate |                            |
| HT-I(A): Industry General – General – Optional Category for contract maximum demand upto 150 kVA |                             |      |                            |
| 11 kV                                                                                            | kVA                         | 100  | 8.00                       |
| * Demand charge is calculated at Rs. /kVA/month of the Billing Demand                            |                             |      |                            |

4.16.8 Services under HT-I (Optional) Category can be converted to HT-I Industrial (General) and levy penalty for exceeding CMD under following conditions duly following the General Terms and Conditions of Supply (GTCS):

*if any consumer who is availing supply under HT-I Optional category exceeding CMD in 2 billing cycles in the consecutive months*

*(or)*

*if the consumer exceeds CMD in any 3 billing cycles in a financial year.*

Upon such conversion, the converted category of HT-I Industrial (General) shall remain unchanged for a period of one year from the date of such conversion. However, consumer may be permitted to opt HT-I (Optional) category upon duly filing fresh application for change of category.

4.16.9 A consumer cannot fall both under HT-I Optional sub-category with a load up to 150 kVA and HT Seasonal Industry at the same time. A consumer who has chosen the HT-I Optional Sub-Category with a load up to 150 kVA, cannot be charged any other tariff than that approved for optional category

**HT-I(A): Industry – General - Poultry farms**

4.16.10 A time-of-day tariff of Rs. 1.50 per kVAh in addition to the normal energy charges at respective voltages is applicable during peak hours of 06:00 am to 10:00 am and 06:00 pm to 10:00 pm. An incentive of Rs.0.50 per kVAh to the normal energy charges at respective voltages is applicable during the daytime i.e., from 10:00 am to 06:00 pm. The normal energy charges for respective voltages are applicable during 10:00 pm to 06:00 am:

4.16.11 The normal energy charges applicable for Poultry farms, between 10:00 pm and 6:00 am are as follows:

| Category                                                              | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|-----------------------------------------------------------------------|-----------------------------|------|----------------------------|
|                                                                       | Unit                        | Rate |                            |
| HT-I(A): Poultry Farms                                                |                             |      |                            |
| 11 kV                                                                 | kVA                         | 500  | 7.65                       |
| 33 kV                                                                 | kVA                         | 500  | 7.15                       |
| * Demand charge is calculated at Rs. /kVA/month of the Billing Demand |                             |      |                            |

4.16.12 The energy charges applicable for Poultry farms, during the peak hours and daytime hours is shown below:

| Category                                  | Demand Charge (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|-------------------------------------------|----------------------------|------|----------------------------|
|                                           | Unit                       | Rate |                            |
| HT-I: Time of Day Tariffs (6 AM to 10 AM) |                            |      |                            |
| 11 kV                                     |                            |      | 9.15                       |
| 33 kV                                     |                            |      | 8.65                       |
| HT-I: Time of Day Tariffs (6 PM to 10 PM) |                            |      |                            |
| 11 kV                                     |                            |      | 9.15                       |
| 33 kV                                     |                            |      | 8.65                       |
| HT-I: Time of Day Tariffs (10 AM to 6 PM) |                            |      |                            |
| 11 kV                                     |                            |      | 7.15                       |
| 33 kV                                     |                            |      | 6.65                       |

**Colony Consumption**

4.16.13 The consumption of energy exclusively for the residential colony/township in a month, separately metered with meters installed by the consumer and tested and sealed by the Licensee shall be billed at Rs. 7.30 per kVAh.

4.16.14 In case segregation of colony consumption has not been done, 15% of the total energy consumption shall be billed at Rs. 7.30 per kVAh and the balance kVAh shall be charged at the corresponding energy tariff under HT-I(A): Industry - General.

4.16.15 Wherever possible colonies of Industry shall be given a separate HT service under HT-

## VI: Townships and Residential Colonies.

**Seasonal Industries coming under HT-I(A)**

4.16.16 Where a consumer avails supply of energy for manufacture of sugar or ice or salt, decorticating, ginning and pressing, cotton seed oil mills, seed processing, fruit processing, tobacco processing and re-drying and for such other industries or processes as may be approved by the Commission from time to time principally during certain seasons or limited periods in the tariff year and the main plant is regularly closed down during certain months, such consumer shall be charged for the months during which the plant is shutdown (which period shall be referred to as the off-season period) as follows:

| Category                                                                                                                                                                            | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------|----------------------------|
|                                                                                                                                                                                     | Unit                        | Rate |                            |
| HT-I(A): Seasonal Industries                                                                                                                                                        |                             |      |                            |
| 11 kV                                                                                                                                                                               | kVA                         | 500  | 8.60                       |
| 33 kV                                                                                                                                                                               | kVA                         | 500  | 7.90                       |
| 132 kV and above                                                                                                                                                                    | kVA                         | 500  | 7.70                       |
| *Demand charge is calculated at Rs. /kVA/month of the Billing Demand.<br>Billing Demand is based on Recorded Maximum Demand or 30% of the Contracted Demand<br>whichever is higher. |                             |      |                            |

**HT-I(B): Ferro Alloys**

| Category                                                               | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|------------------------------------------------------------------------|-----------------------------|------|----------------------------|
|                                                                        | Unit                        | Rate |                            |
| HT-I(B): Ferro Alloys                                                  |                             |      |                            |
| 11 kV                                                                  | kVA                         | 500  | 7.65                       |
| 33 kV                                                                  | kVA                         | 500  | 7.15                       |
| 132 kV and above                                                       | kVA                         | 500  | 6.65                       |
| * Demand charge is calculated at Rs. /kVA/month of the Billing Demand. |                             |      |                            |

**4.17 HT-II (A): OTHERS****Applicability**

4.17.1 This tariff is applicable to:

- All HT Consumers other than those covered under HT-I and HT-III to HT-IX.
- Consumers who undertake non-domestic activity,
- Consumers who undertake Commercial activity,
- Consumers who avail supply of energy for lighting, fans, heating, air conditioning and power appliances in Commercial or Non-Domestic premises.



*For example, shops, business houses, offices, public buildings, hospitals, hostels, hotels, choultries, restaurants, clubs, theatres, cinema halls, timber depots, photo studios, printing presses, all servicing & repairing centres (other than that of TGSRTC), bus depots (other than that of TGSRTC), laundries, dry cleaning units. Gas/oil storage/transfer stations, warehouses, godowns (other than cold storage godowns), storage units or of similar nature and educational institutions run by individuals, Non-Government Organizations or Private Trusts and their student hostels are also classified under this category.*

4.17.2 A time-of-day tariff of Rs. 1.50 per kVAh in addition to the normal energy charges at respective voltages is applicable during peak hours of 06:00 am to 10:00 am and 06:00 pm to 10:00 pm. An incentive of Rs.0.50 per kVAh to the normal energy charges at respective voltages is applicable during the daytime i.e., from 10:00 am to 06:00 pm. The normal energy charges for respective voltages are applicable during 10:00 pm to 06:00 am:

4.17.3 The normal energy charges applicable for HT-II (A) Others, between 10:00 pm and 6:00 am are as follows:

| Category                                                               | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|------------------------------------------------------------------------|-----------------------------|------|----------------------------|
|                                                                        | Unit                        | Rate |                            |
| HT-II (A): OTHERS                                                      |                             |      |                            |
| 11 kV                                                                  | kVA                         | 500  | 8.80                       |
| 33 kV                                                                  | kVA                         | 500  | 8.00                       |
| 132 kV and above                                                       | kVA                         | 500  | 7.80                       |
| * Demand charge is calculated at Rs. /kVA/month of the Billing Demand. |                             |      |                            |

4.17.4 The energy charges applicable for HT-II (A) Others, during the peak hours and daytime hours is shown below:

| Category                                       | Demand Charge (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|------------------------------------------------|----------------------------|------|----------------------------|
|                                                | Unit                       | Rate |                            |
| HT-II (A): Time of Day Tariffs (6 AM to 10 AM) |                            |      |                            |
| 11 kV                                          |                            |      | 10.30                      |
| 33 kV                                          |                            |      | 9.50                       |
| 132 kV and above                               |                            |      | 9.30                       |
| HT-II (A): Time of Day Tariffs (6 PM to 10 PM) |                            |      |                            |
| 11 kV                                          |                            |      | 10.30                      |
| 33 kV                                          |                            |      | 9.50                       |
| 132 kV and above                               |                            |      | 9.30                       |
| HT-II (A): Time of Day Tariffs (10 AM to 6 PM) |                            |      |                            |
| 11 kV                                          |                            |      | 8.30                       |
| 33 kV                                          |                            |      | 7.50                       |
| 132 kV and above                               |                            |      | 7.30                       |

*Explanation: In respect of Government controlled Auditoriums and Theatres run by public charitable institutions for purpose of propagation of art and culture which are not let out with a profit motive and in respect of other Public Charitable Institutions rendering totally free service to the general public and the crematoriums operated and maintained by the local bodies, the overall kVAh rate (including customer charges) may be limited to the tariff rates under LT-VII: General purpose, in specific cases as decided by the Licensee.*

#### 4.18 HT-II(B): WHOLLY RELIGIOUS PLACES

##### Applicability

4.18.1 This tariff is applicable to:

- places of worship (namely Churches, Temples, Mosques, Gurudwaras) and Crematoriums.
- Religious institution owning the place of worship should run such place of worship on no profit basis.
- Religious institution should be registered under the Income Tax Act, 1961.
- Premise for the place of worship shall be structurally distinct from the premises running the activities other than the places of worship.
- Premise for the purpose shall not be owned by any individual (name) but shall be owned by a religious institution or association of a community i.e., a class of persons not less than 15 distinct individuals, having their names registered under one place of worship only.

4.18.2 A time-of-day tariff of Rs. 1.50 per kVAh in addition to the normal energy charges at respective voltages is applicable during peak hours of 06:00 am to 10:00 am and 06:00 pm to 10:00 pm. An incentive of Rs.0.50 per kVAh to the normal energy charges at respective voltages is applicable during the daytime i.e., from 10:00 am to 06:00 pm. The normal energy charges for respective voltages are applicable during 10:00 pm to 06:00 am:

4.18.3 The normal energy charges applicable for HT-II(B) Wholly Religious Places, between 10:00 pm and 6:00 am are as follows:

| Category                          | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|-----------------------------------|-----------------------------|------|----------------------------|
|                                   | Unit                        | Rate |                            |
| HT-II(B): Wholly Religious Places |                             |      |                            |
| 11 kV                             | kVA                         | 285  | 5.00                       |

| Category                                                               | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|------------------------------------------------------------------------|-----------------------------|------|----------------------------|
|                                                                        | Unit                        | Rate |                            |
| 33 kV                                                                  | kVA                         | 285  | 5.00                       |
| 132 kV and above                                                       | kVA                         | 285  | 5.00                       |
| * Demand charge is calculated at Rs. /kVA/month of the Billing Demand. |                             |      |                            |

4.18.4 The energy charges applicable for HT-II(B) Wholly Religious Places, during the peak hours and daytime hours are shown below:

| Category                                      | Demand Charge (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|-----------------------------------------------|----------------------------|------|----------------------------|
|                                               | Unit                       | Rate |                            |
| HT-II(B): Time of Day Tariffs (6 AM to 10 AM) |                            |      |                            |
| 11 kV                                         |                            |      | 6.50                       |
| 33 kV                                         |                            |      | 6.50                       |
| 132 kV and above                              |                            |      | 6.50                       |
| HT-II(B): Time of Day Tariffs (6 PM to 10 PM) |                            |      |                            |
| 11 kV                                         |                            |      | 6.50                       |
| 33 kV                                         |                            |      | 6.50                       |
| 132 kV and above                              |                            |      | 6.50                       |
| HT-II(B): Time of Day Tariffs (10 AM to 6 PM) |                            |      |                            |
| 11 kV                                         |                            |      | 4.50                       |
| 33 kV                                         |                            |      | 4.50                       |
| 132 kV and above                              |                            |      | 4.50                       |

#### 4.19 HT-III: AIRPORTS, RAILWAY STATIONS AND BUS STATIONS

##### *Applicability*

- 4.19.1 This tariff is applicable to Airports, Railway stations and Bus stations.
- 4.19.2 A time-of-day tariff of Rs. 1.50 per kVAh in addition to the normal energy charges at respective voltages is applicable during peak hours of 06:00 am to 10:00 am and 06:00 pm to 10:00 pm. An incentive of Rs.0.50 per kVAh to the normal energy charges at respective voltages is applicable during the daytime i.e., from 10:00 am to 06:00 pm. The normal energy charges for respective voltages are applicable during 10:00 pm to 06:00 am:
- 4.19.3 The normal electricity charges applicable for HT-III Airports, Railway stations and Bus stations, between 10:00 pm and 6:00 am are as follows:

| Category                                                               | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|------------------------------------------------------------------------|-----------------------------|------|----------------------------|
|                                                                        | Unit                        | Rate |                            |
| HT-III: Airports, Railway Stations and Bus Stations                    |                             |      |                            |
| 11 kV                                                                  | kVA                         | 500  | 8.50                       |
| 33 kV                                                                  | kVA                         | 500  | 7.85                       |
| 132 kV and above                                                       | kVA                         | 500  | 7.45                       |
| * Demand charge is calculated at Rs. /kVA/month of the Billing Demand. |                             |      |                            |



4.19.4 The energy charges applicable for HT-III Airports, Railway stations and Bus stations, during the peak hours and daytime hours are shown below:

| Category                                    | Demand Charge (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|---------------------------------------------|----------------------------|------|----------------------------|
|                                             | Unit                       | Rate |                            |
| HT-III: Time of Day Tariffs (6 AM to 10 AM) |                            |      |                            |
| 11 kV                                       |                            |      | 10.00                      |
| 33 kV                                       |                            |      | 9.35                       |
| 132 kV and above                            |                            |      | 8.95                       |
| HT-III: Time of Day Tariffs (6 PM to 10 PM) |                            |      |                            |
| 11 kV                                       |                            |      | 10.00                      |
| 33 kV                                       |                            |      | 9.35                       |
| 132 kV and above                            |                            |      | 8.95                       |
| HT-III: Time of Day Tariffs (10 AM to 6 PM) |                            |      |                            |
| 11 kV                                       |                            |      | 8.00                       |
| 33 kV                                       |                            |      | 7.35                       |
| 132 kV and above                            |                            |      | 6.95                       |

## 4.20 HT-IV: IRRIGATION, AGRICULTURE & CPWS SCHEMES

### HT-IV(A): Irrigation and Agriculture

#### Applicability

4.20.1 This tariff is applicable to lift irrigation schemes managed by the Government of Telangana and for consumers availing of HT supply for Irrigation and Agricultural purposes.

| Category                                                               | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|------------------------------------------------------------------------|-----------------------------|------|----------------------------|
|                                                                        | Unit                        | Rate |                            |
| HT-IV(A): Irrigation and Agriculture                                   |                             |      |                            |
| 11 kV                                                                  | kVA                         | 300  | 6.30                       |
| 33 kV                                                                  | kVA                         | 300  | 6.30                       |
| 132 kV and above                                                       | kVA                         | 300  | 6.30                       |
| * Demand charge is calculated at Rs. /kVA/month of the Billing Demand. |                             |      |                            |

4.20.2 Demand Charges would be levied on higher of 80% of Contracted Maximum Demand (CMD) or Recorded Maximum Demand (RMD) for operational months – July to November (5 months).

4.20.3 Demand Charges would be levied on higher of 25% of CMD or RMD for non-operational months – December to June (7 months).

### HT-IV(B): CPWS Schemes

#### Applicability

4.20.4 This tariff is applicable to energy consumption by HT services pertaining to Composite

Protected Water Supply (CPWS) Schemes in rural areas and Mission Bhagiratha schemes. The CPWS Schemes shall be as defined and modified by the Commission from time to time.

| Category                                                                                                                | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|-------------------------------------------------------------------------------------------------------------------------|-----------------------------|------|----------------------------|
|                                                                                                                         | Unit                        | Rate |                            |
| HT-IV(B): CPWS Schemes                                                                                                  |                             |      |                            |
| 11 kV                                                                                                                   |                             |      | 6.10                       |
| 33 kV                                                                                                                   |                             |      | 6.10                       |
| 132 kV and above                                                                                                        |                             |      | 6.10                       |
| * Demand charge is calculated at Rs. /kVA/month of the Billing Demand, subject to a minimum charge of Rs. 300/kVA/year. |                             |      |                            |

## 4.21 HT-V: RAILWAY TRACTION

### HT-V (A): Railway Traction

#### Applicability

4.21.1 This tariff is applicable to HT Railway Traction (other than Hyderabad Metro Rail traction load).

| Category                                                               | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|------------------------------------------------------------------------|-----------------------------|------|----------------------------|
|                                                                        | Unit                        | Rate |                            |
| <b>HT-V (A): Railway Traction</b>                                      | kVA                         | 500  | 5.05                       |
| * Demand charge is calculated at Rs. /kVA/month of the Billing Demand. |                             |      |                            |

### HT-V (B): Hyderabad Metro Rail (HMR)

#### Applicability

4.21.2 This tariff is applicable for HMR to run its operations (other than construction projects) to the extent of following:

- Traction load.
- Access pathways to the station such as elevators, staircases (including escalators) and platforms used for the purposes of boarding the train.
- Enabling areas such as ticket counters, station office, operation/control rooms, depots and public washrooms located within the station premises (excluding areas allotted for vehicle parking).

| Category                                                               | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|------------------------------------------------------------------------|-----------------------------|------|----------------------------|
|                                                                        | Unit                        | Rate |                            |
| <b>HT-V (B): HMR</b>                                                   | kVA                         | 500  | 4.95                       |
| * Demand charge is calculated at Rs. /kVA/month of the Billing Demand. |                             |      |                            |

*Explanation: The commercial load (other than that in the above clause) at HMR stations and other HMR premises including any retail counters that are set up under the Telangana Shops and Establishments Act, 1988 shall be metered and billed separately as per the relevant tariff category.*

## 4.22 HT-VI: TOWNSHIPS AND RESIDENTIAL COLONIES

### Applicability

4.22.1 This tariff is applicable exclusively for:

- Townships and Residential colonies or Cooperative group housing societies who own the premises and avail of supply at single point for making electricity available to the members of such society residing in the same premises at HT.
- Any person who avails of supply at single point at HT for making electricity available to his employees residing in contiguous premises, the supply in all cases being only for domestic purposes, such as lighting, fans, heating etc., provided that the connected load for common facilities such as non-domestic supply in residential area, street lighting and water supply etc., shall be within the limits specified hereunder.

|                                                               |                             |
|---------------------------------------------------------------|-----------------------------|
| Water Supply & Sewerage and Street Lighting put together      | 10% of total connected load |
| Non-domestic/Commercial/Others & General purpose put together | 10% of total connected load |

4.22.2 The electricity charges are as follows:

| Category                                                               | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|------------------------------------------------------------------------|-----------------------------|------|----------------------------|
|                                                                        | Unit                        | Rate |                            |
| HT-VI: Townships and Residential Colonies                              |                             |      |                            |
| 11 kV                                                                  | kVA                         | 285  | 7.30                       |
| 33 kV                                                                  | kVA                         | 285  | 7.30                       |
| 132 kV and above                                                       | kVA                         | 285  | 7.30                       |
| * Demand charge is calculated at Rs. /kVA/month of the Billing Demand. |                             |      |                            |

## 4.23 HT-VII: TEMPORARY SUPPLY

### Applicability

4.23.1 Construction activities like construction of all types of structures/infrastructure such as residential/commercial buildings (height of 10 meters and above), Row houses, Gated communities' construction by Real Estates/Firms meant for sale purpose, bridges, fly-overs, dams, power stations, roads, aerodromes, tunnels for laying of



pipelines, etc. The relevant tariff for temporary supply shall be applicable during the phase of construction. Construction activities of structures of height less than 10 meters will fall under LT-II and HT-II, as relevant.

4.23.2 Exhibitions, circuses, outdoor film shootings, touring talkies, make-shift pandals for festivals, make-shift pandals for public gatherings and such other similar activities that are set up in open areas with no permanent structure.

4.23.3 For buildings above 10 meters in height regular supply shall be provided upon submission of occupancy certificate/completion certificate as per Para 21 of Hyderabad Revised Building Rules, 2006 issued vide erstwhile Andhra Pradesh G.O.Ms.No.86 dated 03.03.2006 and any other municipal authority in the Telangana and on payment of required charges.

| Category                                                               | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|------------------------------------------------------------------------|-----------------------------|------|----------------------------|
|                                                                        | Unit                        | Rate |                            |
| HT-VII: Temporary Supply                                               |                             |      |                            |
| 11 kV                                                                  | kVA                         | 500  | 11.80                      |
| 33 kV                                                                  | kVA                         | 500  | 11.00                      |
| 132 kV and above                                                       | kVA                         | 500  | 10.80                      |
| * Demand charge is calculated at Rs. /kVA/month of the Billing Demand. |                             |      |                            |

#### 4.24 HT-VIII: RURAL ELECTRIC CO-OPERATIVE SOCIETIES (RESCO)

| Category       | Demand Charge (Rs. /month) |      | Energy Charge<br>Rs. /kWh |
|----------------|----------------------------|------|---------------------------|
|                | Unit                       | Rate |                           |
| HT-VIII: RESCO |                            |      |                           |
| 11 kV          |                            |      | 4.77                      |

- RESCO, shall, as far as possible maintain a power factor of  $\pm 0.95$  at its drawl points.
- No penal charges shall be made applicable.
- Customer charge is not applicable.

#### 4.25 HT-IX: ELECTRIC VEHICLE CHARGING STATIONS

##### *Applicability*

4.25.1 This tariff is applicable to Electric Vehicle Charging Stations, EV Battery Swapping Stations etc.

4.25.2 A time-of-day tariff of Rs. 1.50 per kVAh in addition to the normal energy charges at respective voltages is applicable during peak hours of 06:00 am to 10:00 am and 06:00 pm to 10:00 pm. An incentive of Rs.0.50 per kVAh to the normal energy charges at

respective voltages is applicable during the daytime i.e., from 10:00 am to 06:00 pm. The normal energy charges for respective voltages are applicable during 10:00 pm to 06:00 am:

- 4.25.3 The normal energy charges applicable for HT-IX Electric Vehicle Charging Stations, between 10:00 pm and 6:00 am are as follows:

| Category                                                               | Demand Charge* (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|------------------------------------------------------------------------|-----------------------------|------|----------------------------|
|                                                                        | Unit                        | Rate |                            |
| HT-IX: Electric Vehicle Charging Stations                              |                             |      |                            |
| 11 kV                                                                  | kVA                         | 100  | 6.00                       |
| 33 kV                                                                  | kVA                         | 100  | 6.00                       |
| 132 kV and above                                                       | kVA                         | 100  | 6.00                       |
| * Demand charge is calculated at Rs. /kVA/month of the Billing Demand. |                             |      |                            |

- 4.25.4 The energy charges applicable for HT-IX Electric Vehicle Charging Stations, during the peak hours and daytime hours are shown below:

| Category                                   | Demand Charge (Rs. /month) |      | Energy Charge<br>Rs. /kVAh |
|--------------------------------------------|----------------------------|------|----------------------------|
|                                            | Unit                       | Rate |                            |
| HT-IX: Time of Day Tariffs (6 AM to 10 AM) |                            |      |                            |
| 11 kV                                      |                            |      | 7.50                       |
| 33 kV                                      |                            |      | 7.50                       |
| 132 kV and above                           |                            |      | 7.50                       |
| HT-IX: Time of Day Tariffs (6 PM to 10 PM) |                            |      |                            |
| 11 kV                                      |                            |      | 7.50                       |
| 33 kV                                      |                            |      | 7.50                       |
| 132 kV and above                           |                            |      | 7.50                       |
| HT-IX: Time of Day Tariffs (10 AM to 6 PM) |                            |      |                            |
| 11 kV                                      |                            |      | 5.50                       |
| 33 kV                                      |                            |      | 5.50                       |
| 132 kV and above                           |                            |      | 5.50                       |

## 4.26 GREEN TARIFF

- 4.26.1 Green Tariff is applicable to all consumers under LT and HT categories who opt for Green Energy.
- 4.26.2 Green Tariff of Rs. 0.66/unit, which is over and above the normal tariff of the respective category, shall be levied on the energy consumption for the period for which the consumer has opted for Green Tariff.
- 4.26.3 Green Energy Certificate on monthly basis clearly mentioning the green attributes belonging to the consumer shall be issued to the consumers availing green power through TGDISCOM.

## 4.27 TERMS & CONDITIONS OF HT SUPPLY

- 4.27.1 Fuel Surcharge Adjustment (FSA)/Fuel Cost Adjustment (FCA) is applicable as per Regulation No.2 of 2023 as amended from time to time.
- 4.27.2 The tariffs are exclusive of the Electricity duty payable as per the provisions of the Telangana Electricity Duty Act, 1939 as amended from time to time.
- 4.27.3 **Voltage of Supply:** The voltage at which supply has to be availed by the consumers as per the GTCS notified by the Commission and as amended from time to time.
- 4.27.4 **Maximum Demand:** The maximum demand of supply of electricity to a consumer during a month shall be twice the largest number of kilo-volt- ampere hours (kVAh) delivered at the point of supply to the consumer during any consecutive 30 minutes in the month. However, for the consumers having contracted demand above 4,000 kVA the maximum demand shall be four times the largest number of kilo-volt-ampere-hours (kVAh) delivered at the point of supply to the consumer during any consecutive 15 minutes in the month.
- 4.27.5 **Billing Demand:** The billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand whichever is higher, except HT-VI category i.e., Townships & Residential Colonies. For HT-VI category the minimum billing demand shall be the recorded maximum demand condition of 80% Contract Maximum Demand is not applicable.
- 4.27.6 **Monthly Minimum Charges:** Every consumer whether he consumes energy or not shall pay monthly minimum charges calculated on the billing demand plus energy charges specified for each category in this Part (B) to cover the cost of a part of the fixed charges of the Licensee.
- 4.27.7 **Additional Charges for Maximum Demand exceeding the Contracted Demand:** In case, in any month the Recorded Maximum Demand (RMD) of the consumer exceeds his Contracted Demand with the Licensee, the consumer shall pay the following charges on excess demand recorded and on the entire energy consumed.

| RMD over CMD              | Demand charges on excess demand | Energy charges on full energy |
|---------------------------|---------------------------------|-------------------------------|
| 100 to 120%               | 2 times normal charge           | Normal                        |
| Above 120% and up to 200% | 2 times normal charge           | 1.15 times normal charge      |
| More than 200%            | 2 times normal charge           | 1.20 times normal charge      |



*In case of HT-V(A) & HT-V(B):* Railway Traction and Hyderabad Metro Rail, the energy charges shall be computed at 1.05 times of normal charges on the entire consumption, if RMD exceeds 120% of Contracted Demand.

- 4.27.8 **Additional Charges for Belated Payment of Charges:** The Licensees shall charge the Delayed Payment Surcharge (DPS) per month on the bill amount at the rate of 5 paise/Rs.100/day or Rs.550 whichever is higher. In case of grant of instalments, the Licensee shall levy interest at the rate of 18% per annum on the outstanding amounts, compounded annually and the two charges shall not be levied at the same time.
- 4.27.9 **Customer Charges:** Every HT consumer shall pay customer charges as applicable to them, in addition to demand and energy charges billed.
- 4.27.10 **Maintenance of Power Factor at Consumer End:** HT consumers, who are provided with metering capable of measuring active and reactive power under the orders of the Commission, shall maintain their power factor preferably in between 0.95 lag and 0.95 lead in the interest of the system security. The consumers should not maintain the power factor on leading side less than 0.95. If any consumer maintains the power factor less than 0.95 lead for a period of 2 consecutive months, it must be brought back in the range of  $\pm 0.95$  within a period of 3 months failing which without prejudice to such other rights as having accrued to the licensee or any other right of the Licensee the supply to the consumer may be discontinued.

## 4.28 CATEGORY-WISE SPECIFIC CONDITIONS OF HT TARIFF

### ***HT-I: Industry***

#### ***HT-I(A): Industry – General***

- 4.28.1 The billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand, whichever is higher.
- 4.28.2 Energy charges will be billed on the basis of actual energy consumption or 50 kVAh per kVA of billing demand, whichever is higher.
- 4.28.3 The power plants availing power for start-up power shall pay demand charges at the rate of 50% of the rate approved for this category.

***HT-I(B): Ferro Alloys***

- 4.28.4 The billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand, whichever is higher.
- 4.28.5 Energy charges will be billed on the basis of actual energy consumption or 50 kVAh per kVA of billing demand, whichever is higher.

***HT-I(A): Industry – Seasonal Industries***

- 4.28.6 Consumers, classified as seasonal load consumers, who are desirous of availing of the seasonal benefits shall specifically declare their season at the time of entering into agreement that their loads should be classified as seasonal loads.
- 4.28.7 The period of season shall not be less than four (4) continuous months. However, consumer can declare longer seasonal period as per actual.
- 4.28.8 Consumer, who desires to have a change in the period classified as “season” declared by him, shall file a declaration at least a month before commencement of the respective tariff year.
- 4.28.9 Existing eligible consumers who have not opted earlier for seasonal tariffs will also be permitted to opt for seasonal tariff on the basis of application to the Divisional Engineer concerned of the respective Licensee.
- 4.28.10 The seasonal period once notified cannot be changed, during one Tariff year.
- 4.28.11 The off-season tariff is not available to composite units having seasonal and other categories of loads.
- 4.28.12 The off-season tariff is also not available for such of those units who have captive generation exclusively for process during season and who avail supply from Licensee for miscellaneous loads and other non-process loads.
- 4.28.13 Any consumer who after declaring the period of season consumes power for his main plant during the off-season period, shall not be entitled to this concession during that year.
- 4.28.14 Development charges as applicable to regular HT consumers shall be paid by the consumers for availing supply under the above said category with seasonal benefits. Consumers who have paid the development charges already as regular consumers need

not pay the development charges.

***HT-II(A): Others***

4.28.15 The billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand, whichever is higher.

4.28.16 Energy charges will be billed on the basis of actual Energy consumption or 25 kVAh per kVA of Billing Demand, whichever is higher.

4.28.17 The power plants availing power for start-up power shall pay demand charges at the rate of 50% of the rate approved for this category.

***HT-II(B): Wholly Religious Places***

4.28.18 The billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand, whichever is higher.

4.28.19 Energy charges will be billed on the basis of actual Energy consumption or 25 kVAh per kVA of Billing Demand, whichever is higher.

***HT-III: Airports, Railway stations and Bus stations***

4.28.20 The billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand whichever is higher.

4.28.21 Energy charges will be billed on the basis of actual energy consumption or 50 kVAh per kVA of billing demand whichever is higher.

***HT-IV: Irrigation, Agriculture and CPWS***

4.28.22 The metering is mandatory for this category i.e., HT-IV(A) & HT-IV(B).

***HT-V: Railway Traction***

4.28.23 The billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand, whichever is higher.

4.28.24 Energy charges will be billed on the basis of actual energy Consumption or 32 kVAh per month per kVA of Contracted Demand whichever is higher.

***HT-VI: Townships and Residential Colonies***

4.28.25 The billing demand shall be the recorded maximum demand during the month.



4.28.26 Energy Charges will be billed on the basis of actual consumption or 25 kVAh per kVA of Contracted Demand, whichever is higher.

4.28.27 The above provisions shall not in any way affect the right of a person residing in the housing unit sold or leased by such Cooperative Group Housing Society, to demand supply of electricity directly from the distribution licensee of the area.

***HT-VII: Temporary Supply***

4.28.28 (a) Temporary supply can be given initially for a period up to one year as per the tariff applicable under temporary supply category. After the expiry of one year, the consumer is at liberty to seek further extension.

(b) The billing demand for Temporary supply shall be contracted demand or recorded maximum demand registered during the month whichever is higher.

4.28.29 Requests for temporary supply of energy cannot be considered unless there is a clear notice of at least one week in the case of domestic and three months in case of other types of supply. If supply is required at a short notice, in addition to the applicable electricity charges, an urgency charge, as specified in miscellaneous charges is also to be paid.

4.28.30 Estimated cost of the works means the cost of works for making necessary arrangements for supplying energy including the cost of distribution lines, switchgear, metering equipment, etc., as may be worked out on the basis of standards and norms prescribed by the Licensee, from time to time plus cost of dismantling the lines and other works when the supply is no more required less the cost of retrievable material.

4.28.31 (a) Estimated cost of the works, as detailed above, shall be paid by the consumer in advance. After the works are dismantled and retrievable materials returned to stores, a bill for the actual amount payable by the consumer shall be prepared and the difference would be collected from or refunded to the consumer, as the case may be. No development charges shall be collected for temporary supply.

(b) In addition to the aforesaid charges payable by consumers availing temporary supply, they shall pay hire charges at 2% on cost of retrievable material per month or part thereof, for the duration of temporary supply. These charges will be claimed along with the consumption bills.

4.28.32 (a) The consumer requiring supply on temporary basis shall be required to deposit in advance, in addition to the estimated cost of works mentioned in 9.29.32(b), the estimated consumption charges at the rate stipulated in Tariff Order for Temporary supply, and worked out on the basis for use of electricity by the consumer for 6 hours per day for a period of 2 months in case the supply is required for more than 10 days. If the period of temporary supply is for 10 days or less, the advance consumption charges for the actual period requisitioned shall be paid.

(b) The bill for electricity consumed in any month shall be prepared at the tariff applicable plus hire charges as mentioned above. The consumers have to pay monthly CC charges regularly during the period of availing temporary supply and the estimated energy consumption deposit shall be adjusted with the last month consumption and the balance if any shall be refunded.

(c) In the case of consumers requiring temporary supply for the purposes of Cinema, the estimated energy charges for a minimum period of three (3) months shall have to be deposited by the consumer subject to the condition that the consumer shall pay every month energy and other miscellaneous charges for the preceding month and the amount deposited by him in advance shall be adjusted with the last month consumption and the balance amount shall be refunded.

(d) In the event of estimated energy charges deposited by the consumer having been found insufficient, the consumer shall deposit such additional amount, as may be demanded by the Licensee failing which the Licensee may discontinue the supply of electricity.

4.28.33 Existing consumers requiring temporary supply or temporary increase in supply: If any consumer availing regular supply of electricity at High Tension requires an additional supply of electricity at the same point for a temporary period, the temporary additional supply shall be treated as a separate service and charged as per HT Temporary supply, subject to the following conditions.

4.28.34 (a) The contracted demand of the temporary supply shall be the billing demand for that service. The recorded demand for the regular service shall be arrived at by deducting the billing demand for the temporary supply from the maximum demand recorded in the month.

(b) The total energy consumed in a month including that relating to temporary additional supply, shall be apportioned between the regular and temporary supply in proportion to the respective billing demands.

### ***HT-IX: Electric Vehicle Charging Stations***

4.28.35 The billing demand shall be the recorded maximum demand during the month or 80% of contracted demand whichever is higher.

4.28.36 Energy Charges will be billed on the basis of actual consumption or 25 kVAh per kVA of Contracted Demand, whichever is higher.

## **4.29 OTHER CHARGES IN HT**

### ***Service Connection Charges***

4.29.1 The service connection charges shall be collected as per the Regulations issued by the Commission from time to time.

### ***Reconnection Charges***

| HT            | Charges (Rs.) |
|---------------|---------------|
| 11 kV         | 1,000         |
| 33 kV         | 2,000         |
| 132 kV/220 kV | 3,000         |

### ***Testing Charges***

| HT                                                                                                                                                                                               | Charges (Rs.) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <b>Consumer Installation</b>                                                                                                                                                                     |               |
| The first test and inspection of a new installation or of an extension to an existing installation.                                                                                              | Nil           |
| Charges payable by the consumer in advance for each subsequent test and/or inspection if found necessary owing to any fault in the installation or to non-compliance of the conditions of supply | 200           |
| HT Meter                                                                                                                                                                                         | 3,000         |
| <b>Transformer Oils</b>                                                                                                                                                                          |               |
| For each sample of Oil                                                                                                                                                                           | 150           |

### ***Miscellaneous Charges***

| HT                                                                                                                      | Charges (Rs.) |
|-------------------------------------------------------------------------------------------------------------------------|---------------|
| Application Registration Fees                                                                                           | 100           |
| For changing meter only at the request of the consumer (where it is not necessitated by increase in demand permanently) | 100           |



|                                      |                                                                                                 |
|--------------------------------------|-------------------------------------------------------------------------------------------------|
| For changing or moving a meter board | Actual cost of material and labour plus 25% supervision charges on cost of materials and labour |
|--------------------------------------|-------------------------------------------------------------------------------------------------|

### Customer Charges

| Consumer Category                                                  | Charges (Rs. /month)                                                                                   |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| HT Consumer at 11 kV                                               | 2,000                                                                                                  |
| HT Consumers at 33 kV                                              | 3,500                                                                                                  |
| HT Consumers at 132 kV and above                                   | 5,000                                                                                                  |
| Urgency charges for temporary supply at short notice               | 200                                                                                                    |
| Special rates chargeable for theft/pilferage and malpractice cases | As per the General Terms and Conditions of Supply (GTCS) approved by the Commission from time to time. |
| Supervision/Inspection & checking charges                          | 600                                                                                                    |

### 4.30 MISCELLANEOUS WORKS IN HT

- 4.30.1 The charges for any work which the Licensee may be required to undertake for the consumer and which is not included in the foregoing schedule, shall be the actual cost of labour and material plus 25% on cost of labour and material to cover overhead charges. The aforesaid charges shall be paid by the consumer in advance.

#### Applicability

- 4.30.2 The rates indicated in the Retail Supply Tariff Schedule for FY 2026-27, together with the terms and conditions prescribed there under shall be applicable in the areas of operation of two Distribution Companies viz., Southern Power Distribution company of Telangana Limited (TGSPDCL), Northern Power Distribution company of Telangana Limited (TGNPDCL) and CESS, Sircilla for the FY 2026-27 with effect from **01.04.2026 to 31.03.2027**.
- 4.30.3 The abstract of the tariff rates determined above, together with the terms & conditions governing the same is enclosed at [Appendix A](#).

**This Order is corrected and signed on this the 30<sup>th</sup> day of March 2026.**

Sd/-  
Cherukuri Srinivasa Rao  
Member (Finance)

Sd/-  
Raghu Kancharla  
Member (Technical)

Sd/-  
Dr. Justice Devaraju Nagarjun  
Chairman

**// CERTIFIED COPY //**

**APPENDIX A: ABSTRACT OF THE RETAIL SUPPLY TARIFF FOR FY 2026-27**

(Applicable with effect from 01.04.2026 to 31.03.2027 in respect of the two Distribution Licensees (TGSPDCL & TGNPDCL) and the Co-operative Electric Supply Society, Sircilla in the State of Telangana).

| Category                                                                                                                                                                                                    | Fixed/ Demand Charge |                 | Energy Charge |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------|---------------|
|                                                                                                                                                                                                             | Unit                 | Rs. /Unit/month | (Rs. /Unit)   |
| <b>Low Tension</b>                                                                                                                                                                                          |                      |                 |               |
| <b>LT-I: Domestic</b>                                                                                                                                                                                       |                      |                 |               |
| <b>LT-I (A): Up to 100 units/month</b>                                                                                                                                                                      |                      |                 |               |
| 0-50                                                                                                                                                                                                        | kW                   | 10              | 1.95          |
| 51-100                                                                                                                                                                                                      | kW                   | 10              | 3.10          |
| <b>LT-I (B) (i): Above 100 units/month &amp; up to 200 units/month</b>                                                                                                                                      |                      |                 |               |
| 0-100                                                                                                                                                                                                       | kW                   | 10              | 3.40          |
| 101-200                                                                                                                                                                                                     | kW                   | 10              | 4.80          |
| <b>LT-I (B) (ii): Above 200 units/month</b>                                                                                                                                                                 |                      |                 |               |
| 0-200                                                                                                                                                                                                       | kW                   | 10              | 5.10          |
| 201-300                                                                                                                                                                                                     | kW                   | 10              | 7.70          |
| 301-400                                                                                                                                                                                                     | kW                   | 10              | 9.00          |
| 401-800                                                                                                                                                                                                     | kW                   | 10              | 9.50          |
| Above 800 units                                                                                                                                                                                             | kW                   | 50              | 10.00         |
| <b>LT-II: Non-Domestic/Commercial/Others</b>                                                                                                                                                                |                      |                 |               |
| <b>LT-II (A): Up to 50 units/month</b>                                                                                                                                                                      |                      |                 |               |
| 0-50                                                                                                                                                                                                        | kW                   | 30              | 7.00          |
| <b>LT-II (B): Above 50 units/month</b>                                                                                                                                                                      |                      |                 |               |
| 0-100                                                                                                                                                                                                       | kW                   | 70              | 8.50          |
| 101-300                                                                                                                                                                                                     | kW                   | 70              | 9.90          |
| 301-500                                                                                                                                                                                                     | kW                   | 100             | 10.40         |
| Above 500                                                                                                                                                                                                   | kW                   | 100             | 11.00         |
| <b>LT-II (C): Advertising Hoardings</b>                                                                                                                                                                     | kW                   | 150             | 13.00         |
| <b>LT-II (D): Haircutting salons up to 200 units/month</b>                                                                                                                                                  |                      |                 |               |
| 0-50                                                                                                                                                                                                        | kW                   | 60              | 5.30          |
| 51-100                                                                                                                                                                                                      | kW                   | 60              | 6.60          |
| 101-200                                                                                                                                                                                                     | kW                   | 60              | 7.50          |
| <b>LT-III: Industry</b>                                                                                                                                                                                     |                      |                 |               |
| Industries                                                                                                                                                                                                  | kW                   | 100             | 7.70          |
| Seasonal Industries (off- season)                                                                                                                                                                           | kW                   | 100             | 8.40          |
| Pisciculture/Prawn culture                                                                                                                                                                                  | kW                   | 50              | 6.20          |
| Sugarcane crushing                                                                                                                                                                                          | kW                   | 50              | 6.20          |
| Poultry farms                                                                                                                                                                                               | kW                   | 65              | 7.00          |
| Mushroom, Rabbit, Sheep and Goat farms                                                                                                                                                                      | kW                   | 100             | 7.30          |
| For Rice Mills under LT-III Industry, the upper limit of Contract Load shall be 93 kW/125 HP;<br>For the remaining consumers under LT-III Industry, the upper limit of Contract Load shall be 75 kW/100 HP. |                      |                 |               |

| Category                                                                                                                                                                                                                                                                                                        | Fixed/ Demand Charge |                                            | Energy Charge |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------|---------------|
|                                                                                                                                                                                                                                                                                                                 | Unit                 | Rs. /Unit/month                            | (Rs. /Unit)   |
| <b>LT-IV: Cottage Industries &amp; Agro Based Activities</b>                                                                                                                                                                                                                                                    |                      |                                            |               |
| <b>LT-IV(A): Cottage Industries</b>                                                                                                                                                                                                                                                                             | kW                   | 20                                         | 4.00          |
| <b>LT-IV(B): Agro Based Activities</b>                                                                                                                                                                                                                                                                          | kW                   | 20                                         | 4.00          |
| <i>For LT-IV(B) Agro Based Activity, the upper limit of Connected Load for Mushroom production, Rabbit farming, Sheep farming, Goatfarming, and Dairy farming activities shall be 25 HP; For the remaining consumers under LT- IV(B) Agro Based Activity, the upper limit of Connected Load shall be 20 HP.</i> |                      |                                            |               |
| <b>LT-V: Agricultural</b>                                                                                                                                                                                                                                                                                       |                      |                                            |               |
| <b>LT-V(A): Agricultural (DSM Measures mandatory)</b>                                                                                                                                                                                                                                                           |                      |                                            |               |
| Corporate Farmers                                                                                                                                                                                                                                                                                               | HP                   | -                                          | 2.50          |
| Other than Corporate Farmers                                                                                                                                                                                                                                                                                    | HP                   | -                                          | 0.00          |
| <b>LT-V (B): Others</b>                                                                                                                                                                                                                                                                                         |                      |                                            |               |
| Horticulture Nurseries with CL up to 20 HP                                                                                                                                                                                                                                                                      | HP                   | 20                                         | 4.00          |
| <b>LT-VI: Street Lighting &amp; PWS Schemes</b>                                                                                                                                                                                                                                                                 |                      |                                            |               |
| <b>LT-VI (A): Street Lighting</b>                                                                                                                                                                                                                                                                               |                      |                                            |               |
| Panchayats                                                                                                                                                                                                                                                                                                      | kW                   | 32                                         | 7.10          |
| Municipalities                                                                                                                                                                                                                                                                                                  | kW                   | 32                                         | 7.60          |
| Municipal Corporations                                                                                                                                                                                                                                                                                          | kW                   | 32                                         | 8.10          |
| <b>LT-VI(B): PWS Schemes</b>                                                                                                                                                                                                                                                                                    |                      |                                            |               |
| Panchayats                                                                                                                                                                                                                                                                                                      | HP                   | 32/HP subject to a minimum of Rs.50/month  | 6.00          |
| Municipalities                                                                                                                                                                                                                                                                                                  | HP                   | 32/HP subject to a minimum of Rs.100/month | 7.10          |
| Municipal Corporations                                                                                                                                                                                                                                                                                          | HP                   | 32/HP subject to a minimum of Rs.100/month | 7.60          |
| <b>LT-VII: General</b>                                                                                                                                                                                                                                                                                          |                      |                                            |               |
| LT-VII (A): General Purpose                                                                                                                                                                                                                                                                                     | kW                   | 21                                         | 8.30          |
| LT-VII (B): Wholly Religious Places                                                                                                                                                                                                                                                                             | kW                   | 30                                         | 5.00          |
| <b>LT-VIII: Temporary Supply</b>                                                                                                                                                                                                                                                                                | kW                   | 21                                         | 12.00         |
| <i>For LT-VIII Temporary Supply, the consumer shall be required to deposit in advance the estimated consumption charges along with other charges as stipulated in the Tariff Order.</i>                                                                                                                         |                      |                                            |               |
| <b>LT-IX: EV Charging Stations</b>                                                                                                                                                                                                                                                                              | kW                   | 0                                          | 6.00          |
| <b>High Tension</b>                                                                                                                                                                                                                                                                                             |                      |                                            |               |
| <b>HT-I (A): Industry General</b>                                                                                                                                                                                                                                                                               |                      |                                            |               |
| 11 kV                                                                                                                                                                                                                                                                                                           | kVA                  | 500                                        | 7.65          |
| 33 kV                                                                                                                                                                                                                                                                                                           | kVA                  | 500                                        | 7.15          |
| 132 kV and above                                                                                                                                                                                                                                                                                                | kVA                  | 500                                        | 6.65          |
| <b>HT-I (A): Lights and Fans</b>                                                                                                                                                                                                                                                                                |                      |                                            |               |
| 11 kV                                                                                                                                                                                                                                                                                                           |                      | -                                          | 7.65          |
| 33 kV                                                                                                                                                                                                                                                                                                           |                      | -                                          | 7.15          |



| Category                                                   | Fixed/ Demand Charge |                 | Energy Charge |
|------------------------------------------------------------|----------------------|-----------------|---------------|
|                                                            | Unit                 | Rs. /Unit/month | (Rs. /Unit)   |
| 132 kV and above                                           |                      | -               | 6.65          |
| <b>HT-I (A): Poultry Farms</b>                             |                      |                 |               |
| 11 kV                                                      | kVA                  | 500             | 7.65          |
| 33 kV                                                      | kVA                  | 500             | 7.15          |
| <b>HT-I (A): Colony Consumption</b>                        |                      |                 |               |
| 11 kV                                                      |                      | -               | 7.30          |
| 33 kV                                                      |                      | -               | 7.30          |
| 132 kV and above                                           |                      | -               | 7.30          |
| <b>HT-I (A): Seasonal Industries</b>                       |                      |                 |               |
| 11 kV                                                      | kVA                  | 500             | 8.60          |
| 33 kV                                                      | kVA                  | 500             | 7.90          |
| 132 kV and above                                           | kVA                  | 500             | 7.70          |
| <b>HT-I (A): Optional Category with CMD Up to 150 kVA</b>  |                      |                 |               |
| 11 kV                                                      | kVA                  | 100             | 8.00          |
| <b>HT-I (B): Ferro Alloys</b>                              |                      |                 |               |
| 11 kV                                                      | kVA                  | 500             | 7.65          |
| 33 kV                                                      | kVA                  | 500             | 7.15          |
| 132 kV and above                                           | kVA                  | 500             | 6.65          |
| <b>HT-II (A): Others</b>                                   |                      |                 |               |
| 11 kV                                                      | kVA                  | 500             | 8.80          |
| 33 kV                                                      | kVA                  | 500             | 8.00          |
| 132 kV and above                                           | kVA                  | 500             | 7.80          |
| <b>HT-II (B): Wholly Religious Places</b>                  |                      |                 |               |
| 11 kV                                                      | kVA                  | 285             | 5.00          |
| 33 kV                                                      | kVA                  | 285             | 5.00          |
| 132 kV and above                                           | kVA                  | 285             | 5.00          |
| <b>HT-III: Airports, Railway Stations and Bus Stations</b> |                      |                 |               |
| 11 kV                                                      | kVA                  | 500             | 8.50          |
| 33 kV                                                      | kVA                  | 500             | 7.85          |
| 132 kV and above                                           | kVA                  | 500             | 7.45          |
| <b>HT-IV (A): Irrigation and Agriculture</b>               |                      |                 |               |
| 11 kV                                                      | kVA                  | 300             | 6.30          |
| 33 kV                                                      | kVA                  | 300             | 6.30          |
| 132 kV and above                                           | kVA                  | 300             | 6.30          |
| <b>HT-IV(B): CPWS Schemes</b>                              |                      |                 |               |
| 11 kV                                                      | kVA                  | -               | 6.10          |
| 33 kV                                                      | kVA                  | -               | 6.10          |
| 132 kV and above                                           | kVA                  | -               | 6.10          |
| <b>HT-V (A): Railway Traction</b>                          |                      |                 |               |
|                                                            | kVA                  | 500             | 5.05          |
| <b>HT-V(B): HMR</b>                                        |                      |                 |               |
|                                                            | kVA                  | 500             | 4.95          |
| <b>HT-VI: Townships &amp; Residential Colonies</b>         |                      |                 |               |
| 11 kV                                                      | kVA                  | 285             | 7.30          |
| 33 kV                                                      | kVA                  | 285             | 7.30          |

| Category                                                                                                                                                                               | Fixed/ Demand Charge |                 | Energy Charge |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------|---------------|
|                                                                                                                                                                                        | Unit                 | Rs. /Unit/month | (Rs. /Unit)   |
| 132 kV and above                                                                                                                                                                       | kVA                  | 285             | 7.30          |
| <b>HT-VII: Temporary Supply</b>                                                                                                                                                        |                      |                 |               |
| 11 kV                                                                                                                                                                                  | kVA                  | 500             | 11.80         |
| 33 kV                                                                                                                                                                                  | kVA                  | 500             | 11.00         |
| 132 kV and above                                                                                                                                                                       | kVA                  | 500             | 10.80         |
| <i>For HT-VII Temporary Supply, the consumer shall be required to deposit in advance the estimated consumption charges along with other charges as stipulated in the Tariff Order.</i> |                      |                 |               |
| <b>HT-VIII: RESCOs</b>                                                                                                                                                                 |                      |                 |               |
| 11 kV                                                                                                                                                                                  |                      | -               | 4.77          |
| <b>HT-IX: EV Charging Stations</b>                                                                                                                                                     |                      |                 |               |
| 11 kV                                                                                                                                                                                  | kVA                  | 100             | 6.00          |
| 33 kV                                                                                                                                                                                  | kVA                  | 100             | 6.00          |
| 132 kV and above                                                                                                                                                                       | kVA                  | 100             | 6.00          |

## TERMS AND CONDITIONS

### 1. Time of Day (TOD) Tariffs/Incentives:

#### **Applicability:**

The following Time of Day (TOD) Tariffs are applicable for categories viz.,

- HT-I(A) Industry General;
- HT-I(A) Poultry Farms;
- HT-II(A) Others;
- HT-II(B) Wholly Religious Places;
- HT-III Airports, Railway stations and Bus Stations
- HT-IX Electric Vehicle Charging Stations;

| Description             | During the Period                     | ToD Tariff over Retail Supply Energy Charges for FY 2026-27 |
|-------------------------|---------------------------------------|-------------------------------------------------------------|
| Time of Day (TOD)Tariff | 6 am to 10 am<br>and<br>6 pm to 10 pm | Plus Rs.1.50/unit                                           |
| Time of Day (TOD)Tariff | 10 am to 6 pm                         | Less Rs. 0.50/unit                                          |

Note: Normal energy charges shall be applicable for time slot of 10 pm to 6 am.

2. **Fuel Surcharge Adjustment (FSA)/Fuel Cost Adjustment (FCA)** will be extra as per Regulation No.2 of 2023 as amended from time to time.
3. The Tariffs are exclusive of the Electricity Duty payable as per the provisions of the Telangana State Electricity Duty Act, 1939 as amended from time to time.

**4. Voltage of Supply:** The voltage at which supply has to be availed by the consumers as per the GTCS notified by the Commission and as amended from time to time.

**5. Additional Charges for Maximum Demand exceeding the Contracted Demand**

In case, in any month the Recorded Maximum Demand (RMD) of the consumer exceeds his Contracted Demand with the Licensee, the consumer shall pay the following charges on excess demand recorded and on the entire energy consumed.

| RMD over CMD              | Demand charges on excess demand | Energy charges on full energy |
|---------------------------|---------------------------------|-------------------------------|
| 100 to 120%               | 2 times of normal charge        | Normal                        |
| Above 120% and up to 200% | 2 times of normal charge        | 1.15 times of normal charge   |
| More than 200%            | 2 times of normal charge        | 1.20 times of normal charge   |

In the case of HT-V(A) and HT-V(B): Railway Traction and HMR, the energy charges shall be computed at 1.05 times the normal charges on the entire consumption, if RMD exceeds 120% of Contracted Demand.

**6. Minimum Charges**

**LT-categories**

| Category         |                                  | Applicable Rates                                                                                                                                                            |                  |
|------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| LT-I(A)          | Domestic                         | <b>Contracted Load of 1000 Watts andbelow</b>                                                                                                                               |                  |
|                  |                                  | Single Phase                                                                                                                                                                | -                |
| LT-I(B)(i)       |                                  | <b>Contracted Load of above 1000Watts</b>                                                                                                                                   |                  |
|                  |                                  | Single Phase                                                                                                                                                                | -                |
| LT-I(B)(ii)      |                                  | Three Phase                                                                                                                                                                 | -                |
| LT-II(A) & II(B) | Non-Domestic/ Commercial/ Others | Single Phase                                                                                                                                                                | Rs.50/month      |
|                  |                                  | Three Phase                                                                                                                                                                 | Rs.100/month     |
| LT-II(C)         |                                  | Advertisement Hoardings                                                                                                                                                     | Rs.300/month     |
| LT-II(D)         |                                  | Single Phase                                                                                                                                                                | Rs.65/month      |
|                  |                                  | Three Phase                                                                                                                                                                 | Rs.200/month     |
| LT-VI(A)         | Street Lighting                  | Panchayats                                                                                                                                                                  | Rs.2/point/month |
|                  |                                  | Municipalities & Municipal Corporations                                                                                                                                     | Rs.6/point/month |
| LT-VII(A)        | General Purpose                  | Single Phase                                                                                                                                                                | Rs.50/month      |
|                  |                                  | Three Phase                                                                                                                                                                 | Rs.150/month     |
| LT-VIII          | Temporary Supply                 | Rs.125 per kW or part thereof of the contracted load for first 30 days or part thereof and for every subsequent period of 15 days or part thereof a charge of Rs.75 per kW. |                  |
| LT-IX            | EV Chargingstation               | Single Phase                                                                                                                                                                | Rs.65/month      |
|                  |                                  | Three Phase                                                                                                                                                                 | Rs.200/month     |



**HT Categories**

| Category                      |                                             | Applicable Rates                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Billing Demand                |                                             | Billing Demand shall be maximum demand recorded during the month or 80% of the contracted demand whichever is higher except HT-IV(A) and HT-VI.                                                                                                                                                                                                                                     |
|                               |                                             | For HT-IV(A) (Lift Irrigation), during the operational months July to November, Billing Demand shall be maximum demand recorded during the month or 80% of the contracted demand whichever is higher and, during the non-operational months December to June, Billing Demand shall be maximum demand recorded during the month or 25% of the contracted demand whichever is higher. |
|                               |                                             | For HT-VI (Township and Residential Colonies), the billing demand is Actual Demand Recorded).                                                                                                                                                                                                                                                                                       |
| <b>Minimum Energy Charges</b> |                                             |                                                                                                                                                                                                                                                                                                                                                                                     |
| HT-I(A)                       | Industry-General                            | 50 kVAh per kVA of billing demand per month                                                                                                                                                                                                                                                                                                                                         |
| HT-I(B)                       | Ferro Alloy units                           | 50 kVAh per kVA of billing demand per month                                                                                                                                                                                                                                                                                                                                         |
| HT-II(A)                      | Others                                      | 25 kVAh per kVA of billing demand per month                                                                                                                                                                                                                                                                                                                                         |
| HT-II(B)                      | Wholly Religious Places                     | 25 kVAh per kVA of billing demand per month                                                                                                                                                                                                                                                                                                                                         |
| HT-III                        | Airports, Railway stations and Bus stations | 50 kVAh per kVA of billing demand per month                                                                                                                                                                                                                                                                                                                                         |
| HT-V(A) & V(B)                | Railway Traction & HMR                      | 32 kVAh per kVA of Contracted Demand per month                                                                                                                                                                                                                                                                                                                                      |
| HT-VI                         | Townships & Residential Colonies            | Billing Demand shall be Actual Recorded Demand.<br>25 kVAh per kVA of contracted demand per month.                                                                                                                                                                                                                                                                                  |
| HT-IX                         | EV Charging station                         | 25 kVAh per kVA of contracted demand per month.                                                                                                                                                                                                                                                                                                                                     |

**7. Customer Charges**

| Consumer Category                                                   | Rs. / Month |
|---------------------------------------------------------------------|-------------|
| <b>Low Tension</b>                                                  |             |
| <b>LT-I: Domestic (units/month)</b>                                 |             |
| 0-50                                                                | 40          |
| 51-100                                                              | 70          |
| 101-200                                                             | 90          |
| 201-300                                                             | 100         |
| 301-400                                                             | 120         |
| 401-800                                                             | 140         |
| Above 800 units                                                     | 160         |
| <b>LT-II(A&amp;B): Non-Domestic/Commercial/Others (units/month)</b> |             |
| 0-50                                                                | 50          |
| 51-100                                                              | 90          |
| 101-300                                                             | 105         |
| 301-500                                                             | 120         |
| Above 500 units                                                     | 160         |
| <b>LT-II(C): Advertisement Hoardings</b>                            | 160         |

| Consumer Category                                                             | Rs. / Month |
|-------------------------------------------------------------------------------|-------------|
| <b>LT-II(D) Haircutting Salons with consumption up to 200 units per month</b> |             |
| 0-50                                                                          | 45          |
| 51-100                                                                        | 55          |
| 101-200                                                                       | 65          |
| LT-III: Industry up to 20 HP                                                  | 100         |
| LT-III: Industry 21-50 HP                                                     | 350         |
| LT-III: Industry 51-125 HP                                                    | 1,200       |
| LT-IV: Cottage Industries                                                     | 50          |
| LT-V: Agriculture                                                             | 30          |
| LT-VI: Street Lighting & PWS                                                  | 120         |
| LT-VII: General Purpose                                                       | 100         |
| LT-VIII: Temporary Supply                                                     | 100         |
| LT-IX: EV Charging station                                                    | 120         |
| <b>High Tension</b>                                                           |             |
| HT consumers at 11 kV                                                         | 2,000       |
| HT consumers at 33 kV                                                         | 3,500       |
| HT consumers at 132 kV and above                                              | 5,000       |

## 8. Delayed Payment Surcharge (DPS)

### LT-Category

- a. In the case of LT-I(A), LT-I(B), LT-II(A), LT-II(D), LT-IV and LT-V(B), if payment is made after due date, the consumers are liable to pay, Delayed Payment Surcharge (DPS) per month on the bill amount at the rates given in table below:

|                                                |                 |
|------------------------------------------------|-----------------|
| LT-I(A)                                        | Rs.10 per month |
| LT-I(B), LT-II(A), LT-II(D), LT-IV and LT-V(B) | Rs.25 per month |

- b. In case of LT-II(B), LT-II(C), LT-III, LT-VI, LT-VII, and LT-IX the Licensee shall levy Delayed Payment Surcharge (DPS) on the bill amount at the rate of 5 paise/Rs.100/day calculated from the due date mentioned on the bill, up to the date of payment or Rs.150 whichever is higher. In case of grant of instalments, the Licensees shall levy interest at the rate of 18% per annum on the outstanding amounts compounded annually and the two (DPS and interest) shall not be levied at the same time.

### HT Category

The Licensees shall charge the Delayed Payment Surcharge (DPS) per month on the bill amount at the rate of 5 paise/Rs.100/day or Rs.550 whichever is higher. In case of grant of instalments, the Licensee shall levy interest at the rate of 18% per annum on the outstanding amounts, compounded annually and the two charges shall not be levied at the same time.

**9. Reconnection Charges**

| Category                    | Charges (Rs.) |
|-----------------------------|---------------|
| <b>Low Tension services</b> |               |
| LT-I(A)                     | 25            |
| Overhead LT services        | 75            |
| U.G. services               | 200           |
| <b>High Tension service</b> |               |
| 11 kV                       | 1,000         |
| 33 kV                       | 2,000         |
| 132 kV and above            | 3,000         |

**10. Testing Charges**

| Installation                                                                                                                                                                                     | LT (Rs.)           | HT (Rs.) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|
| The first test and inspection of a new installation or of an extension to an existing installation                                                                                               | Nil                | Nil      |
| Charges payable by the consumer in advance for each subsequent test and/or inspection if found necessary owing to any fault in the installation or to non-compliance of the conditions of supply | 20                 | 200      |
| <b>Meter</b>                                                                                                                                                                                     |                    |          |
| A.C. Single Phase Energy meter                                                                                                                                                                   | 100                |          |
| A.C. Three Phase Energy meter                                                                                                                                                                    | 300                |          |
| LT Tri Vector meter                                                                                                                                                                              | 2,000              |          |
| 11 kV                                                                                                                                                                                            |                    | 3,000    |
| 33 kV                                                                                                                                                                                            |                    | 3,000    |
| 132 kV and above                                                                                                                                                                                 |                    | 3,000    |
| <b>Transformer oil</b>                                                                                                                                                                           |                    |          |
| Each sample of oil                                                                                                                                                                               | Rs. 150 per sample |          |

**11. Supervision/ Inspection and Checking Charges**

| Category                    | Charges (Rs.) |
|-----------------------------|---------------|
| For LT-I(A) Domestic        | 100           |
| For LT-I(B) Domestic        | 100           |
| LT-V Agricultural           | 100           |
| For all other LT Categories | 100           |
| For all HT Categories       | 600           |

**12. Low Power Factor Charges:** For all consumer categories where kVAh billing is done, no Low Power Factor surcharge shall be levied.

**13. Capacitor Surcharge:** LT consumers (except LT-I Domestic) having connected loads mentioned in table below shall pay capacitor surcharge (as per rules in vogue) at the rate of 25% of the billed amount, if capacitors are found defunct.

| Category            | Connected Load |
|---------------------|----------------|
| LT-II and LT-VII(A) | < 10 kW        |
| LT-III and LT-VI(B) | < 13 HP        |



**14. Fixed Charges – Seasonal Industries:**

LT-III: Rs.100/kW/month on 30% contracted load.

HT: Demand Charges – 30% of CMD or recorded demand whichever is higher.

**15. Temporary Supply for LT and HT Consumers:** Temporary supply can be given initially for a period up to one year as per the tariff applicable under temporary supply category. After the expiry of one year, the consumer is at liberty to seek further extension.

**16. Green Tariff:** Green Tariff of Rs. 0.66/unit which is over and above the normal tariff of respective category shall be levied on the energy consumption for the period for which the consumer as opted for Green Tariff. The Green Tariff is extended to all categories of consumers both HT & LT, who opt for it.



## APPENDIX B: COMMISSION'S DIRECTIVES TO TGDISCOMs

1. **Imported Coal** - The TGDISCOMs are directed to verify whether imported coal is being procured through the competitive bidding process, or under any guidelines issued in this regard by GoI, before admitting the Station-wise power purchase bills. TGDISCOMs are further directed to submit certificate that the generating stations procured imported coal through the competitive bidding process, or under any guidelines issued in this regard by GoI.
2. **Quality of Domestic Coal** - The TGDISCOMs are directed to ensure that the GCV of coal for which the price is paid by its contracted generating stations should not be less than the minimum of the range of GCV specified for that particular grade.
3. **Transportation of failed transformers** - The TGDISCOMs shall ensure that the transportation of failed transformers is done at the cost of TGDISCOMs. In case, vehicle provided to sub-division, for this purpose, is unable to meet the requirement, replacement of failed DTRs should be done by hiring a private vehicle for this purpose only. For hiring vehicles (tractor trailers are available in villages) wherever necessary, the schedule of rates either on kilo meter basis or on a per day basis may be fixed. The TGDISCOMs are hereby directed to submit the measures taken in this regard and number of vehicles deployed sub-division wise including the expenditure incurred towards the same on a monthly basis showing number of transformers failed and number of transformers replaced.
4. **Action plan on awareness and safety:** The Commission directs DISCOMs to submit a detailed action plan within three months, outlining steps being taken to create awareness among consumers regarding safety to reduce accidents.
5. **Electrical accidents & Ex-gratia:** The TGDISCOMs are directed to submit details in respect of electrical accidents caused on account of departmental faults (operational or safety and other factors) and caused on account of non-departmental faults (external or consumer-related) and submit a detailed action plan within 3 months outlining the steps taken/contemplated to reduce the electrical accidents and improve the safety of the consumers.
6. The TGDISCOMs are directed to make all possible efforts to improve their internal efficiency and reduce the gap between ACS and ARR.
7. The TGDISCOMs are directed to bring awareness among the consumers about energy conservation measures to reduce the consumption during peak hours to optimize the power purchase cost.

8. The TGDISCOMs are directed to follow the mechanism to take the meter readings of the domestic consumers only on completion of one month and calculate the number of units consumed for calendar month.
9. The Commission directs the TGDISCOMs to strictly comply with Regulation 2 of 2023 and ensure that all future True-up, ARR & Tariff Proposals and FCA claims are filed within the stipulated timelines. Any deviation from the prescribed schedule shall attract regulatory action.
10. The Commission directs the TGDISCOMs to come up with reasons for such losses, detailed mechanism for reducing losses, efforts being employed to reduce the losses and bring the same to national average or less than that. (Para 3.3.21)
11. TGDISCOMs are directed to conduct energy audits on a quarterly basis and submit the audit reports to the Commission within 15 days from the close of each quarter. The TGDISCOMs are further directed to ensure timely availability of quarter-wise energy audit reports in public domain. (Para 3.3.22)
12. The Commission directs the TGDISCOMs to maintain comprehensive records of all short-term energy procurement transactions, including those made through open market and power exchanges, and to submit monthly reports of such transactions to the Commission through email. The complete transaction records shall also be submitted to the Commission during true-up proceedings for verification. (Para 3.4.25)
13. In view of the continued non-resolution of the matter, and considering that both Machkund Hydro Electric Project and Tungabhadra Hydro Electric Project are inter-State projects located outside the geographical boundary of the erstwhile combined State of Andhra Pradesh, the Commission advised the Government of Telangana to take up the issue with the Governments of Andhra Pradesh and Odisha (for securing the State's due allocations from Machkund PH) and with the Governments of Andhra Pradesh and Karnataka (for securing the State's due allocations from Tungabhadra PH). The TGDISCOMs are directed to follow up with the Government of Telangana in this regard and submit a report. (Para 3.4.33)
14. TGDISCOMs are directed to conduct a study through an independent institution of repute such as CPRI, IIT, or NIT and submit the report to the Commission by 30<sup>th</sup> September 2026. The study shall quantify the actual cost of each grid support service rendered to co-located CPPs and the corresponding avoided costs to CPPs by virtue of grid connectivity. It shall also examine whether differential treatment between conventional and renewable energy CPPs is warranted, and evaluate the suitability of service-based standby charge



- frameworks as adopted in other states. (Para 3.24.41)
15. TGDISCOMs are directed to keep pursuing with the government for clearance of outstanding electricity bills of Government Departments and submit the report of recovery to the Commission in the filings for next year. (Para 3.26.22)
  16. The Commission directs TGSPDCL to conduct a joint inspection with GMR Hyderabad International Airport Limited to ascertain the proportion of aviation and non-aviation loads and submit the inspection report to the Commission by 30<sup>th</sup> September 2026. (Para 3.29.22)
  17. The Commission therefore directs that charges recovered from end consumers under single-point HT-VI connections shall be strictly proportionate to actual consumption and shall not exceed the applicable HT-VI tariff under any circumstances. No additional charges of any nature shall be levied beyond such proportionate amount. TGDISCOMs are directed to bring this directive to the notice of all such societies within their jurisdiction. The Commission cautions that violations will invite appropriate regulatory action. (Para 3.29.139)
  18. The Commission directs the TGDISCOMs to follow the procedure laid out in the GTCS and applicable regulation until further directions by the Commission. However, TGDISCOMs have filed an application for consideration, appropriate orders will be issued in due course. (Para 3.29.144)
  19. The Commission directs the TGDISCOMs to examine the feasibility of introducing a Load Factor incentive mechanism and submit a detailed proposal to the Commission by 30<sup>th</sup> September 2026, for consideration in future tariff filings. (Para 3.29.159)
  20. For LT consumers, any change in category due to change in demand due to unblocking of leading kVA<sub>rh</sub> shall be ignored for the period the unblocking of lead kVA<sub>rh</sub> was implemented prior to issue of the Proceedings No. 07/Tariff/TGERC dated 27.02.2026. Further, considering the representations from stakeholders, this exemption from unblocking of leading kVA<sub>rh</sub> for the purpose of kVA<sub>h</sub> billing for LT consumers is further extended upto 30<sup>th</sup> June 2026. (Para 3.29.211)
  21. TGDISCOMs are directed to adjust the excess amounts billed to HT consumers on account of unblocking of leading kVA<sub>rh</sub> during the first two (2) months of implementation in the next six (6) billing cycles from the date of issue of this order. For HT consumers, during unblocking period change in category due to change in demand may be ignored for the first two (2) months of implementation of unblocking of leading kVA<sub>rh</sub> for the purpose of kVA<sub>h</sub> billing. (Para 3.29.212)

22. In order to promote rooftop solar adoption and ensure fairness in billing, the Commission directs TGDISCOMs to revert to the earlier practice of determining tariff slabs based on net consumption (import minus export) for net metered solar rooftop consumers. TGDISCOMs are further directed to adjust the excess amounts collected from such consumers due to the change in billing methodology, against the next three billing cycles from the date of issue of this Order. (Para 3.30.4)
23. The TGDISCOMs are directed to submit detailed circle wise monthly reports indicating the number of electrical accidents occurred, reasons for such electrical accidents, ex-gratia paid, and if not paid within two (2) months from date of accident the reasons for the delay. The TGDISCOMs are directed to simplify documentation requirements for claiming the Ex-gratia and ensure claims are settled expeditiously. (Para 3.30.19)
24. The Commission directs TGDISCOMs to strictly ensure compliance with Standards of Performance (SoP) Regulation and submit quarterly compliance report. (Para 3.30.20)
25. The Commission directs TGDISCOMs to expedite the initiative towards Demand Side Management (DSM) and submit the report/proposal to the Commission. (Para 3.30.33)
26. The Commission directs the TGDISCOMs to strengthen preventive maintenance, conduct periodic inspections, and ensure timely rectification of defects such as loose lines, damaged poles and overloading of DTRs to improve reliability and public safety. (Para 3.30.45)
27. The Commission has taken note of the concerns on delays in service connections and directs the TGDISCOMs to strictly adhere to Standards of Performance and address consumer complaints promptly. Any deviation shall be monitored closely. (Para 3.30.46)
28. The Commission reiterates and directs the TGDISCOMs and CGRFs again to undertake sustained and wide-ranging awareness programmes through field offices, Gram Panchayats and other local bodies, ensuring that consumers are fully informed about the availability, role and procedures of CGRF. The TGDISCOMs shall also ensure that adequate infrastructure, staffing and logistical support are provided for effective functioning of the Forums. Strict compliance shall be ensured, and a detailed report on the actions taken in this regard shall be submitted to the Commission within a stipulated timeframe. (Para 3.30.48)



**Newspaper clippings dated 08.01.2026 in the New Indian Express**

Page | 302



**BEFORE THE HONOURABLE TELANGANA ELECTRICITY REGULATORY COMMISSION**  
Vidyut Niyantran Bhavan, G.T.S. Colony, Kalyan Nagar, Hyderabad 500 045

Page | 303

## Page | 304



[illegible]



**BEFORE THE HONOURABLE TELANGANA ELECTRICITY REGULATORY COMMISSION**  
Vidyut Niyantran Bhavan, G.T.S. Colony, Kalyan Nagar, Hyderabad 500 045


**NORTHERN POWER DISTRIBUTION COMPANY  
OF TELANGANA LIMITED (TGNPDCL)**

## PUBLIC NOTICE

[illegible][illegible]**SE: CHAIRMAN & MANAGING DIRECTOR**

Northwestern Power (Northwestern Company of  
of Fortangana Limited)

| Category             | USA  | UK   | France |
|----------------------|------|------|--------|
| At 440 Poultry Farms |      |      |        |
| 100%                 | 100% | 100% |        |

[illegible]

## Newspaper clippings dated 25.02.2026

## New Indian Express

**BEFORE THE HONOURABLE  
TELANGANA ELECTRICITY REGULATORY COMMISSION**  
Vidyut Niyamtran Bhavan, G.T.S. Colony, Kalyan Nagar,  
Hyderabad - 500 045

**NORTHERN POWER DISTRIBUTION COMPANY  
OF TELANGANA LIMITED (TGNPDCL)**

**PUBLIC NOTICE**

Notice is hereby given to all that, the public hearing in O.P. No.79 of 2025 for revised ARR, FPT & CSS proposal for FY 2026-27 for the Retail Supply Business of TGNPDCL originally scheduled on 05.03.2026 is rescheduled to **06.03.2026 (Friday) at District Collectorate, Hanumakonda from 10:30 AM onwards.**

Sd/-  
**CHAIRMAN & MANAGING DIRECTOR**  
Northern Power Distribution  
Company of Telangana Limited

Place: Hanumakonda  
Date: 25.02.2026  
DIPR R.O. No. 15950-PP/CL/Adv/1/2025-26, Dt: 24/02/2026

## Deccan Chronicle

**NORTHERN POWER DISTRIBUTION  
COMPANY OF TELANGANA LIMITED  
(TGNPDCL)**

**BEFORE THE HONORABLE  
TELANGANA ELECTRICITY REGULATORY COMMISSION**  
Vidyut Niyamtran Bhavan, G.T.S. Colony, Kalyan Nagar,  
Hyderabad 500 045

**PUBLIC NOTICE**

Notice is hereby given to all that, the public hearing in O.P. No.79 of 2025 for revised ARR, FPT & CSS proposal for FY 2026-27 for the Retail Supply Business of TGNPDCL originally scheduled on 05.03.2026 is rescheduled to **06.03.2026 (Friday) at District Collectorate, Hanumakonda from 10:30 AM onwards.**

Sd/-  
**CHAIRMAN & MANAGING DIRECTOR**  
Northern Power Distribution  
Company of Telangana Limited

Place: Hanumakonda.  
Date: 25.02.2026  
DIPR RO No.: 15950-PP/CL/ADVT/1/2025-26

## Mana Telangana

ప్రభుత్వం ఆమోదించిన దానిని అనుసరించాలి. సమాచారం మరియు విద్యుత్ సరఫరా.

**గణతంత్ర్యం మరియు తెలంగాణ**  
**విద్యుత్ సరఫరా మరియు విద్యుత్ సరఫరా**  
విద్యుత్ నియంత్రణ భవన్, జి.టి.ఎస్. కాలనీ, కల్యాణ నగర్, హైదరాబాద్-500045

**N/D ఉత్తర తెలంగాణ విద్యుత్ పంపిణీ సంస్థ  
(TGNPDCL)**

**బహిరంగ ప్రకటన**

ఇందుమూలంగా యావన్ముందికి తెలియజేయునది ఏమనగా TGNPDCL రిటైల్ సరఫరా వ్యాపారం కోసం 2026-27 ఆర్థిక సంవత్సరానికి సవరించిన ARR, FPT & CSS ప్రతిపాదనల కోసం O.P. నెం. 79/2025లో బహిరంగ విచారణను మొదట నిర్ణయించబడిన తేది: 05.03.2026 నుండి తేది: 06.03.2026 (శుక్రవారం) హనుమకొండలోని జిల్లా కలెక్టరేట్లో ఉదయం 10.30 గంటలకు మార్చబడినది.

మ/-  
స్థలం: హనుమకొండ  
తేది: 25.02.2026  
చైర్మన్ మరియు మేనేజింగ్ డైరెక్టర్  
టి.జి.ఎన్.పి.డి.సి.ఎల్, హనుమకొండ



## Velugu

గౌరవనీయులైన తెలంగాణ విద్యుత్ నియంత్రణ మండలి వారి సమక్షంలో  
విద్యుత్ నియంత్రణ భవన్, జి.టి.ఎస్. కాలనీ, కళ్యాణ నగర్, హైదరాబాద్-500 045

 **ఉత్తర తెలంగాణ షిఫ్టుత్ పంపిణీ సంస్థ**  
**(TGNPDCL)**

**బహిరంగ ప్రకటన**

ఇందుమూలంగా యావన్మందికి తెలియజేయునది ఏమనగా TGNPDCL రిటైల్ సరఫరా వ్యాపారం కోసం 2026-27 ఆర్థిక సంవత్సరానికి సవరించిన ARR, FPT & CSS ప్రతిపాదనల కోసం O.P. నెం.79 /2025 లోని బహిరంగ విచారణను మొదట నిర్ణయించబడిన తేదీ: 05.03.2026 నుండి తేదీ: **06.03.2026 (శుక్రవారం)** హనుమకొండ లోని జిల్లా కలెక్టరేట్‌లో ఉదయం **10:30 గంటలకు** మార్చబడినది. స్థలం: హనుమకొండ సంగం / - చైర్మన్ మరియు మేనేజింగ్ డైరెక్టర్ తేదీ: **25.02.2026** టీజిఎన్పిడిసిఎల్, హనుమకొండ

DI PR R.O. No. 15949-PP/CL/ADVT/1/2025-26. Dt: 24-02-2026

## Siasat Daily

TELANGANA ELECTRICITY REGULATORY COMMISSION  
VidyutNiyantaranBhavan, G.T.S. Colony, Kalyan Nagar, Hyderabad 500 045

 **NORTHERN POWER DISTRIBUTION  
COMPANY OF TELANGANA LIMITED  
(TGNPDCL)**

**PUBLIC NOTICE**

Notice is hereby given to all that, the public hearing in O.P. No.79 of 2025 for revised ARR, FPT & CSS proposal for FY 2026-27 for the Retail Supply Business of TGNPDCL originally scheduled on 05.03.2026 is rescheduled to 06.03.2026 (Friday) at District Collectorate Hanumakonda from 10:30 AM onwards.

Sd/-

**CHAIRMAN & MANAGING DIRECTOR**  
Northern Power Distribution Company of Telangana Limited

Place: Hanumakonda.  
Date: 25.02.2026

R.O. No. 15951-PP/CL/ADVT/1/2025-26



**ANNEXURE II: LIST OF STAKEHOLDERS****Written submissions by stakeholders on Filings made by TGNPDCL**

| <b>Sl. No.</b> | <b>Objector Name and address</b>                                                                                                                                                                                                                                                                                                                               | <b>Date of Objection</b> |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 1              | M. Venugopala Rao<br>Senior Journalist & Convener,<br>Centre for Power Studies, H.No.1-100/MP/101,<br>Monarch Prestige, Journalist's Colony, Serilingampally Mandal,<br>Hyderabad - 500 032                                                                                                                                                                    | 09.01.2026<br>07.02.2026 |
| 2              | ITC Limited-Paperboards & Specialty Papers Division<br>6th Floor, Sattva Signature Tower, Road No.1,<br>Banjara Hills, Hyderabad-500034, Telangana State.                                                                                                                                                                                                      | 31.01.2026               |
| 3              | Ic. Project Director<br>PIU-Kalaburagi,<br>National Highways Authority of India<br>(Ministry of Road Transport & Highways)<br>Project Implementation Unit<br>Plot No. 65, Kothari Layout, Venkatesh Nagar,<br>GULBARGA - 585 102 (Karnataka State)                                                                                                             | 19.01.2026               |
| 4              | M. Gopal<br>Chief Electrical Distribution Engineer<br>South Central Railway<br>Headquarters Office, Electrical Department,<br>4th Floor, C- Block, Rail Nilayam, Secunderabad - 500 025                                                                                                                                                                        | 29.01.2026               |
| 5              | Venkat N. K. K<br>Independent Member- CGRF (Rural)- (TGSPDCL)<br>General Secretary - Telangana State Solar Open Access DEVELOPERS<br>Association (TSOADA)<br>Member- Energy Committee- Federation of Chamber of Commerce of<br>Telangana (FTCCI)<br>G-202, Aditya Hilltop, Veterinary colony, Road<br>No. 82, Jubilee Hills, Film Nagar, Hyderabad-<br>500096. | 31.01.2026               |
| 6              | R V Subba Rao<br>H.No.12-13-657, 2nd Floor, Lane No.1, Street No.14,<br>Nagarjuna Nagar, Tarnaka, Secunderabad, Telangana State, India                                                                                                                                                                                                                         | 30.01.2026               |
| 7              | M. Thimma Reddy,<br>Convenor, Peoples Monitoring Group on Electricity Regulation, H. No.3-<br>4-107/1,<br>Plot No. 39, Radha Krishna Nagar,<br>Attapur, Hyderabad - 500 048                                                                                                                                                                                    | 25.01.2026               |
| 8              | PV Subbareddy<br>Convenor, Bharatiya Agro Economic & Research, Center, 2-2-24/P, DD<br>Colony, Baghamburpet, Hyderabad- 500013                                                                                                                                                                                                                                 | 31.01.2026               |
| 9              | Vijayabhasker<br>Bharatiya Kisan Sangh,<br>F.No. G2, H No 2-1-174 & 175,<br>Old Ramalayam Veedi, Rajupt Residency, Nallakunta, Hyderabad- 500044                                                                                                                                                                                                               | 31.01.2026               |

|    |                                                                                                                                                                                         |                                        |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 10 | Sridhar Reddy<br>Bharatiya Kisan Sangh,<br>F.No. G2 H.No. 2-1-174 & 175,<br>Old Ramalayam Veedi, Rajput Residency, Nallakunta, Hyderabad- 500044                                        | 31.01.2026                             |
| 11 | Domaaru Ram<br>Bharatiya Kisan Sangh,<br>F.No. G2, H No 2-1-174 & 175,<br>Old Ramalayam Veedi, Rajput Residency, Nallakunta, Hyderabad- 500044                                          | 31.01.2026                             |
| 12 | Srirangarao<br>Bharatiya Kisan Sangh<br>F.No. G2, H No 2-1-174 & 175,<br>Old Ramalayam Veedi, Rajput Residency, Nallakunta, Hyderabad- 500044                                           | 31.01.2026                             |
| 13 | L.Manikreddy<br>Reddy H.No 1-3, Naareguda Village, Nawabpet Mandal, Vikarabad post-501101                                                                                               | 30.01.2026                             |
| 14 | M.Sridhar Reddy Bharatiya Kisan Sangh,<br>F No G2, H No 2-1-174 & 175, Old Ramalayam Veedi, Rajput Residency                                                                            | 30.01.2026                             |
| 15 | Guda Mahendar Reddy,<br>Velikatta Village, Kondapaka Mandal, Siddipet Dist.                                                                                                             | 31.01.2026                             |
| 16 | Indian Oil Corporation Limited<br>Hyderabad Terminal<br>Survey No. 183, IDA Phase-III,<br>Cherlapalli, Hyderabad - 500051                                                               | 06.02.2026<br>07.02.2026<br>23.02.2026 |
| 17 | Srihari Dukkupati<br>Fellow, Prayas (Energy Group), Unit III A&B, Devgiri, Joshi Rail Museum Lane Kothrud, Pune, Maharashtra, 411038, India                                             | 06.02.2026                             |
| 18 | POWER FOUNDATION OF INDIA<br>B-28, Qutab Institutional Area, New Delhi-110 016                                                                                                          | 30.01.2026                             |
| 19 | M Sridhar Reddy<br>Bharatiya Kisan Sangh                                                                                                                                                |                                        |
| 20 | Bommineni Ravinder Reddy<br>Telangana Cotton Miller's&Traders Association<br># 8-2-29318AU1581A, 3RD Floor, Near Andhra Bank, MLA Colony, Banjara Hills, Hyderabad, Telangana - 500 034 | 12.02.2026                             |
| 21 | Chinthalapalli Veera Rao<br>WARANGAL COTTON MILLERS&TRADERS WELFARE ASSOCIATION<br>H.No. 4E-2-1194. Enumamula Market to CKM College Road, Enumamula Warangal urban - 506 006.           | 12.02.2026                             |
| 22 | Maduri Vedaprakash<br>Old Grain Market Area, Warangal-506 002 T. S                                                                                                                      | 12.02.2026                             |
| 23 | T. Sujatha, Sr. Director<br>FTCCI, 11-6-841. Federation House, Federation Marg, Red Hills, Hyderabad - 500004                                                                           | 12.02.2026<br>16.02.2026               |
| 24 | Erukulla Rajneesh<br>Hanamakonda Dist., Telangana State-506003.                                                                                                                         | 14.02.2026                             |
| 25 | Tuljaram Singh Thakur<br>Retired Engineer,<br>H.No.4-9-93, Bandlaguda Jagir, Hyderabad.                                                                                                 |                                        |
| 26 | Telanganana Oil Industries & Trade Association<br>H.No. 15-2-677, Kishan Gunj, Hyderabad-500 012                                                                                        | 30.01.2026                             |

|    |                                                                                                                                                                                                                               |                          |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 27 | M Chakradhara Reddy<br>The Warangal Granite Factory Owner's Association<br>H.No: 1-1-850, Siddhartha Nagar, Kazipet, Hanumakonda, Telangana State                                                                             | 17.12.2025<br>17.02.2026 |
| 28 | Laghu Udyog Bharati - Telangana<br>All India Organization in Service of Small Scale Industries, #5-283,<br>Aswini House, H.P Road, Moosapet, Hyderabad - 500 018, Telangana,<br>INDIA.                                        | 17.02.2026               |
| 29 | Vijaya Sai Meka<br>President, NAREDCO Telangana<br>No.301, 3 Floor, Vasavi Corporate Building, Road No.12, Banjara Hills,<br>Hyderabad - 500034.                                                                              | 16.02.2026               |
| 30 | COAI<br>14, Bhai Veer Singh Marg, New Delhi - 110 001                                                                                                                                                                         | 18.02.2026               |
| 31 | All India Yadav Mahasabha<br>Sri Krishna Bhawan, Sector IV, Vaishali THA. Gahziabad - 201 044 (U.P)                                                                                                                           | 13.02.2026               |
| 32 | TELANGANA IRON & STEEL MANUFACTURERS ASSOCIATION<br>Regd. Office: Flat No. 101, 1st Floor, Satya Sarovar Apt, Ghansi Bazar,<br>Near High Court, Hyderabad-500002, Telangana.                                                  | 16.02.2026               |
| 33 | Telangana Spinning & Textile Mills Association<br>Surya Towers, 1st Floor, Sardar Patel Road,<br>Secunderabad- 500 003. Telangana State, India                                                                                | 16.02.2026               |
| 34 | Devinder Singh<br>Major, Garrison Engineer(U),<br>Military Engineer Services, Mudfort,<br>Secunderabad - 500 003                                                                                                              | 19.02.2026               |
| 35 | FEDERATION OF TELANGANA SMALL (MSME) INDUSTRIES<br>ASSOCIATIONS<br>Y Office: Administrative Building, Industrial Estate, Sanath Nagar,<br>Hyderabad-500 018, Telangana, India.                                                | 19.02.2026               |
| 36 | Shiridi Sai Granites<br>Plot No. 86&97, Industrial Park, Madikonda,<br>Hanumakonda Dist, Telangana-506142                                                                                                                     | 20.02.2026               |
| 37 | Rice Millers Association Telangana State<br>Office: Flat No. 108, Taj Enclave, Beside Meera Theatre, Khairatabad,<br>Hyderabad - 500 004                                                                                      | 13.01.2026               |
| 38 | UPPAL NOTIFIED MUNICIPAL INDUSTRIAL AREA SERVICE<br>SOCIETY<br>(Regd. No. 1857/ 16 Dated 04.04.1996)<br>K-2, Plot No. 9, RPR-UPL-NH 202, IDA, UPPAL, HYDERABAD - 500<br>039.                                                  | 23.02.2026               |
| 39 | I. Gopinath<br>Chief Executive Officer<br>SOUTH INDIAN CEMENT MANUFACTURERS' ASSOCIATION<br>Administrative Office: 3rd Floor, 36th Square, Plot no. 481, Road no. 36,<br>Jubilee Hills, Hyderabad - 500034, Telangana, India. | 23.02.2026               |
| 40 | Shree Mangalam Industries                                                                                                                                                                                                     | 01.03.2026               |
| 41 | Bandi Jaya Kishore<br>President, CREDAI Khammam Chapter<br>Telangana                                                                                                                                                          | 27.02.2026               |



|    |                                                                                                                                                                                                                                     |            |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 42 | JAGTIAL DISTRICT PARA BOILED RICE INDUSTRY OWNERS WELFARE ASSOCIATION<br>H.No. 5-256/2/5, Flat No. 401, Venkata Sai Classic Apartment, Sairam nagar, Mothe - Jagtial. (Dist.) Telangana.                                            |            |
| 43 | Mandadapu Ramakrishna<br>Sri Venkateshwara Constructions<br>Khammam, Telangana                                                                                                                                                      | 02.03.2026 |
| 44 | HYDERABAD METROPOLITAN WATER SUPPLY & SEWERAGE BOARD<br>Admn. Building, Khairatabad, Hyderabad-500 004.                                                                                                                             | 20.02.2026 |
| 45 | Akhila Bharatheeya Vishwakarma Parishad<br>Central Office: Tilak Nagar, T.R.T. 141, Street No.9, Jawaharnagar, Hyderabad-20, Telangana, India                                                                                       | 28.02.2026 |
| 46 | Peddi Kesavarao<br>Sri Venkateshwara Constructions<br>Khammam, Telangana                                                                                                                                                            | 02.03.2026 |
| 47 | R Sivaprasad Reddy<br>Chairman - CII Telangana &<br>Managing Director, Rachamalla Forgings Ltd<br>Confederation of Indian Industry<br># 1-11-252/9, Plot No 7, Regal House,<br>Motilal Nehru Nagar, Begumpet,<br>Hyderabad - 500016 |            |
| 48 | Shikhar Granites                                                                                                                                                                                                                    | 01.03.2026 |
| 49 | V.S. Jayarajan<br>General Manager<br>SREE ASTALAXMI SPINNING MILLS (P) LTD<br>( MANUFACTURER OF COTTON YARN)<br>SURVEY NO.38, LIGHT INDUSTRIAL AREA,<br>ADILABAD-504001 (T.S.)                                                      | 28.02.2026 |

**Written submissions by stakeholders on Filings made by TGSPDCL**

| Sl. No. | Objector Name and address                                                                                                                                                                                                                                                                                                                                    | Date of Objection        |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 1       | M. Venugopala Rao<br>Senior Journalist & Convener,<br>Centre for Power Studies, H.No.1-100/MP/101,<br>Monarch Prestige, Journalist's Colony, Serilingampally Mandal, Hyderabad<br>- 500 032                                                                                                                                                                  | 09.01.2026<br>07.02.2026 |
| 2       | R V Subba Rao<br>H.No.12-13-657, 2nd Floor, Lane No.1, Street No.14, Nagarjuna Nagar,<br>Tarnaka, Secunderabad<br>Telangana State, India                                                                                                                                                                                                                     | 30.01.2026               |
| 3       | Ic. Project Director<br>PIU - Kalaburagi,<br>National Highways Authority of India<br>(Ministry of Road Transport & Highways)<br>Project Implementation Unit<br>Plot No. 65, Kothari Layout, Venkatesh Nagar,<br>GULBARGA - 585 102 (Karnataka State)                                                                                                         | 19.01.2026               |
| 4       | M. Gopal<br>Chief Electrical Distribution Engineer<br>South Central Railway<br>Headquarters Office, Electrical Department,<br>4th Floor, C- Block, Rail Nilayam, Secunderabad - 500 025                                                                                                                                                                      | 29.01.2026<br>18.02.2026 |
| 5       | Venkat N.K.K<br>Independent Member- CGRF (Rural)- (TGSPDCL)<br>General Secretary - Telangana State Solar Open Access DEVELOPERS<br>Association (TSOADA)<br>Member- Energy Committee- Federation of Chamber of Commerce of<br>Telangana (FTCCI)<br>G-202, Aditya Hilltop, Veterinary colony, Road<br>No. 82, Jubilee Hills, Film Nagar, Hyderabad-<br>500096. | 31.01.2026               |
| 6       | M. Thimma Reddy,<br>Convenor, Peoples Monitoring Group on Electricity Regulation, H. No.3-4-<br>107/1,<br>Plot No. 39, Radha Krishna Nagar,<br>Attapur, Hyderabad - 500 048                                                                                                                                                                                  | 25.01.2026               |
| 7       | Vijay Rathod<br>Chief Project & Engineering Officer<br>GMR Hyderabad international Airport limited<br>Rajiv Gandhi International Airport Limited                                                                                                                                                                                                             | 29.01.2026               |
| 8       | PV Subbareddy<br>Convenor, Bharatiya Agro Ecomomic & Research, Center, 2-2-24/P, DD<br>Colony, Baghamberpet, Hyderabad- 500013                                                                                                                                                                                                                               | 31.01.2026               |

|    |                                                                                                                                                          |            |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 9  | ITC Limited-Paperboards & Specialty Papers Division<br>6th Floor, Sattva Signature Tower, Road No.1, Banjara Hills, Hyderabad-500034. Telangana State.   | 31.01.2026 |
| 10 | Vijayabhasker<br>Bharatiya Kisan Sangh,<br>F.No. G2, H No 2-1-174 & 175,<br>Old Ramalayam Veedi, Rajput Residency, Nallakunta, Hyderabad- 500044         | 31.01.2026 |
| 11 | Sridhar Reddy<br>Bharatiya Kisan Sangh,<br>F.No. G2 H.No. 2-1-174 & 175,<br>Old Ramalayam Veedi, Rajput Residency, Nallakunta, Hyderabad- 500044         | 31.01.2026 |
| 12 | Domaaru Ram<br>Bharatiya Kisan Sangh,<br>F.No. G2, H No 2-1-174 & 175,<br>Old Ramalayam Veedi, Rajput Residency, Nallakunta, Hyderabad- 500044           | 31.01.2026 |
| 13 | Srirangarao<br>Bharatiya Kisan Sangh<br>F.No. G2, H No 2-1-174 & 175,<br>Old Ramalayam Veedi, Rajput Residency, Nallakunta, Hyderabad- 500044            | 31.01.2026 |
| 14 | L.Manikreddy<br>Reddy H.No 1-3, Naareguda Village, Nawabpet Mandal, Vikarabad post-501101                                                                | 30.01.2026 |
| 15 | M.Sridhar Reddy<br>Bharatiya Kisan Sangh,<br>F No G2, H No 2-1-174 & 175, Old Ramalayam Veedi, Rajput Residency                                          | 30.01.2026 |
| 16 | Guda Mahendar Reddy<br>Velikatta Village, Kondapaka Mandal, Siddipet Dist.                                                                               | 27.01.2026 |
| 17 | K. Jaswanth Reddy<br>H.No: 11-1-78/2, Shivaji Nagar, Siddipet-502103                                                                                     | 27.01.2026 |
| 18 | Konatham Lingareddy<br>H.No. 102, Vinayaka Homes, Vidyanagar, Miryalaguda, Nalgonda Dist.                                                                | 27.01.2026 |
| 19 | Vidyasagar<br>Thopucherla Village, Vemula Mandal, Nallagonda Dist                                                                                        | 28.01.2026 |
| 20 | Pusala Nagesh,<br>Gadicharlapalli Village, Siddipet Urban Mandal, Siddipet Dist                                                                          | 30.01.2026 |
| 21 | C.Chandraa Goud<br>Village Lingapur, Thoguta Mandal, Dist Siddipet                                                                                       | 30.01.2026 |
| 22 | Kotla Balakishtaa Reddy<br>Village Pedipalli, Parigi Mandal, Vikarabad Dist,                                                                             | 30.01.2026 |
| 23 | G.Chandraiah<br>District Secretary of Bharatiya Kisan Sangam,<br>H. no 5-15, Nandi Vaddeman Village, Bijinapalli Mandal, Nagarkurnool District, -509 215 | 30.01.2026 |
| 24 | M. Rajender Reddy<br>Village Chityala, Mandal Parigi, Vikarabad Dist.                                                                                    | 30.01.2026 |



|    |                                                                                                                                             |                          |
|----|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 25 | Saama Govardhan Reddy<br>Village Kama Reddy Guda, Post Dasnaram, Mandal and Dist Vikarabad                                                  | 30.01.2026               |
| 26 | Yeddula Anjan Reddy<br>Chowdarpalli Village, Vangur Mandal, Kalvakurthi Division, Nagar Kurnool Dist                                        | 30.01.2026               |
| 27 | G. Gajendhar<br>Village NagarKunta, Mandal Shabad, Rangareddy Dist-509217                                                                   | 30.01.2026               |
| 28 | N. Venkatareddy<br>Village Kerelly, Dharoor Mandal, Vikarabad Dist-501121                                                                   | 30.01.2026               |
| 29 | Indian Oil Corporation Limited<br>Hyderabad Terminal, Survey No. 183, IDA Phase-III, Cherlapalli, Hyderabad - 500051                        | 06.02.2026<br>17.02.2026 |
| 30 | Srihari Dukkupati<br>Fellow, Prayas (Energy Group), Unit III A&B, Devgiri, Joshi Rail Museum Lane Kothrud, Pune, Maharashtra, 411038, India | 06.02.2026               |
| 31 | POWER FOUNDATION OF INDIA<br>B-28, Qutab Institutional Area, New Delhi-110 016                                                              | 30.01.2026               |
| 32 | Appalolla Chinna Narsimulu<br>Bapanpalle Village, Damaragidda Mandal,                                                                       | 28.01.2026               |
| 33 | K Venkat<br>Lingarellypalle Village, Damaragidda Mandal                                                                                     | 28.01.2026               |
| 34 | K Ushanna<br>Linareddypalle Village, Damaragidda Mandal                                                                                     | 28.01.2026               |
| 35 | Kavali Mogilamma<br>Linareddypalle Village, Damaragidda Mandal                                                                              | 28.01.2026               |
| 36 | B Kanthamma<br>Linareddypalle Village, Damaragidda Mandal                                                                                   | 28.01.2026               |
| 37 | P Chinna Narsappa<br>Bapanpalle Village, Damaragidda Mandal                                                                                 | 28.01.2026               |
| 38 | B Mogulamma<br>Bapanpalle Village, Damaragidda Mandal                                                                                       | 28.01.2026               |
| 39 | Kavali Mogilamma<br>Linareddypalle Village, Damaragidda Mandal                                                                              | 28.01.2026               |
| 40 | Kavali Mogilamma<br>Linareddypalle Village, Damaragidda Mandal                                                                              | 28.01.2026               |
| 41 | H Manikamma<br>Linareddypalle Village, Damaragidda Mandal                                                                                   | 28.01.2026               |
| 42 | K Chinnabugappa<br>H.No. 2-41, Malreddipalle Village, Damaragidda Mandal                                                                    | 28.01.2026               |
| 43 | M.Santhi Vardhani<br>H. No.21-5/2, VV Nagar, Dilsukhnagar, Hyderabad.                                                                       | 09.02.2026               |
| 44 | M Madhavareddy<br>Village and Mandal Nawabpet, Vikarabad Dist.                                                                              | 28.01.2026               |
| 45 | K Narsappa<br>LingareddyPally Village, Damaragidda Mandal                                                                                   | 28.01.2026               |

|    |                                                                                                                                                                                     |                          |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 46 | P Kannappa<br>Bapanpalli Village, Damaragidda Mandal                                                                                                                                | 28.01.2026               |
| 47 | M Sridhar Reddy<br>Bharatiya Kisan Sangh                                                                                                                                            | 28.01.2026               |
| 48 | CREDAI, HYDERABAD<br>Lumbini Jewel Mall, 4th Floor, Road No. 2,<br>Banjara Hills, Hyderabad, Telangana, 500034                                                                      | 11.02.2026               |
| 49 | T. Sujatha, Sr. Director<br>FTCCI, 11-6-841. Federation House, Federation Marg, Red Hills,<br>Hyderabad - 500004                                                                    | 12.02.2026<br>16.02.2026 |
| 50 | K Jashwanth Reddy<br>H.No:11-1-78/2, Bharath Nagar, Siddipet Dist                                                                                                                   | 13.02.2026               |
| 51 | Tuljaram Singh Thakur<br>Retired Engineer,<br>H.No.4-9-93, Bandlaguda Jagir, Hyderabad.                                                                                             |                          |
| 52 | P Sanjeevareddy<br>Jaala Village, Rajapeta Mandal, Yadadri Bhivanagiri Dist.                                                                                                        | 15.02.2026               |
| 53 | Telangana Oil Industries & Trade Association<br>H.No. 15-2-677, Kishan Gunj, Hyderabad-500 012                                                                                      | 30.01.2026               |
| 54 | M Chakradhara Reddy<br>The Warangal Granite Factory Owner's Association<br>H.No: 1-1-850, Siddhartha Nagar, Kazipet, Hanumakonda, Telangana State                                   | 17.12.2025<br>17.02.2026 |
| 55 | Laghu Udyog Bharati - Telangana<br>All India Organization in Service of Small Scale Industries, #5-283, Aswini<br>House, H.P Road, Moosapet, Hyderabad - 500 018, Telangana, INDIA. | 17.02.2026               |
| 56 | Vijaya Sai Meka<br>President, NAREDCO Telangana<br>No.301, 3 Floor, Vasavi Corporate Building, Road No.12, Banjara Hills,<br>Hyderabad - 500034.                                    | 16.02.2026<br>04.03.2026 |
| 57 | COAI<br>14, Bhai Veer Singh Marg, New Delhi - 110 001                                                                                                                               | 18.02.2026               |
| 58 | All India Yadav Mahasabha<br>Sri Krishna Bhawan, Sector IV, Vaishali THA. Gahziabad - 201 044 (U.P)                                                                                 | 13.02.2026               |
| 59 | TELANGANA IRON & STEEL MANUFACTURERS ASSOCIATION<br>Regd. Office:Flat No. 101, 1st Floor, Satya Sarovar Apt, Ghansi Bazar,<br>Near High Court,<br>Hyderabad-500002, Telangana.      | 16.02.2026               |
| 60 | Telangana Spinning & Textile Mills Association<br>Surya Towers, 1st Floor, Sardar Patel Road,<br>Secunderabad- 500 003. Telangana State, India                                      | 16.02.2026               |
| 61 | Devinder Singh<br>Major, Garrison Engineer(U), Military Engineer Services, Mudfort,<br>Secunderabad - 500 003                                                                       | 19.02.2026               |
| 62 | PATANCHERU NOTIFIED MUNICIPAL INDUSTRIAL AREA<br>SERVICE SOCIETY<br>(Regd. No. 5872 of 1998)                                                                                        | 30.10.2025               |

|    |                                                                                                                                                                                                                                   |            |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
|    | Ground Floor. TGIIC Admn. Bldg.. Main Road.<br>Patancheru - 502 319, Telangana.                                                                                                                                                   |            |
| 63 | HYDERABAD METROPOLITAN WATER SUPPLY & SEWERAGE<br>BOARD<br>Admn. Building, Khairatabad, Hyderabad-500 004.                                                                                                                        | 20.02.2026 |
| 64 | FEDERATION OF TELANGANA SMALL (MSME) INDUSTRIES<br>ASSOCIATIONS<br>Y Office: Administrative Building, Industrial Estate, Sanath Nagar,<br>Hyderabad-500 018, Telangana, India.                                                    | 19.02.2026 |
| 65 | Rice Millers Association Telangana State<br>Office: Flat No. 108, Taj Enclave, Beside Meera Theatre, Khairatabad,<br>Hyderabad - 500 004                                                                                          | 13.01.2026 |
| 66 | UPPAL NOTIFIED MUNICIPAL INDUSTRIAL AREA SERVICE<br>SOCIETY<br>(Regd. No. 1857/ 16 Dated 04.04.1996)<br>K-2, Plot No. 9, RPR-UPL-NH 202, IDA, UPPAL, HYDERABAD - 500<br>039.                                                      | 23.02.2026 |
| 67 | I. Gopinath<br>Chief Executive Officer<br>SOUTH INDIAN CEMENT MANUFACTURERS' ASSOCIATION<br>Administrative Office: 3rd Floor, 36th Square, Plot no. 481, Road no. 36,<br>Jubilee Hills,<br>Hyderabad - 500034, Telangana, India.  | 23.02.2026 |
| 68 | A Ramreddy<br>13/1-68/5, Mothinagar, Hyderabad                                                                                                                                                                                    |            |
| 69 | C Ashok Kumar<br>President,<br>Dist. Rice Millers Association, Mahabubnagar                                                                                                                                                       | 01.03.2026 |
| 70 | Akhila Bharatheeya Vishwakarma Parishad<br>Central Office: Tilak Nagar, T.R.T. 141, Street No.9, Jawaharnagar,<br>Hyderabad-20, Telangana, India                                                                                  | 28.02.2026 |
| 71 | R Sivaprasad Reddy<br>Chairman - CII Telangana &<br>Managing Director, Rachamalla Forgings Ltd<br>Confederation of Indian Industry<br># 1-11-252/9, Plot No 7, Regal House,<br>Motilal Nehru Nagar, Begumpet,<br>Hyderabad-500016 |            |



**List of Stakeholders who attended the public hearings**

| Sl. No                                                                 | Name of Stakeholder                                                              |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <b>Public hearing dated 06.03.2026 conducted in respect of TGNPDCL</b> |                                                                                  |
| 1                                                                      | M. Gopal, Chief Electrical Distribution Engineer, South Central Railways         |
| 2                                                                      | Jalagam Prasad Rao                                                               |
| 3                                                                      | Vijayabhasker                                                                    |
| 4                                                                      | Sridhar Reddy                                                                    |
| 5                                                                      | Domaaru Ram                                                                      |
| 6                                                                      | L. Manikreddy                                                                    |
| 7                                                                      | Indian Oil Corporation Limited                                                   |
| 8                                                                      | Bommineni Ravinder Reddy                                                         |
| 9                                                                      | Chintapalli Veera Rao                                                            |
| 10                                                                     | Maduri Vedaprakash                                                               |
| 11                                                                     | M Chakradhara Reddy                                                              |
| 12                                                                     | Laghu Udyog Bharati                                                              |
| 13                                                                     | Major Devindra Singh                                                             |
| 14                                                                     | Shiridi Sai Granites                                                             |
| 15                                                                     | Jagtial District Para Boiled                                                     |
| 16                                                                     | Akhila Bharateeya Vishwakarma Parishad                                           |
| 17                                                                     | Sree Astalaxmi Spinning Mills (P) Ltd.                                           |
| 18                                                                     | P Srinivasa Rao                                                                  |
| 19                                                                     | VS Jaya Rajan                                                                    |
| 20                                                                     | A Ananda Rao                                                                     |
| 21                                                                     | Komireddy Anjaiah                                                                |
| 22                                                                     | B Rajendra Prasad                                                                |
| 23                                                                     | KS Rama Rao                                                                      |
| 24                                                                     | Sashibhushan                                                                     |
| 25                                                                     | T Rambabu                                                                        |
| 26                                                                     | Sarson Bhumareddy                                                                |
| 27                                                                     | Ravi Raj c/o IOCL                                                                |
| 28                                                                     | Chava Yadaiah                                                                    |
| 29                                                                     | Karra Raji Reddy                                                                 |
| 30                                                                     | V Ramreddy                                                                       |
| 31                                                                     | D Pandhari Varma                                                                 |
| 32                                                                     | M Lalitha                                                                        |
| 33                                                                     | P Shivani                                                                        |
| 34                                                                     | Journalist Vikram Reddy Vemulaa                                                  |
| 35                                                                     | G Ganganna                                                                       |
| 36                                                                     | D Jaipal Reddy                                                                   |
| 37                                                                     | J Sampath Rao                                                                    |
| 38                                                                     | P Yugandhar                                                                      |
| 39                                                                     | Konda Madhu                                                                      |
| 40                                                                     | M Rama Rao                                                                       |
| <b>Public hearing dated 07.03.2026 conducted in respect of TGSPDCL</b> |                                                                                  |
| 1                                                                      | M Venugopala Rao                                                                 |
| 2                                                                      | RV Subba Rao                                                                     |
| 3                                                                      | National Highways Authority of India                                             |
| 4                                                                      | M. Gopal, Chief Electrical Distribution Engineer, South Central Railways         |
| 5                                                                      | Venkat NKK                                                                       |
| 6                                                                      | M Thimma Reddy                                                                   |
| 7                                                                      | Vijay Rathod, Chief Project & Engineering Officer, GMR Hyd International Airport |
| 8                                                                      | PV Subbareddy                                                                    |

|    |                                                              |
|----|--------------------------------------------------------------|
| 9  | ITC Limited- Paperboards                                     |
| 10 | Domaaru Ram                                                  |
| 11 | Sriranga Rao                                                 |
| 12 | L. Manikreddy                                                |
| 13 | Guda Mahender Reddy                                          |
| 14 | K. Jaswanth Reddy                                            |
| 15 | C Chandraa Goud                                              |
| 16 | Indian Oil Corporation Limited, Hyderabad Terminal           |
| 17 | Srihari Dukkupati                                            |
| 18 | M. Santhi Vardhani                                           |
| 19 | T. Sujatha, Sr. Director                                     |
| 20 | Laghu Udyog Bharati                                          |
| 21 | Vijaya Sai Meka                                              |
| 22 | All India Yadav Mahasabha                                    |
| 23 | Hyderabad Metropolitan Water Supply & Sewerage Board         |
| 24 | Federation of Telangana Small (MSME) Industries Associations |
| 25 | A Ramreddy                                                   |
| 26 | Akhila Bharateeya Vishwakarma Parishad                       |
| 27 | R Sivaprasad Reddy                                           |
| 28 | P Sayyaji Rao                                                |
| 29 | G Sathyanarayan Reddy                                        |
| 30 | Swami Jaganmayananda                                         |
| 31 | K Mohan Kumar                                                |
| 32 | K Shekar                                                     |
| 33 | D Kiran                                                      |
| 34 | S Bandaiah                                                   |
| 35 | N Mahendar                                                   |
| 36 | Sashibhushan                                                 |
| 37 | DP Varma                                                     |
| 38 | A Srinivas                                                   |
| 39 | M Raji Reddy                                                 |
| 40 | P Sadanand Reddy                                             |
| 41 | D Ramakrishna Reddy                                          |
| 42 | B Narsimha Reddy                                             |
| 43 | V Malla Reddy                                                |
| 44 | Ch Manohar Reddy                                             |
| 45 | K Anitha Padmini                                             |
| 46 | K Raghupathi Reddy                                           |
| 47 | P Anantha Reddy                                              |
| 48 | Chakali Bal Ramu                                             |
| 49 | B Janardhan Reddy                                            |
| 50 | K Venu                                                       |



**ANNEXURE III: MONTHLY CATEGORY-WISE SALES (MUs) FOR FY 2026-27****Monthly Category-wise Sales (MUs) for FY 2026-27 approved for TGSPDCL**

| TGSPDCL                     |                                             |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
|-----------------------------|---------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Consumer Category           |                                             | Apr-26          | May-26          | Jun-26          | Jul-26          | Aug-26          | Sep-26          | Oct-26          | Nov-26          | Dec-26          | Jan-27          | Feb-27          | Mar-27          | Total            |
| <b>LT Category</b>          |                                             |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| I (A&B)                     | Domestic                                    | 1,436.46        | 1,446.62        | 1,159.04        | 1,057.03        | 1,139.37        | 1,032.67        | 1,098.23        | 928.17          | 928.49          | 898.43          | 979.44          | 1,251.69        | <b>13,355.64</b> |
| II (A, B & C)               | Non-Domestic /Commercial/Others             | 446.51          | 443.71          | 394.14          | 375.21          | 395.18          | 360.80          | 394.68          | 344.11          | 351.31          | 336.32          | 365.14          | 433.35          | <b>4,640.45</b>  |
| LT-III                      | Industrial                                  | 86.63           | 91.17           | 84.94           | 84.02           | 83.56           | 78.27           | 81.33           | 87.53           | 94.51           | 88.04           | 82.56           | 89.45           | <b>1,032.02</b>  |
| LT-IV                       | Cottage Industries                          | 0.80            | 0.86            | 0.78            | 0.77            | 0.76            | 0.73            | 0.73            | 0.71            | 0.75            | 0.73            | 0.69            | 0.77            | <b>9.07</b>      |
| LT-V                        | Agricultural                                | 1,000.07        | 465.42          | 555.07          | 1,010.00        | 1,202.11        | 998.32          | 1,000.67        | 763.36          | 1,167.31        | 1,490.37        | 1,662.12        | 1,909.64        | <b>13,224.44</b> |
| LT-VI                       | Street Lighting & PWS                       | 44.82           | 42.82           | 39.54           | 40.17           | 41.73           | 39.32           | 43.94           | 42.43           | 43.14           | 43.29           | 40.86           | 43.96           | <b>505.99</b>    |
| LT-VII                      | General Purpose                             | 10.73           | 8.60            | 8.79            | 10.33           | 11.23           | 10.05           | 9.70            | 9.81            | 9.81            | 8.71            | 10.69           | 13.20           | <b>121.65</b>    |
| LT-VIII                     | Temporary Supply                            | 17.28           | 17.43           | 16.27           | 16.09           | 17.41           | 15.79           | 17.07           | 15.87           | 17.54           | 17.46           | 18.73           | 21.57           | <b>208.51</b>    |
| LT-IX                       | EV Charging Stations                        | 0.07            | 0.08            | 0.08            | 0.09            | 0.09            | 0.32            | 0.85            | 1.31            | 2.13            | 2.90            | 3.32            | 4.45            | <b>15.69</b>     |
| <b>Sub-total (LT)</b>       |                                             | <b>3,043.36</b> | <b>2,516.71</b> | <b>2,258.63</b> | <b>2,593.71</b> | <b>2,891.44</b> | <b>2,536.27</b> | <b>2,647.19</b> | <b>2,193.30</b> | <b>2,614.98</b> | <b>2,886.24</b> | <b>3,163.55</b> | <b>3,768.08</b> | <b>33,113.46</b> |
| <b>HT Category at 11 kV</b> |                                             |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| HT-I                        | Industry                                    | 394.37          | 401.05          | 387.74          | 392.61          | 395.47          | 376.13          | 394.65          | 416.44          | 442.05          | 422.99          | 387.96          | 437.97          | <b>4,849.44</b>  |
| HT-I(B)                     | Ferro Alloys                                | 0.04            | 0.13            | 0.07            | 0.08            | 0.01            | 0.01            | 0.02            | 0.04            | 0.15            | 0.17            | 0.19            | 0.08            | <b>0.99</b>      |
| HT-II(A)                    | Others (Commercial)                         | 241.92          | 245.65          | 229.08          | 218.87          | 229.12          | 212.24          | 233.77          | 211.05          | 213.88          | 206.02          | 221.16          | 264.53          | <b>2,727.28</b>  |
| HT-II(B)                    | Wholly Religious Places                     | 0.03            | 0.05            | 0.04            | 0.03            | 0.04            | 0.03            | 0.03            | 0.04            | 0.03            | 0.03            | 0.03            | 0.03            | <b>0.41</b>      |
| HT-III                      | Airports, Bus Stations and Railway Stations | 0.55            | 0.60            | 0.55            | 0.52            | 0.55            | 0.49            | 0.56            | 0.53            | 0.56            | 0.57            | 0.56            | 0.67            | <b>6.72</b>      |
| HT-IV(A)                    | Irrigation & Agriculture                    | 0.71            | 0.51            | 0.71            | 1.32            | 4.09            | 5.36            | 4.53            | 3.11            | 4.21            | 5.66            | 5.99            | 6.93            | <b>43.14</b>     |
| HT-IV(B)                    | CPWS Schemes                                | 11.91           | 11.45           | 11.40           | 11.94           | 11.68           | 10.39           | 11.61           | 11.66           | 11.97           | 12.47           | 11.30           | 12.64           | <b>140.42</b>    |
| HT-VA                       | Railway Traction                            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | <b>0.00</b>      |
| HT-VB                       | HMR                                         | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | <b>0.00</b>      |
| HT-VI                       | Townships and Residential Colonies          | 39.78           | 40.03           | 32.64           | 28.43           | 30.65           | 28.07           | 30.21           | 27.27           | 27.54           | 27.37           | 29.24           | 38.27           | <b>379.49</b>    |
| HT-VII                      | Temporary Supply                            | 27.63           | 28.43           | 27.22           | 27.70           | 30.27           | 29.45           | 32.29           | 30.51           | 32.05           | 32.93           | 32.39           | 35.82           | <b>366.71</b>    |
| HT-VIII                     | RESCOs                                      | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | <b>0.00</b>      |
| HT-IX                       | EV Charging Stations                        | 3.79            | 3.92            | 4.06            | 4.46            | 4.66            | 4.56            | 5.46            | 5.11            | 5.72            | 6.29            | 5.87            | 7.08            | <b>60.97</b>     |
| <b>Sub-total</b>            |                                             | <b>720.73</b>   | <b>731.81</b>   | <b>693.52</b>   | <b>685.96</b>   | <b>706.54</b>   | <b>666.73</b>   | <b>713.11</b>   | <b>705.77</b>   | <b>738.17</b>   | <b>714.49</b>   | <b>694.69</b>   | <b>804.04</b>   | <b>8,575.56</b>  |
| <b>HT Category at 33 kV</b> |                                             |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| HT-I                        | Industry                                    | 626.74          | 654.20          | 641.99          | 671.00          | 664.15          | 636.73          | 669.33          | 630.49          | 676.42          | 652.56          | 617.93          | 697.81          | <b>7,839.34</b>  |
| HT-I(B)                     | Ferro Alloys                                | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | <b>0.00</b>      |
| HT-II(A)                    | Others (Commercial)                         | 167.57          | 183.02          | 166.79          | 162.34          | 165.91          | 154.20          | 163.55          | 147.30          | 147.17          | 145.77          | 146.26          | 172.35          | <b>1,922.24</b>  |



|                                        |                                             | TGSPDCL         |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
|----------------------------------------|---------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Consumer Category                      |                                             | Apr-26          | May-26          | Jun-26          | Jul-26          | Aug-26          | Sep-26          | Oct-26          | Nov-26          | Dec-26          | Jan-27          | Feb-27          | Mar-27          | Total            |
| HT-II(B)                               | Wholly Religious Places                     | 0.48            | 0.52            | 0.45            | 0.39            | 0.42            | 0.33            | 0.37            | 0.34            | 0.30            | 0.28            | 0.34            | 0.42            | 4.64             |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-IV(A)                               | Irrigation & Agriculture                    | 4.07            | 3.25            | 2.97            | 3.98            | 4.82            | 5.81            | 5.80            | 5.17            | 5.80            | 6.51            | 7.35            | 7.26            | 62.81            |
| HT-IV(B)                               | CPWS Schemes                                | 23.45           | 24.22           | 24.65           | 24.88           | 21.54           | 22.82           | 24.51           | 23.88           | 23.37           | 24.26           | 22.80           | 26.11           | 286.48           |
| HT-V(A)                                | Railway Traction                            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-VB                                  | HMR                                         | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-VI                                  | Townships and Residential Colonies          | 22.31           | 21.92           | 17.76           | 15.17           | 15.65           | 14.69           | 16.85           | 15.21           | 15.38           | 15.22           | 16.01           | 20.71           | 206.86           |
| HT-VII                                 | Temporary Supply                            | 2.21            | 2.22            | 4.05            | 3.68            | 2.40            | 2.64            | 3.13            | 2.41            | 2.46            | 2.28            | 2.18            | 2.15            | 31.81            |
| HT-VIII                                | RESCOs                                      | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-IX                                  | EV Charging Stations                        | 0.11            | 0.16            | 0.21            | 0.27            | 0.33            | 0.37            | 0.44            | 0.53            | 0.76            | 0.87            | 0.88            | 1.09            | 6.01             |
| <b>Sub-total</b>                       |                                             | <b>846.93</b>   | <b>889.51</b>   | <b>858.86</b>   | <b>881.71</b>   | <b>875.21</b>   | <b>837.58</b>   | <b>883.98</b>   | <b>825.34</b>   | <b>871.67</b>   | <b>847.75</b>   | <b>813.76</b>   | <b>927.90</b>   | <b>10,360.20</b> |
| <b>HT Category at 132 kV and above</b> |                                             |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| HT-I                                   | Industry                                    | 392.51          | 419.44          | 409.56          | 411.53          | 431.00          | 392.71          | 423.57          | 385.82          | 413.18          | 437.34          | 410.55          | 457.59          | 4,984.79         |
| HT-I(B)                                | Ferro Alloys                                | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-II(A)                               | Others (Commercial)                         | 41.27           | 46.18           | 44.34           | 44.06           | 44.31           | 42.75           | 44.34           | 37.09           | 37.22           | 39.15           | 40.54           | 52.87           | 514.14           |
| HT-II(B)                               | Wholly Religious Places                     | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 14.54           | 17.17           | 15.90           | 15.12           | 15.19           | 13.96           | 14.99           | 12.21           | 13.06           | 11.94           | 13.03           | 15.54           | 172.64           |
| HT-IV(A)                               | Irrigation & Agriculture                    | 43.03           | 26.76           | 58.60           | 131.09          | 464.24          | 307.68          | 183.74          | 223.76          | 204.29          | 245.12          | 216.54          | 236.03          | 2,340.86         |
| HT-IV(B)                               | CPWS                                        | 26.98           | 27.73           | 26.50           | 27.39           | 26.35           | 22.54           | 27.03           | 25.85           | 25.15           | 26.11           | 24.22           | 27.91           | 313.75           |
| HT-VA                                  | Railway Traction                            | 53.44           | 56.76           | 53.92           | 53.49           | 54.38           | 52.87           | 57.34           | 53.58           | 58.22           | 59.59           | 54.79           | 62.22           | 670.59           |
| HT-VB                                  | HMR                                         | 11.21           | 11.85           | 12.38           | 10.87           | 10.81           | 9.95            | 10.48           | 9.55            | 9.91            | 9.34            | 9.27            | 10.49           | 126.10           |
| HT-VI                                  | Townships and Residential Colonies          | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-VII                                 | Temporary Supply                            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-VIII                                | RESCOs                                      | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-IX                                  | EV Charging Stations                        | 0.01            | 0.03            | 0.04            | 0.06            | 0.07            | 0.09            | 0.10            | 0.11            | 0.15            | 0.18            | 0.19            | 0.24            | 1.27             |
| <b>Sub-total</b>                       |                                             | <b>582.99</b>   | <b>605.92</b>   | <b>621.24</b>   | <b>693.61</b>   | <b>1,046.35</b> | <b>842.55</b>   | <b>761.58</b>   | <b>747.98</b>   | <b>761.16</b>   | <b>828.75</b>   | <b>769.12</b>   | <b>862.89</b>   | <b>9,124.16</b>  |
| <b>Sub-total (LT)</b>                  |                                             | <b>3,043.36</b> | <b>2,516.71</b> | <b>2,258.63</b> | <b>2,593.71</b> | <b>2,891.44</b> | <b>2,536.27</b> | <b>2,647.19</b> | <b>2,193.30</b> | <b>2,614.98</b> | <b>2,886.24</b> | <b>3,163.55</b> | <b>3,768.08</b> | <b>33,113.46</b> |
| <b>Sub-total (HT)</b>                  |                                             | <b>2,150.66</b> | <b>2,227.24</b> | <b>2,173.62</b> | <b>2,261.28</b> | <b>2,628.09</b> | <b>2,346.87</b> | <b>2,358.68</b> | <b>2,279.08</b> | <b>2,371.00</b> | <b>2,390.99</b> | <b>2,277.57</b> | <b>2,594.83</b> | <b>28,059.92</b> |
| <b>Grand Total</b>                     |                                             | <b>5,194.02</b> | <b>4,743.96</b> | <b>4,432.26</b> | <b>4,854.99</b> | <b>5,519.53</b> | <b>4,883.14</b> | <b>5,005.87</b> | <b>4,472.38</b> | <b>4,985.98</b> | <b>5,277.23</b> | <b>5,441.12</b> | <b>6,362.91</b> | <b>61,173.37</b> |

**Monthly Category-wise Sales (MUs) for FY 2026-27 approved for TGNPDCL**

| TGNPDCL                     |                                             |                 |               |                 |                 |                 |                 |                 |               |                 |                 |                 |                 |                  |
|-----------------------------|---------------------------------------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Consumer Category           |                                             | Apr-26          | May-26        | Jun-26          | Jul-26          | Aug-26          | Sep-26          | Oct-26          | Nov-26        | Dec-26          | Jan-27          | Feb-27          | Mar-27          | Total            |
| <b>LT Category</b>          |                                             |                 |               |                 |                 |                 |                 |                 |               |                 |                 |                 |                 |                  |
| I (A&B)                     | Domestic                                    | 443.95          | 533.14        | 566.50          | 487.91          | 437.33          | 473.97          | 440.38          | 455.76        | 340.56          | 330.72          | 343.15          | 371.30          | <b>5,224.67</b>  |
| II (A, B & C)               | Non-Domestic /Commercial/Others             | 103.03          | 112.68        | 114.24          | 102.67          | 96.85           | 102.13          | 96.19           | 101.46        | 86.12           | 86.58           | 86.59           | 91.74           | <b>1,180.26</b>  |
| LT-III                      | Industrial                                  | 21.03           | 22.12         | 22.80           | 19.29           | 16.86           | 16.85           | 17.39           | 18.50         | 22.86           | 26.63           | 25.57           | 22.36           | <b>252.26</b>    |
| LT-IV                       | Cottage Industries                          | 0.79            | 0.82          | 0.81            | 0.74            | 0.72            | 0.76            | 0.71            | 0.78          | 0.70            | 0.70            | 0.72            | 0.72            | <b>8.96</b>      |
| LT-V                        | Agricultural                                | 749.86          | 278.15        | 314.51          | 554.55          | 804.01          | 688.08          | 858.23          | 363.43        | 976.35          | 1,257.44        | 1,452.58        | 1,671.97        | <b>9,969.16</b>  |
| LT-VI                       | Street Lighting & PWS                       | 34.58           | 34.62         | 34.73           | 30.67           | 30.80           | 31.23           | 30.84           | 34.67         | 33.47           | 35.06           | 34.89           | 32.61           | <b>398.16</b>    |
| LT-VII                      | General Purpose                             | 9.20            | 7.04          | 4.98            | 6.97            | 9.44            | 9.87            | 8.52            | 8.25          | 8.63            | 8.40            | 7.43            | 9.55            | <b>98.27</b>     |
| LT-VIII                     | Temporary Supply                            | 1.78            | 1.96          | 2.04            | 1.82            | 1.83            | 1.84            | 1.78            | 1.80          | 1.61            | 1.71            | 1.72            | 1.71            | <b>21.60</b>     |
| LT-IX                       | EV Charging Stations                        | 0.76            | 0.78          | 0.76            | 0.78            | 0.78            | 0.76            | 2.20            | 2.79          | 4.23            | 5.58            | 6.26            | 8.31            | <b>33.98</b>     |
| <b>Sub-total (LT)</b>       |                                             | <b>1,364.97</b> | <b>991.30</b> | <b>1,061.36</b> | <b>1,205.39</b> | <b>1,398.61</b> | <b>1,325.48</b> | <b>1,456.25</b> | <b>987.44</b> | <b>1,474.53</b> | <b>1,752.81</b> | <b>1,958.91</b> | <b>2,210.28</b> | <b>17,187.32</b> |
| <b>HT Category at 11 kV</b> |                                             |                 |               |                 |                 |                 |                 |                 |               |                 |                 |                 |                 |                  |
| HT-I                        | Industry                                    | 95.94           | 94.86         | 97.64           | 98.51           | 98.79           | 95.02           | 100.59          | 105.66        | 113.69          | 117.58          | 99.91           | 94.67           | <b>1,212.86</b>  |
| HT-II(B)                    | Ferro Alloys                                | 0.00            | 0.00          | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            | 0.00            | 0.00            | <b>0.00</b>      |
| HT-II(A)                    | Others (Commercial)                         | 29.01           | 28.41         | 27.81           | 24.90           | 26.78           | 24.52           | 27.97           | 22.76         | 21.57           | 20.39           | 23.53           | 26.71           | <b>304.37</b>    |
| HT-II(B)                    | Wholly Religious Places                     | 0.04            | 0.05          | 0.04            | 0.04            | 0.04            | 0.03            | 0.03            | 0.03          | 0.04            | 0.04            | 0.04            | 0.04            | <b>0.46</b>      |
| HT-III                      | Airports, Bus Stations and Railway Stations | 0.82            | 0.87          | 0.82            | 0.70            | 0.71            | 0.66            | 0.70            | 0.61          | 0.57            | 0.57            | 0.56            | 0.64            | <b>8.22</b>      |
| HT-IV(A)                    | Irrigation & Agriculture                    | 2.35            | 0.32          | 0.31            | 1.28            | 2.24            | 1.93            | 2.94            | 1.33          | 2.71            | 5.64            | 6.29            | 7.09            | <b>34.43</b>     |
| HT-IV(B)                    | CPWS Schemes                                | 15.01           | 14.68         | 14.21           | 12.88           | 13.32           | 12.36           | 14.82           | 14.36         | 14.36           | 14.42           | 13.72           | 15.11           | <b>169.25</b>    |
| HT-VA                       | Railway Traction                            | 0.00            | 0.00          | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            | 0.00            | 0.00            | <b>0.00</b>      |
| HT-VB                       | HMR                                         | 0.00            | 0.00          | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            | 0.00            | 0.00            | <b>0.00</b>      |
| HT-VI                       | Townships and Residential Colonies          | 0.89            | 0.93          | 0.88            | 0.73            | 0.77            | 0.72            | 0.73            | 0.59          | 0.56            | 0.52            | 0.58            | 0.72            | <b>8.62</b>      |
| HT-VII                      | Temporary Supply                            | 0.75            | 0.73          | 0.74            | 0.70            | 0.83            | 0.81            | 0.85            | 0.80          | 0.84            | 0.81            | 0.71            | 0.69            | <b>9.25</b>      |
| HT-VIII                     | RESCOs                                      | 74.22           | 49.77         | 70.04           | 100.09          | 93.04           | 85.67           | 92.85           | 51.77         | 111.55          | 112.91          | 116.77          | 148.41          | <b>1,107.10</b>  |
| HT-IX                       | EV Charging Stations                        | 0.00            | 0.00          | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            | 0.00            | 0.00            | <b>0.00</b>      |
| <b>Sub-total</b>            |                                             | <b>219.05</b>   | <b>190.62</b> | <b>212.49</b>   | <b>239.83</b>   | <b>236.51</b>   | <b>221.71</b>   | <b>241.49</b>   | <b>197.92</b> | <b>265.88</b>   | <b>272.88</b>   | <b>262.10</b>   | <b>294.09</b>   | <b>2,854.57</b>  |
| <b>HT Category at 33 kV</b> |                                             |                 |               |                 |                 |                 |                 |                 |               |                 |                 |                 |                 |                  |
| HT-I                        | Industry                                    | 22.05           | 20.61         | 21.78           | 22.90           | 23.67           | 23.13           | 23.98           | 24.80         | 23.51           | 23.82           | 22.86           | 29.03           | <b>282.14</b>    |
| HT-I(B)                     | Ferro Alloys                                | 3.28            | 3.29          | 3.16            | 3.38            | 3.07            | 2.81            | 2.78            | 3.35          | 3.02            | 3.51            | 3.13            | 3.29            | <b>38.09</b>     |
| HT-II(A)                    | Others (Commercial)                         | 1.65            | 1.56          | 1.51            | 1.64            | 2.01            | 1.96            | 1.64            | 1.31          | 1.43            | 1.24            | 1.33            | 1.53            | <b>18.81</b>     |
| HT-II(B)                    | Wholly Religious Places                     | 0.00            | 0.00          | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            | 0.00            | 0.00            | <b>0.00</b>      |



| TGNPDCL                                |                                             |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
|----------------------------------------|---------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Consumer Category                      |                                             | Apr-26          | May-26          | Jun-26          | Jul-26          | Aug-26          | Sep-26          | Oct-26          | Nov-26          | Dec-26          | Jan-27          | Feb-27          | Mar-27          | Total            |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-IV(A)                               | Irrigation & Agriculture                    | 1.34            | 0.12            | 0.11            | 0.21            | 5.00            | 5.35            | 5.82            | 3.52            | 3.33            | 4.05            | 7.93            | 8.83            | 45.62            |
| HT-IV(B)                               | CPWS Schemes                                | 33.40           | 33.95           | 31.46           | 32.15           | 31.43           | 30.87           | 32.76           | 31.86           | 32.21           | 33.33           | 30.51           | 34.52           | 388.45           |
| HT-V(A)                                | Railway Traction                            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-VB                                  | HMR                                         | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-VI                                  | Townships and Residential Colonies          | 4.66            | 4.93            | 4.23            | 3.46            | 3.79            | 3.57            | 3.54            | 2.69            | 2.05            | 2.13            | 2.32            | 4.88            | 42.25            |
| HT-VII                                 | Temporary Supply                            | 0.56            | 0.58            | 0.69            | 0.60            | 0.53            | 0.56            | 0.60            | 0.46            | 0.61            | 0.58            | 0.62            | 0.58            | 6.96             |
| HT-VIII                                | RESCOs                                      | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-IX                                  | EV Charging Stations                        | 4.10            | 4.34            | 4.27            | 4.35            | 4.43            | 4.31            | 4.34            | 4.31            | 4.34            | 4.34            | 4.25            | 4.34            | 51.69            |
| <b>Sub-total</b>                       |                                             | <b>71.04</b>    | <b>69.37</b>    | <b>67.21</b>    | <b>68.69</b>    | <b>73.93</b>    | <b>72.56</b>    | <b>75.45</b>    | <b>72.29</b>    | <b>70.50</b>    | <b>73.01</b>    | <b>72.96</b>    | <b>87.00</b>    | <b>874.01</b>    |
| <b>HT Category at 132 kV and above</b> |                                             |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| HT-I                                   | Industry                                    | 54.03           | 55.44           | 51.97           | 56.40           | 58.06           | 59.56           | 65.85           | 61.75           | 59.30           | 61.02           | 52.49           | 70.16           | 706.03           |
| HT-I(B)                                | Ferro Alloys                                | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-II(A)                               | Others (Commercial)                         | 0.23            | 0.23            | 0.25            | 0.82            | 0.28            | 1.21            | 0.47            | 1.63            | 1.62            | 0.48            | 0.31            | 0.28            | 7.81             |
| HT-II(B)                               | Wholly Religious Places                     | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-IV(A)                               | Irrigation & Agriculture                    | 9.08            | 22.16           | 4.44            | 138.89          | 535.53          | 139.93          | 72.35           | 63.58           | 62.12           | 110.55          | 123.47          | 182.49          | 1,464.59         |
| HT-IV(B)                               | CPWS                                        | 2.38            | 2.61            | 2.60            | 2.83            | 2.71            | 2.50            | 2.64            | 2.72            | 2.72            | 2.55            | 2.44            | 2.82            | 31.52            |
| HT-VA                                  | Railway Traction                            | 56.35           | 57.32           | 55.96           | 53.62           | 55.54           | 48.20           | 52.69           | 55.30           | 58.59           | 59.18           | 53.91           | 61.74           | 668.40           |
| HT-VB                                  | HMR                                         | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-VI                                  | Townships and Residential Colonies          | 6.16            | 7.34            | 6.37            | 6.09            | 5.76            | 5.52            | 5.08            | 3.52            | 3.00            | 2.71            | 2.14            | 5.89            | 59.57            |
| HT-VII                                 | Temporary Supply                            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-VIII                                | RESCOs                                      | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| HT-IX                                  | EV Charging Stations                        | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| <b>Sub-total</b>                       |                                             | <b>128.21</b>   | <b>145.10</b>   | <b>121.58</b>   | <b>258.67</b>   | <b>657.87</b>   | <b>256.93</b>   | <b>199.08</b>   | <b>188.51</b>   | <b>187.34</b>   | <b>236.49</b>   | <b>234.76</b>   | <b>323.37</b>   | <b>2,937.92</b>  |
| <b>Sub-total (LT)</b>                  |                                             | <b>1,364.97</b> | <b>991.30</b>   | <b>1,061.36</b> | <b>1,205.39</b> | <b>1,398.61</b> | <b>1,325.48</b> | <b>1,456.25</b> | <b>987.44</b>   | <b>1,474.53</b> | <b>1,752.81</b> | <b>1,958.91</b> | <b>2,210.28</b> | <b>17,187.32</b> |
| <b>Sub-total (HT)</b>                  |                                             | <b>418.30</b>   | <b>405.08</b>   | <b>401.28</b>   | <b>567.19</b>   | <b>968.31</b>   | <b>551.20</b>   | <b>516.03</b>   | <b>458.73</b>   | <b>523.72</b>   | <b>582.38</b>   | <b>569.82</b>   | <b>704.46</b>   | <b>6,666.50</b>  |
| <b>Grand Total</b>                     |                                             | <b>1,783.27</b> | <b>1,396.39</b> | <b>1,462.64</b> | <b>1,772.58</b> | <b>2,366.92</b> | <b>1,876.67</b> | <b>1,972.28</b> | <b>1,446.17</b> | <b>1,998.25</b> | <b>2,335.18</b> | <b>2,528.72</b> | <b>2,914.73</b> | <b>23,853.82</b> |



**ANNEXURE IV: SLAB-WISE SALES (MUs) FOR FY 2026-27****Slab-wise Sales (MUs) approved for FY 2026-27 for TGDISCOMs**

| Consumer Category                                                    | Approved Slab-wise Sales |                 |
|----------------------------------------------------------------------|--------------------------|-----------------|
|                                                                      | TGSPDCL                  | TGNPDCL         |
|                                                                      | MUs                      | MUs             |
| <b>LT Categories</b>                                                 |                          |                 |
| <b>LT I: Domestic</b>                                                | <b>13,355.64</b>         | <b>5,224.67</b> |
| <i>LT I (A): Up to 100 Units/Month</i>                               | 2,582.91                 | 1,961.92        |
| 0-50                                                                 | 1,898.61                 | 1,619.30        |
| 51-100                                                               | 684.30                   | 342.62          |
| <i>LT I (B) (i): Above 100 Units/Month and Up to 200 Units/Month</i> | 4,712.81                 | 1,890.90        |
| 0-100                                                                | 3,317.83                 | 1,039.02        |
| 101-200                                                              | 1,394.98                 | 851.88          |
| <i>LT I (B) (ii): Above 200 Units/Month</i>                          | 6,059.92                 | 1,371.85        |
| 0-200                                                                | 3,418.74                 | 891.99          |
| 201-300                                                              | 1,122.72                 | 262.01          |
| 301-400                                                              | 515.84                   | 99.70           |
| 401-800                                                              | 635.40                   | 93.39           |
| Above 800 units                                                      | 367.22                   | 24.75           |
| <b>LT II: Non-Domestic/Commercial/Others</b>                         | <b>4,640.45</b>          | <b>1,180.26</b> |
| <i>LT II (A): Up to 50 Units/Month</i>                               | 108.12                   | 63.05           |
| 0-50                                                                 | 108.12                   | 63.05           |
| <i>LT II (B): Above 50 Units/Month</i>                               | 4,520.27                 | 1,110.05        |
| 0-100                                                                | 809.00                   | 272.46          |
| 101-300                                                              | 790.60                   | 214.09          |
| 301-500                                                              | 430.17                   | 104.49          |
| Above 500                                                            | 2,490.49                 | 519.01          |
| <i>LT II (C): Advertising Hoardings</i>                              | 6.24                     | 1.74            |
| <i>LT II (D): Hair cutting Salons: Up to 200 Units/month</i>         | 5.82                     | 5.42            |
| 0-50                                                                 | 3.86                     | 3.79            |
| 51-100                                                               | 1.39                     | 1.15            |
| 101-200                                                              | 0.57                     | 0.48            |
| <b>LT III: Industry</b>                                              | <b>1,032.02</b>          | <b>252.26</b>   |
| Industries                                                           | 988.81                   | 232.77          |
| Seasonal Industries (off season)                                     | 0.00                     | 0.00            |
| Pisciculture/Prawn culture                                           | 0.84                     | 0.85            |
| Sugarcane crushing                                                   | 0.00                     | 0.01            |
| Poultry farms                                                        | 42.37                    | 18.60           |
| Mushroom, Rabbit, Sheep & Goat farms                                 | 0.00                     | 0.03            |
| <b>LT IV: Cottage Industries &amp; Agro Based Activities</b>         | <b>9.07</b>              | <b>8.96</b>     |
| <i>LT IV (A): Cottage Industries</i>                                 | 8.69                     | 7.87            |
| <i>LT IV (B): Agro Based Activities</i>                              | 0.38                     | 1.08            |
| <b>LT V: Agricultural</b>                                            | <b>13,224.44</b>         | <b>9,969.16</b> |

| Consumer Category                                     | Approved Slab-wise Sales |                  |
|-------------------------------------------------------|--------------------------|------------------|
|                                                       | TGSPDCL                  | TGNPDCL          |
|                                                       | MUs                      | MUs              |
| <i>LT V (A): Agriculture (DSM Measures Mandatory)</i> | 13,221.59                | 9,966.59         |
| Corporate Farmers                                     | 31.35                    | 0.00             |
| Other than Corporate Farmers                          | 13,190.25                | 9,966.59         |
| <i>LT V (B): Others</i>                               | 2.85                     | 2.58             |
| Horticulture Nurseries up to 20 HP                    | 2.85                     | 2.58             |
| <b>LT VI: Street Lighting &amp; PWS Schemes</b>       | <b>505.99</b>            | <b>398.16</b>    |
| <i>LT VI (A): Street Lighting</i>                     | 255.25                   | 138.01           |
| Panchayats                                            | 76.96                    | 84.22            |
| Municipalities                                        | 51.77                    | 28.45            |
| Municipal Corporations                                | 126.51                   | 25.34            |
| <i>LT VI (B): PWS Schemes</i>                         | 250.74                   | 260.15           |
| Panchayats                                            | 192.91                   | 230.45           |
| Municipalities                                        | 44.94                    | 21.86            |
| Municipal Corporations                                | 12.90                    | 7.84             |
| <b>LT VII: General</b>                                | <b>121.65</b>            | <b>98.27</b>     |
| <i>LT VII (A): General Purpose</i>                    | 108.16                   | 82.09            |
| <i>LT VII (B): Wholly Religious Places</i>            | 13.49                    | 16.19            |
| <b>LT VIII: Temporary Supply</b>                      | <b>208.51</b>            | <b>21.60</b>     |
| <b>LT IX: EV Charging Stations</b>                    | <b>15.69</b>             | <b>33.98</b>     |
| <b>LT Total</b>                                       | <b>33,113.46</b>         | <b>17,187.32</b> |
| <b>HT Categories</b>                                  |                          |                  |
| <b>HT Category at 11 kV</b>                           |                          |                  |
| HT I (A): Industry- General                           | 4,849.44                 | 1,212.86         |
| HT I (B): Ferro Alloys                                | 0.99                     | 0.00             |
| HT II (A): Others                                     | 2,727.28                 | 304.37           |
| HT II (B): Wholly Religious places                    | 0.41                     | 0.46             |
| HT III: Airports, Railway Stations and Bus Stations   | 6.72                     | 8.22             |
| HT IV (A): Irrigation & Agriculture                   | 43.14                    | 34.43            |
| HT IV (B): CPWS Schemes                               | 140.42                   | 169.25           |
| HT V (A & B): Railway Traction & HMR                  | 0.00                     | 0.00             |
| HT VI: Townships & Residential Colonies               | 379.49                   | 8.62             |
| HT VII: Temporary Supply                              | 366.71                   | 9.25             |
| HT VIII: RESCOs                                       | 0.00                     | 1,107.10         |
| HT-IX: EV Charging Stations                           | 60.97                    | 0.00             |
| <b>HT - 11kV Total</b>                                | <b>8,575.56</b>          | <b>2,854.57</b>  |
| <b>HT Category at 33 kV</b>                           |                          |                  |
| HT I (A): Industry- General                           | 7,839.34                 | 282.14           |
| HT I (B): Ferro Alloys                                | 0.00                     | 38.09            |
| HT II (A): Others                                     | 1,922.24                 | 18.81            |
| HT II (B): Wholly Religious places                    | 4.64                     | 0.00             |
| HT III: Airports, Railway Stations and Bus Stations   | 0.00                     | 0.00             |
| HT IV (A): Irrigation & Agriculture                   | 62.81                    | 45.62            |

| Consumer Category                                   | Approved Slab-wise Sales |                  |
|-----------------------------------------------------|--------------------------|------------------|
|                                                     | TGSPDCL                  | TGNPDCL          |
|                                                     | MUs                      | MUs              |
| HT IV (B): CPWS Schemes                             | 286.48                   | 388.45           |
| HT V (A & B): Railway Traction & HMR                | 0.00                     | 0.00             |
| HT VI: Townships & Residential Colonies             | 206.86                   | 42.25            |
| HT VII: Temporary Supply                            | 31.81                    | 6.96             |
| HT VIII: RESCOs                                     | 0.00                     | 0.00             |
| HT-IX: EV Charging Stations                         | 6.01                     | 51.69            |
| <b>HT - 33kV Total</b>                              | <b>10,360.20</b>         | <b>874.01</b>    |
| <b>HT Category at 132 kV</b>                        |                          |                  |
| HT I (A): Industry- General                         | 4,984.79                 | 706.03           |
| HT I (B): Ferro Alloys                              | 0.00                     | 0.00             |
| HT II (A): Others                                   | 514.14                   | 7.81             |
| HT II (B): Wholly Religious places                  | 0.00                     | 0.00             |
| HT III: Airports, Railway Stations and Bus Stations | 172.64                   | 0.00             |
| HT IV (A): Irrigation & Agriculture                 | 2,340.86                 | 1,464.59         |
| HT IV (B): CPWS Schemes                             | 313.75                   | 31.52            |
| HT V (A & B): Railway Traction & HMR                | 796.70                   | 668.40           |
| HT VI: Townships & Residential Colonies             | 0.00                     | 59.57            |
| HT VII: Temporary Supply                            | 0.00                     | 0.00             |
| HT VIII: RESCOs                                     | 0.00                     | 0.00             |
| HT-IX: EV Charging Stations                         | 1.27                     | 0.00             |
| <b>HT - 132kV Total</b>                             | <b>9,124.16</b>          | <b>2,937.92</b>  |
| <b>Sub-Total (LT)</b>                               | <b>33,113.46</b>         | <b>17,187.32</b> |
| <b>Sub-Total (HT)</b>                               | <b>28,059.92</b>         | <b>6,666.50</b>  |
| <b>Grand Total</b>                                  | <b>61,173.37</b>         | <b>23,853.82</b> |



**ANNEXURE V: MONTHLY STATION-WISE ENERGY AVAILABILITY FOR FY 2026-27****Monthly Station-wise Energy Availability approved for FY 2026-27**

| FY 2026-27                     |                              |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
|--------------------------------|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Sr. No                         | Name of the Station          | Apr-26          | May-26          | Jun-26          | Jul-26          | Aug-26          | Sep-26          | Oct-26          | Nov-26          | Dec-26          | Jan-27          | Feb-27          | Mar-27          | Total            |
| <b>A</b>                       | <b>TGGENCO-Thermal</b>       |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 1                              | KTPS-V                       | 277.54          | 286.79          | 277.54          | 101.77          | 286.79          | 277.54          | 286.79          | 277.54          | 286.79          | 286.79          | 259.04          | 286.79          | 3,191.73         |
| 2                              | KTPS-VI                      | 289.94          | 299.60          | 289.94          | 299.60          | 299.60          | 289.94          | 299.60          | 289.94          | 299.60          | 299.60          | 270.61          | 299.60          | 3,527.54         |
| 3                              | KTPS-VII                     | 463.90          | 479.36          | 463.90          | 479.36          | 479.36          | 463.90          | 479.36          | 463.90          | 479.36          | 479.36          | 432.97          | 479.36          | 5,644.07         |
| 4                              | RTS-B                        | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| 5                              | KTPP-I                       | 289.94          | 299.60          | 0.00            | 154.63          | 299.60          | 289.94          | 299.60          | 289.94          | 299.60          | 299.60          | 270.61          | 299.60          | 3,092.64         |
| 6                              | KTPP-II                      | 347.92          | 359.52          | 347.92          | 359.52          | 359.52          | 347.92          | 359.52          | 162.36          | 313.13          | 359.52          | 324.73          | 359.52          | 4,001.10         |
| 7                              | BTPS                         | 604.78          | 624.94          | 539.26          | 589.66          | 624.94          | 604.78          | 624.94          | 554.38          | 574.54          | 624.94          | 564.46          | 624.94          | 7,156.54         |
| 8                              | YTPS                         | 1,855.58        | 1,917.44        | 1,855.58        | 2,087.53        | 2,396.80        | 2,319.48        | 2,396.80        | 2,010.22        | 2,087.53        | 2,396.80        | 2,164.85        | 2,396.80        | 25,885.40        |
| <b>Total (A)</b>               |                              | <b>4,129.59</b> | <b>4,267.25</b> | <b>3,774.14</b> | <b>4,072.07</b> | <b>4,746.60</b> | <b>4,593.49</b> | <b>4,746.60</b> | <b>4,048.27</b> | <b>4,340.55</b> | <b>4,746.60</b> | <b>4,287.26</b> | <b>4,746.60</b> | <b>52,499.03</b> |
| <b>B</b>                       | <b>TGGENCO-Hydel</b>         |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 9                              | PJHES (Inter State)          | 0.33            | 0.00            | 0.00            | 8.13            | 46.35           | 46.11           | 50.38           | 17.44           | 5.97            | 6.49            | 3.62            | 7.76            | 192.59           |
| 10                             | Nagarjuna Sagar complex      | 2.28            | 0.00            | 0.01            | 56.70           | 323.13          | 321.45          | 351.19          | 121.59          | 41.58           | 45.26           | 25.25           | 54.10           | 1,342.54         |
| 11                             | Nagarjuna Sagar Left Bank PH | 0.17            | 0.00            | 0.00            | 4.17            | 23.77           | 23.65           | 25.84           | 8.94            | 3.06            | 3.33            | 1.86            | 3.98            | 98.76            |
| 12                             | SLBHES                       | 2.51            | 0.00            | 0.01            | 62.57           | 356.57          | 354.71          | 387.53          | 134.17          | 45.89           | 49.95           | 27.86           | 59.70           | 1,481.47         |
| 13                             | LJHES                        | 0.67            | 0.00            | 0.00            | 16.69           | 95.09           | 94.59           | 103.34          | 35.78           | 12.24           | 13.32           | 7.43            | 15.92           | 395.06           |
| 14                             | PCHES- Pulichintala          | 0.34            | 0.00            | 0.00            | 8.34            | 47.54           | 47.29           | 51.67           | 17.89           | 6.12            | 6.66            | 3.71            | 7.96            | 197.53           |
| 15                             | Pochampad-II                 | 0.05            | 0.00            | 0.00            | 1.25            | 7.13            | 7.09            | 7.75            | 2.68            | 0.92            | 1.00            | 0.56            | 1.19            | 29.63            |
| 16                             | Small Hydel                  | 0.13            | 0.00            | 0.00            | 3.13            | 17.83           | 17.74           | 19.38           | 6.71            | 2.29            | 2.50            | 1.39            | 2.98            | 74.07            |
| 17                             | Mini Hydel- Peddapalli       | 0.03            | 0.00            | 0.00            | 0.64            | 3.63            | 3.61            | 3.94            | 1.37            | 0.47            | 0.51            | 0.28            | 0.61            | 15.08            |
| <b>Total (B)</b>               |                              | <b>6.50</b>     | <b>0.00</b>     | <b>0.03</b>     | <b>161.62</b>   | <b>921.05</b>   | <b>916.24</b>   | <b>1,001.03</b> | <b>346.57</b>   | <b>118.53</b>   | <b>129.01</b>   | <b>71.97</b>    | <b>154.20</b>   | <b>3,826.74</b>  |
| <b>TGGENCO-Thermal + Hydel</b> |                              | <b>4,136.09</b> | <b>4,267.25</b> | <b>3,774.17</b> | <b>4,233.69</b> | <b>5,667.65</b> | <b>5,509.73</b> | <b>5,747.63</b> | <b>4,394.84</b> | <b>4,459.08</b> | <b>4,875.62</b> | <b>4,359.22</b> | <b>4,900.80</b> | <b>56,325.77</b> |
| <b>C</b>                       | <b>CGS Stations</b>          |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 18                             | Ramagundam Stage I&II        | 193.93          | 200.40          | 181.00          | 177.77          | 200.40          | 193.93          | 200.40          | 179.93          | 176.69          | 187.47          | 161.61          | 200.40          | 2,253.94         |
| 19                             | Ramagundam Stage III         | 49.09           | 50.72           | 49.09           | 50.72           | 50.72           | 49.09           | 50.72           | 49.09           | 50.72           | 50.72           | 45.81           | 50.72           | 597.22           |
| 20                             | Talcher TPS II               | 122.10          | 126.17          | 100.73          | 111.93          | 126.17          | 122.10          | 126.17          | 122.10          | 119.05          | 97.68           | 113.96          | 126.17          | 1,414.35         |
| 21                             | Simhadri Stage I             | 310.84          | 321.20          | 310.84          | 321.20          | 321.20          | 310.84          | 321.20          | 310.84          | 321.20          | 321.20          | 290.12          | 321.20          | 3,781.92         |
| 22                             | Simhadri Stage II            | 146.54          | 151.42          | 146.54          | 151.42          | 151.42          | 146.54          | 151.42          | 146.54          | 151.42          | 151.42          | 136.77          | 151.42          | 1,782.87         |
| 23                             | NTPC Kudgi                   | 153.19          | 158.30          | 153.19          | 158.30          | 158.30          | 153.19          | 158.30          | 125.96          | 158.30          | 136.17          | 142.98          | 158.30          | 1,814.45         |

| FY 2026-27       |                                      |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
|------------------|--------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Sr. No           | Name of the Station                  | Apr-26          | May-26          | Jun-26          | Jul-26          | Aug-26          | Sep-26          | Oct-26          | Nov-26          | Dec-26          | Jan-27          | Feb-27          | Mar-27          | Total            |
| 24               | NLC TPS II Stage I                   | 1.71            | 1.77            | 1.71            | 1.26            | 1.77            | 1.49            | 1.28            | 0.80            | 1.77            | 1.77            | 1.60            | 1.77            | 18.71            |
| 25               | NLC TPS II Stage II                  | 2.26            | 2.33            | 1.75            | 2.33            | 1.77            | 1.97            | 2.33            | 2.07            | 1.82            | 2.01            | 2.11            | 2.33            | 25.08            |
| 26               | NNTPP                                | 35.38           | 36.56           | 35.38           | 18.28           | 28.31           | 29.49           | 36.56           | 35.38           | 36.56           | 36.56           | 33.02           | 36.56           | 398.07           |
| 27               | Neyveil New unit -1 (Expansion)      | 1.99            | 2.05            | 1.99            | 1.22            | 2.05            | 1.99            | 1.69            | 1.52            | 2.05            | 2.05            | 1.85            | 2.05            | 22.50            |
| 28               | Neyveil New unit -2 (Expansion)      | 2.36            | 1.22            | 0.71            | 1.22            | 1.81            | 2.36            | 2.44            | 2.36            | 2.44            | 2.44            | 2.21            | 2.44            | 24.03            |
| 29               | NTECL Vallur TPS                     | 58.61           | 60.56           | 39.07           | 47.54           | 60.56           | 58.61           | 60.56           | 58.61           | 60.56           | 60.56           | 54.70           | 60.56           | 680.53           |
| 30               | NLC TamilNadu Power Ltd              | 82.66           | 85.42           | 73.02           | 44.09           | 85.42           | 82.66           | 85.42           | 82.66           | 85.42           | 85.42           | 77.15           | 85.42           | 954.73           |
| 31               | Telangana STPP Phase-I               | 784.46          | 810.61          | 588.35          | 549.12          | 810.61          | 784.46          | 810.61          | 784.46          | 810.61          | 810.61          | 732.17          | 810.61          | 9,086.70         |
| <b>C1</b>        | <b>Nuclear</b>                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 32               | NPC-MAPS                             | 15.41           | 15.93           | 15.41           | 15.93           | 15.93           | 15.41           | 15.93           | 15.41           | 15.93           | 0.00            | 0.00            | 0.00            | 141.29           |
| 33               | NPC-Kaiga unit I & II                | 47.07           | 48.63           | 47.07           | 48.63           | 48.63           | 47.07           | 48.63           | 47.07           | 48.63           | 24.32           | 29.81           | 48.63           | 534.19           |
| 34               | NPC-Kaiga unit III & IV              | 50.17           | 51.84           | 50.17           | 51.84           | 51.84           | 50.17           | 51.84           | 50.17           | 25.92           | 44.32           | 46.82           | 51.84           | 576.94           |
| 35               | NPC- Kudankulam                      | 36.00           | 37.20           | 36.00           | 37.20           | 37.20           | 36.00           | 37.20           | 36.00           | 37.20           | 27.00           | 16.80           | 27.60           | 401.40           |
| 36               | Kudankulam (KKNPP) Unit-II           | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| <b>C2</b>        | <b>Bundled Power</b>                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 37               | JNNM Phase-1 Bundled Power(Coal)     | 28.04           | 28.97           | 28.04           | 28.97           | 28.97           | 28.04           | 28.97           | 28.04           | 28.97           | 28.97           | 26.17           | 28.97           | 341.10           |
| 38               | NTPC Bundled Power (Coal)            | 122.40          | 126.48          | 122.40          | 126.48          | 126.48          | 122.40          | 126.48          | 122.40          | 126.48          | 126.48          | 114.24          | 126.48          | 1,489.20         |
| <b>Total (C)</b> |                                      | <b>2,244.21</b> | <b>2,317.80</b> | <b>1,982.46</b> | <b>1,945.46</b> | <b>2,309.57</b> | <b>2,237.81</b> | <b>2,318.16</b> | <b>2,201.41</b> | <b>2,261.77</b> | <b>2,197.19</b> | <b>2,029.90</b> | <b>2,293.49</b> | <b>26,339.24</b> |
| <b>D</b>         | <b>Others</b>                        |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 39               | SEIL (LT-1)                          | 155.01          | 160.18          | 155.01          | 160.18          | 160.18          | 155.01          | 160.18          | 155.01          | 160.18          | 160.18          | 144.68          | 160.18          | 1,885.95         |
| 40               | Singareni TPP                        | 519.13          | 415.30          | 692.17          | 715.24          | 715.24          | 692.17          | 715.24          | 692.17          | 715.24          | 715.24          | 646.03          | 715.24          | 7,948.44         |
| <b>Total (D)</b> |                                      | <b>674.14</b>   | <b>575.48</b>   | <b>847.18</b>   | <b>875.42</b>   | <b>875.42</b>   | <b>847.18</b>   | <b>875.42</b>   | <b>847.18</b>   | <b>875.42</b>   | <b>875.42</b>   | <b>790.70</b>   | <b>875.42</b>   | <b>9,834.39</b>  |
| <b>E</b>         | <b>Non-Conventional Energy (NCE)</b> |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 41               | Biomass                              | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.23             |
| 42               | Bagasse Cogeneration                 | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| 43               | Municipal Waste to Energy            | 21.15           | 21.86           | 21.15           | 21.86           | 21.86           | 21.15           | 21.86           | 21.15           | 21.86           | 21.86           | 19.74           | 21.86           | 257.36           |
| 44               | Industrial waste based               | 6.20            | 6.40            | 6.20            | 6.40            | 6.40            | 6.20            | 6.40            | 6.20            | 6.40            | 6.40            | 5.79            | 6.40            | 75.41            |



| FY 2026-27         |                                    |                 |                 |                 |                 |                  |                 |                  |                 |                 |                 |                 |                 |                    |
|--------------------|------------------------------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------------------|
| Sr. No             | Name of the Station                | Apr-26          | May-26          | Jun-26          | Jul-26          | Aug-26           | Sep-26          | Oct-26           | Nov-26          | Dec-26          | Jan-27          | Feb-27          | Mar-27          | Total              |
| 45                 | Wind                               | 14.14           | 18.29           | 30.26           | 31.20           | 40.41            | 23.33           | 10.37            | 20.34           | 32.06           | 27.15           | 18.96           | 16.63           | 283.14             |
| 46                 | Mini Hydel                         | 0.03            | 0.03            | 0.03            | 0.03            | 0.03             | 0.03            | 0.03             | 0.03            | 0.03            | 0.03            | 0.03            | 0.03            | 0.37               |
| 47                 | NTPC CPSU Ph-II Tr- I&II           | 289.00          | 296.65          | 280.26          | 219.69          | 267.47           | 233.33          | 291.75           | 242.55          | 259.51          | 280.57          | 287.98          | 308.80          | 3,257.56           |
| 48                 | NTPC, NHPC CPSU Ph-II Tr-III       | 298.05          | 305.94          | 289.04          | 226.57          | 275.85           | 240.64          | 300.89           | 250.15          | 267.64          | 289.35          | 297.00          | 318.47          | 3,359.60           |
| 49                 | SECI 400 MW                        | 68.32           | 70.13           | 66.26           | 51.94           | 63.23            | 55.16           | 68.97            | 57.34           | 61.35           | 66.33           | 68.08           | 73.00           | 770.11             |
| 50                 | SECI 1000 MW                       | 170.80          | 175.32          | 165.64          | 129.84          | 158.08           | 137.90          | 172.43           | 143.35          | 153.38          | 165.82          | 170.20          | 182.50          | 1,925.27           |
| 51                 | NTPC Bundled Scheme under JNNSM-I  | 9.53            | 9.78            | 9.24            | 7.25            | 8.82             | 7.70            | 9.62             | 8.00            | 8.56            | 9.25            | 9.50            | 10.19           | 107.45             |
| 52                 | NTPC Bundled Scheme under JNNSM-II | 68.32           | 70.13           | 66.26           | 51.94           | 63.23            | 55.16           | 68.97            | 57.34           | 61.35           | 66.33           | 68.08           | 73.00           | 770.11             |
| 53                 | Solar                              | 484.79          | 497.62          | 470.14          | 368.53          | 448.69           | 391.41          | 489.42           | 406.89          | 435.34          | 470.65          | 483.09          | 518.01          | 5,464.58           |
| 54                 | PM-KUSUM & PM-Suryaghar            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             | 0.00            | 0.00             | 0.00            | 0.00            | 81.19           | 83.34           | 89.36           | 253.89             |
| <b>Total (E)</b>   |                                    | <b>1,430.35</b> | <b>1,472.18</b> | <b>1,404.49</b> | <b>1,115.28</b> | <b>1,354.11</b>  | <b>1,172.01</b> | <b>1,440.74</b>  | <b>1,213.37</b> | <b>1,307.50</b> | <b>1,484.95</b> | <b>1,511.81</b> | <b>1,618.28</b> | <b>16,525.08</b>   |
| <b>Grand Total</b> |                                    | <b>8,484.79</b> | <b>8,632.71</b> | <b>8,008.30</b> | <b>8,169.85</b> | <b>10,206.75</b> | <b>9,766.73</b> | <b>10,381.96</b> | <b>8,656.80</b> | <b>8,903.77</b> | <b>9,433.17</b> | <b>8,691.64</b> | <b>9,688.00</b> | <b>1,09,024.47</b> |



## ANNEXURE VI: MERIT ORDER DESPATCH FOR FY 2026-27

## Merit Order Despatch of Energy approved (MUs) for FY 2026-27

| FY 2025-26                     |                              |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
|--------------------------------|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Sr. No                         | Name of the Station          | Apr-26          | May-26          | Jun-26          | Jul-26          | Aug-26          | Sep-26          | Oct-26          | Nov-26          | Dec-26          | Jan-27          | Feb-27          | Mar-27          | Total            |
| <b>A</b>                       | <b>TGGENCO-Thermal</b>       |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 1                              | KTPS-V                       | 179.59          | 185.57          | 179.59          | 65.85           | 185.57          | 179.59          | 185.57          | 179.59          | 185.57          | 185.57          | 259.04          | 286.79          | 2,257.89         |
| 2                              | KTPS-VI                      | 187.61          | 193.86          | 187.61          | 193.86          | 193.86          | 187.61          | 193.86          | 187.61          | 193.86          | 193.86          | 270.61          | 299.60          | 2,483.78         |
| 3                              | KTPS-VII                     | 463.90          | 479.36          | 463.90          | 479.36          | 479.36          | 463.90          | 387.82          | 463.90          | 479.36          | 479.36          | 432.97          | 479.36          | 5,552.53         |
| 4                              | RTS-B                        | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| 5                              | KTPP-I                       | 289.94          | 299.60          | 0.00            | 154.63          | 299.60          | 238.53          | 193.86          | 260.64          | 299.60          | 299.60          | 270.61          | 299.60          | 2,906.20         |
| 6                              | KTPP-II                      | 347.92          | 359.52          | 347.92          | 359.52          | 359.52          | 347.92          | 232.63          | 162.36          | 313.13          | 359.52          | 324.73          | 359.52          | 3,874.21         |
| 7                              | BTPS                         | 604.78          | 525.45          | 539.26          | 589.66          | 624.94          | 391.33          | 404.37          | 358.72          | 574.54          | 624.94          | 564.46          | 624.94          | 6,427.38         |
| 8                              | YTPS                         | 1,588.89        | 1,240.69        | 1,200.67        | 1,614.29        | 1,550.87        | 1,500.84        | 1,550.87        | 1,300.73        | 1,378.41        | 1,862.76        | 2,164.85        | 2,396.80        | 19,350.66        |
| <b>Total (A)</b>               |                              | <b>3,662.61</b> | <b>3,284.06</b> | <b>2,918.94</b> | <b>3,457.16</b> | <b>3,693.71</b> | <b>3,309.70</b> | <b>3,148.98</b> | <b>2,913.54</b> | <b>3,424.47</b> | <b>4,005.60</b> | <b>4,287.26</b> | <b>4,746.60</b> | <b>42,852.64</b> |
| <b>B</b>                       | <b>TGGENCO-Hydel</b>         |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 9                              | PJHES (Inter State)          | 0.33            | 0.00            | 0.00            | 8.13            | 46.35           | 46.11           | 50.38           | 17.44           | 5.97            | 6.49            | 3.62            | 7.76            | 192.59           |
| 10                             | Nagarjuna sagar complex      | 2.28            | 0.00            | 0.01            | 56.70           | 323.13          | 321.45          | 351.19          | 121.59          | 41.58           | 45.26           | 25.25           | 54.10           | 1,342.54         |
| 11                             | Nagarjuna sagar Left Bank PH | 0.17            | 0.00            | 0.00            | 4.17            | 23.77           | 23.65           | 25.84           | 8.94            | 3.06            | 3.33            | 1.86            | 3.98            | 98.76            |
| 12                             | SLBHES                       | 2.51            | 0.00            | 0.01            | 62.57           | 356.57          | 354.71          | 387.53          | 134.17          | 45.89           | 49.95           | 27.86           | 59.70           | 1,481.47         |
| 13                             | LJHES                        | 0.67            | 0.00            | 0.00            | 16.69           | 95.09           | 94.59           | 103.34          | 35.78           | 12.24           | 13.32           | 7.43            | 15.92           | 395.06           |
| 14                             | PCHES- Pulichintala          | 0.34            | 0.00            | 0.00            | 8.34            | 47.54           | 47.29           | 51.67           | 17.89           | 6.12            | 6.66            | 3.71            | 7.96            | 197.53           |
| 15                             | Pochampad-II                 | 0.05            | 0.00            | 0.00            | 1.25            | 7.13            | 7.09            | 7.75            | 2.68            | 0.92            | 1.00            | 0.56            | 1.19            | 29.63            |
| 16                             | Small Hydel                  | 0.13            | 0.00            | 0.00            | 3.13            | 17.83           | 17.74           | 19.38           | 6.71            | 2.29            | 2.50            | 1.39            | 2.98            | 74.07            |
| 17                             | Mini Hydel- Peddapalli       | 0.03            | 0.00            | 0.00            | 0.64            | 3.63            | 3.61            | 3.94            | 1.37            | 0.47            | 0.51            | 0.28            | 0.61            | 15.08            |
| <b>Total (B)</b>               |                              | <b>6.50</b>     | <b>0.00</b>     | <b>0.03</b>     | <b>161.62</b>   | <b>921.05</b>   | <b>916.24</b>   | <b>1,001.03</b> | <b>346.57</b>   | <b>118.53</b>   | <b>129.01</b>   | <b>71.97</b>    | <b>154.20</b>   | <b>3,826.74</b>  |
| <b>TGGENCO-Thermal + Hydel</b> |                              | <b>3,669.11</b> | <b>3,284.06</b> | <b>2,918.97</b> | <b>3,618.79</b> | <b>4,614.76</b> | <b>4,225.94</b> | <b>4,150.01</b> | <b>3,260.11</b> | <b>3,543.00</b> | <b>4,134.61</b> | <b>4,359.22</b> | <b>4,900.80</b> | <b>46,679.39</b> |
| <b>C</b>                       | <b>CGS Stations</b>          |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 18                             | Ramagundam Stage I&II        | 193.93          | 129.67          | 117.12          | 177.77          | 129.67          | 125.49          | 129.67          | 116.42          | 176.69          | 187.47          | 161.61          | 200.40          | 1,845.92         |

| FY 2025-26                 |                                    |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
|----------------------------|------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Sr. No                     | Name of the Station                | Apr-26          | May-26          | Jun-26          | Jul-26          | Aug-26          | Sep-26          | Oct-26          | Nov-26          | Dec-26          | Jan-27          | Feb-27          | Mar-27          | Total            |
| 19                         | Ramagundam Stage III               | 49.09           | 32.82           | 31.76           | 50.72           | 32.82           | 31.76           | 32.82           | 31.76           | 50.72           | 50.72           | 45.81           | 50.72           | 491.54           |
| 20                         | Talcher TPS II                     | 122.10          | 131.15          | 100.73          | 111.93          | 126.17          | 122.10          | 126.17          | 122.10          | 119.05          | 97.68           | 113.96          | 126.17          | 1,419.33         |
| 21                         | Simhadri Stage I                   | 310.84          | 207.84          | 201.13          | 321.20          | 207.84          | 201.13          | 207.84          | 201.13          | 321.20          | 321.20          | 290.12          | 321.20          | 3,112.70         |
| 22                         | Simhadri Stage II                  | 146.54          | 157.40          | 146.54          | 151.42          | 151.42          | 94.82           | 97.98           | 94.82           | 151.42          | 151.42          | 136.77          | 151.42          | 1,631.97         |
| 23                         | NTPC Kudgi                         | 99.12           | 102.43          | 99.12           | 102.43          | 102.43          | 99.12           | 102.43          | 81.50           | 102.43          | 88.11           | 142.98          | 158.30          | 1,280.38         |
| 24                         | NLC TPS II Stage I                 | 1.11            | 1.15            | 1.11            | 0.81            | 1.15            | 0.96            | 0.83            | 0.52            | 1.15            | 1.15            | 1.60            | 1.77            | 13.30            |
| 25                         | NLC TPS II Stage II                | 1.46            | 1.51            | 1.13            | 1.51            | 1.14            | 1.28            | 1.51            | 1.34            | 1.18            | 1.30            | 2.11            | 2.33            | 17.80            |
| 26                         | NNTP                               | 35.38           | 38.01           | 35.38           | 18.28           | 28.31           | 19.08           | 23.66           | 22.90           | 36.56           | 36.56           | 33.02           | 36.56           | 363.71           |
| 27                         | Neyveil New unit -1 (Expansion)    | 1.99            | 1.33            | 1.99            | 1.22            | 2.05            | 1.28            | 1.09            | 0.99            | 2.05            | 2.05            | 1.85            | 2.05            | 19.95            |
| 28                         | Neyveil New unit -2 (Expansion)    | 2.36            | 0.79            | 0.46            | 1.22            | 1.17            | 1.53            | 1.58            | 1.53            | 2.44            | 2.44            | 2.21            | 2.44            | 20.18            |
| 29                         | NTECL Vallur TPS                   | 37.92           | 39.19           | 25.28           | 30.76           | 39.19           | 37.92           | 39.19           | 37.92           | 39.19           | 39.19           | 54.70           | 60.56           | 481.03           |
| 30                         | NLC Tamil Nadu Power Ltd           | 53.49           | 55.27           | 47.25           | 28.53           | 55.27           | 53.49           | 55.27           | 53.49           | 55.27           | 55.27           | 77.15           | 85.42           | 675.14           |
| 31                         | Telangana STPP Phase-I             | 784.46          | 524.51          | 380.70          | 549.12          | 789.24          | 507.59          | 524.51          | 507.59          | 810.61          | 810.61          | 732.17          | 810.61          | 7,731.74         |
| <b>Total CGS Stations</b>  |                                    | <b>1,839.80</b> | <b>1,423.06</b> | <b>1,189.70</b> | <b>1,546.94</b> | <b>1,667.87</b> | <b>1,297.56</b> | <b>1,344.54</b> | <b>1,274.01</b> | <b>1,869.98</b> | <b>1,845.19</b> | <b>1,796.06</b> | <b>2,009.97</b> | <b>19,104.68</b> |
| <b>C1</b>                  | <b>Nuclear</b>                     |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 32                         | NPC-MAPS                           | 15.41           | 15.93           | 15.41           | 15.93           | 15.93           | 15.41           | 15.93           | 15.41           | 15.93           | 0.00            | 0.00            | 0.00            | 141.29           |
| 33                         | NPC-Kaiga unit I & II              | 47.07           | 48.63           | 47.07           | 48.63           | 48.63           | 47.07           | 48.63           | 47.07           | 48.63           | 24.32           | 29.81           | 48.63           | 534.19           |
| 34                         | NPC-Kaiga unit III & IV            | 50.17           | 51.84           | 50.17           | 51.84           | 51.84           | 50.17           | 51.84           | 50.17           | 25.92           | 44.32           | 46.82           | 51.84           | 576.94           |
| 35                         | NPC- Kudankulam                    | 36.00           | 37.20           | 36.00           | 37.20           | 37.20           | 36.00           | 37.20           | 36.00           | 37.20           | 27.00           | 16.80           | 27.60           | 401.40           |
| 36                         | Kudankulam (KKNPP) Unit-II         | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| <b>Total Nuclear</b>       |                                    | <b>148.65</b>   | <b>153.60</b>   | <b>148.65</b>   | <b>153.60</b>   | <b>153.60</b>   | <b>148.65</b>   | <b>153.60</b>   | <b>148.65</b>   | <b>127.68</b>   | <b>95.63</b>    | <b>93.43</b>    | <b>128.08</b>   | <b>1,653.82</b>  |
| <b>C2</b>                  | <b>Bundled Power</b>               |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 37                         | JNNSM Phase-1 Bundled Power (Coal) | 28.04           | 28.97           | 28.04           | 28.97           | 28.97           | 28.04           | 28.97           | 28.04           | 28.97           | 28.97           | 26.17           | 28.97           | 341.10           |
| 38                         | NTPC Bundled Power (Coal)          | 122.40          | 126.48          | 122.40          | 126.48          | 126.48          | 122.40          | 126.48          | 122.40          | 126.48          | 126.48          | 114.24          | 126.48          | 1,489.20         |
| <b>Total Bundled Power</b> |                                    | <b>150.44</b>   | <b>155.45</b>   | <b>150.44</b>   | <b>155.45</b>   | <b>155.45</b>   | <b>150.44</b>   | <b>155.45</b>   | <b>150.44</b>   | <b>155.45</b>   | <b>155.45</b>   | <b>140.41</b>   | <b>155.45</b>   | <b>1,830.30</b>  |



| FY 2025-26         |                                      |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |                  |
|--------------------|--------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|
| Sr. No             | Name of the Station                  | Apr-26          | May-26          | Jun-26          | Jul-26          | Aug-26          | Sep-26          | Oct-26          | Nov-26          | Dec-26          | Jan-27          | Feb-27          | Mar-27           | Total            |
| <b>Total (C)</b>   |                                      | <b>2,138.89</b> | <b>1,732.11</b> | <b>1,488.79</b> | <b>1,855.99</b> | <b>1,976.92</b> | <b>1,596.65</b> | <b>1,653.60</b> | <b>1,573.09</b> | <b>2,153.11</b> | <b>2,096.27</b> | <b>2,029.90</b> | <b>2,293.49</b>  | <b>22,588.80</b> |
| <b>D</b>           | <b>Others</b>                        |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |                  |
| 39                 | SEIL (LT-1)                          | 155.01          | 166.50          | 155.01          | 160.18          | 160.18          | 155.01          | 160.18          | 155.01          | 160.18          | 160.18          | 144.68          | 160.18           | 1,892.27         |
| 40                 | Singareni TPP                        | 519.13          | 268.73          | 682.82          | 715.24          | 715.24          | 447.88          | 462.81          | 447.88          | 715.24          | 715.24          | 646.03          | 715.24           | 7,051.48         |
| <b>Total (D)</b>   |                                      | <b>674.14</b>   | <b>435.22</b>   | <b>837.83</b>   | <b>875.42</b>   | <b>875.42</b>   | <b>602.89</b>   | <b>622.98</b>   | <b>602.89</b>   | <b>875.42</b>   | <b>875.42</b>   | <b>790.70</b>   | <b>875.42</b>    | <b>8,943.74</b>  |
| <b>E</b>           | <b>Non-Conventional Energy (NCE)</b> |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |                  |
| 41                 | Biomass                              | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02             | 0.23             |
| 42                 | Bagasse                              | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             | 0.00             |
| 43                 | Municipal waste                      | 21.15           | 21.86           | 21.15           | 21.86           | 21.86           | 21.15           | 21.86           | 21.15           | 21.86           | 21.86           | 19.74           | 21.86            | 257.36           |
| 44                 | Industrial waste                     | 6.20            | 6.40            | 6.20            | 6.40            | 6.40            | 6.20            | 6.40            | 6.20            | 6.40            | 6.40            | 5.79            | 6.40             | 75.41            |
| 45                 | Wind                                 | 14.14           | 18.29           | 30.26           | 31.20           | 40.41           | 23.33           | 10.37           | 20.34           | 32.06           | 27.15           | 18.96           | 16.63            | 283.14           |
| 46                 | Mini Hydel                           | 0.03            | 0.03            | 0.03            | 0.03            | 0.03            | 0.03            | 0.03            | 0.03            | 0.03            | 0.03            | 0.03            | 0.03             | 0.37             |
| 47                 | Solar                                | 484.79          | 497.62          | 470.14          | 368.53          | 448.69          | 391.41          | 489.42          | 406.89          | 435.34          | 470.65          | 483.09          | 518.01           | 5,464.58         |
| 48                 | Solar (JNNSM Phase I)                | 9.53            | 9.78            | 9.24            | 7.25            | 8.82            | 7.70            | 9.62            | 8.00            | 8.56            | 9.25            | 9.50            | 10.19            | 107.45           |
| 49                 | Solar (NTPC)                         | 68.32           | 70.13           | 66.26           | 51.94           | 63.23           | 55.16           | 68.97           | 57.34           | 61.35           | 66.33           | 68.08           | 73.00            | 770.11           |
| 50                 | Solar (SECI)                         | 68.32           | 70.13           | 66.26           | 51.94           | 63.23           | 55.16           | 68.97           | 57.34           | 61.35           | 66.33           | 68.08           | 73.00            | 770.11           |
| 51                 | Solar (NTPC CPSU) Ph-II Tr – I&II    | 289.00          | 296.65          | 280.26          | 219.69          | 267.47          | 233.33          | 291.75          | 242.55          | 259.51          | 280.57          | 287.98          | 308.80           | 3,257.56         |
| 52                 | Solar (NTPC CPSU) Ph-II Tr – III     | 298.05          | 305.94          | 289.04          | 226.57          | 275.85          | 240.64          | 300.89          | 250.15          | 267.64          | 289.35          | 297.00          | 318.47           | 3,359.60         |
| 53                 | SECI (ISTS Tr IX 1000 MW)            | 170.80          | 175.32          | 165.64          | 129.84          | 158.08          | 137.90          | 172.43          | 143.35          | 153.38          | 165.82          | 170.20          | 182.50           | 1,925.27         |
| 54                 | PM KUSUM                             | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 81.19           | 83.34           | 89.36            | 253.89           |
| <b>Total (E)</b>   |                                      | <b>1,430.35</b> | <b>1,472.18</b> | <b>1,404.49</b> | <b>1,115.28</b> | <b>1,354.11</b> | <b>1,172.01</b> | <b>1,440.74</b> | <b>1,213.37</b> | <b>1,307.50</b> | <b>1,484.95</b> | <b>1,511.81</b> | <b>1,618.28</b>  | <b>16,525.08</b> |
| 55                 | Short-term Purchases                 | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 325.14          | 804.58           | 1,129.72         |
| <b>Grand Total</b> |                                      | <b>7,912.48</b> | <b>6,923.57</b> | <b>6,650.08</b> | <b>7,465.47</b> | <b>8,821.21</b> | <b>7,597.49</b> | <b>7,867.33</b> | <b>6,649.46</b> | <b>7,879.03</b> | <b>8,591.25</b> | <b>9,016.78</b> | <b>10,492.58</b> | <b>95,866.73</b> |



**ANNEXURE VII: MONTHLY POWER PROCUREMENT COST FOR FY 2026-27****Monthly Power Procurement Cost (Rs. Crores) approved for TGDISCOMs**

| Sr. No   | Name of the Station            | Apr-26          | May-26          | Jun-26          | Jul-26          | Aug-26          | Sep-26          | Oct-26          | Nov-26          | Dec-26          | Jan-27          | Feb-27          | Mar-27          | Total            |
|----------|--------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| <b>A</b> | <b>TGGENCO-Thermal</b>         |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 1        | KTPS-V                         | 91.40           | 94.45           | 91.40           | 53.68           | 94.45           | 91.40           | 94.45           | 91.40           | 94.45           | 94.45           | 116.44          | 128.92          | 1,136.91         |
| 2        | KTPS-VI                        | 104.98          | 108.48          | 104.98          | 108.48          | 108.48          | 104.98          | 108.48          | 104.98          | 108.48          | 108.48          | 131.19          | 145.25          | 1,347.23         |
| 3        | KTPS-VII                       | 229.78          | 237.44          | 229.78          | 237.44          | 237.44          | 229.78          | 212.74          | 229.78          | 237.44          | 237.44          | 214.46          | 237.44          | 2,770.92         |
| 4        | RTS-B                          | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| 5        | KTPP-I                         | 119.07          | 123.04          | 35.16           | 81.08           | 123.04          | 104.19          | 92.44           | 110.59          | 123.04          | 123.04          | 111.13          | 123.04          | 1,268.85         |
| 6        | KTPP-II                        | 150.43          | 155.44          | 150.43          | 155.44          | 155.44          | 150.43          | 120.94          | 99.98           | 142.83          | 155.44          | 140.40          | 155.44          | 1,732.67         |
| 7        | BTPS                           | 312.66          | 293.07          | 292.90          | 312.44          | 323.09          | 248.27          | 256.54          | 238.43          | 307.88          | 323.09          | 291.82          | 323.09          | 3,523.27         |
| 8        | YTPS                           | 1,056.59        | 957.82          | 926.93          | 1,082.60        | 1,061.42        | 1,027.18        | 1,061.42        | 960.34          | 1,003.82        | 1,165.59        | 1,213.90        | 1,343.96        | 12,861.58        |
|          | <b>Total (A)</b>               | <b>2,064.91</b> | <b>1,969.74</b> | <b>1,831.57</b> | <b>2,031.17</b> | <b>2,103.35</b> | <b>1,956.23</b> | <b>1,947.01</b> | <b>1,835.50</b> | <b>2,017.94</b> | <b>2,207.53</b> | <b>2,219.34</b> | <b>2,457.13</b> | <b>24,641.43</b> |
| <b>B</b> | <b>TGGENCO-Hydel</b>           |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 9        | PJHES (Inter State)            | 9.03            | 9.34            | 9.03            | 9.34            | 9.34            | 9.03            | 9.34            | 9.03            | 9.34            | 9.34            | 8.43            | 9.34            | 109.92           |
| 10       | Nagarjuna Sagar complex        | 27.37           | 28.28           | 27.37           | 28.28           | 28.28           | 27.37           | 28.28           | 27.37           | 28.28           | 28.28           | 25.55           | 28.28           | 333.01           |
| 11       | Nagarjuna Sagar Left Bank PH   | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| 12       | SLBHES                         | 37.76           | 39.02           | 37.76           | 39.02           | 39.02           | 37.76           | 39.02           | 37.76           | 39.02           | 39.02           | 35.24           | 39.02           | 459.41           |
| 13       | LJHES                          | 18.20           | 18.80           | 18.20           | 18.80           | 18.80           | 18.20           | 18.80           | 18.20           | 18.80           | 18.80           | 16.98           | 18.80           | 221.40           |
| 14       | PCHES- Pulichintala            | 7.99            | 8.26            | 7.99            | 8.26            | 8.26            | 7.99            | 8.26            | 7.99            | 8.26            | 8.26            | 7.46            | 8.26            | 97.26            |
| 15       | Pochampad-II                   | 0.95            | 0.98            | 0.95            | 0.98            | 0.98            | 0.95            | 0.98            | 0.95            | 0.98            | 0.98            | 0.89            | 0.98            | 11.57            |
| 16       | Small Hydel                    | 5.15            | 5.32            | 5.15            | 5.32            | 5.32            | 5.15            | 5.32            | 5.15            | 5.32            | 5.32            | 4.81            | 5.32            | 62.67            |
| 17       | Mini Hydel- Peddapalli         | 0.91            | 0.94            | 0.91            | 0.94            | 0.94            | 0.91            | 0.94            | 0.91            | 0.94            | 0.94            | 0.85            | 0.94            | 11.05            |
|          | <b>Total (B)</b>               | <b>107.37</b>   | <b>110.95</b>   | <b>107.37</b>   | <b>110.95</b>   | <b>110.95</b>   | <b>107.37</b>   | <b>110.95</b>   | <b>107.37</b>   | <b>110.95</b>   | <b>110.95</b>   | <b>100.21</b>   | <b>110.95</b>   | <b>1,306.30</b>  |
|          | <b>Other Cost</b>              | <b>137.58</b>   | <b>137.58</b>   | <b>137.58</b>   | <b>137.58</b>   | <b>137.58</b>   | <b>137.58</b>   | <b>137.58</b>   | <b>137.58</b>   | <b>137.58</b>   | <b>137.58</b>   | <b>137.58</b>   | <b>137.58</b>   | <b>1,650.90</b>  |
|          | <b>TGGENCO-Thermal + Hydel</b> | <b>2,309.86</b> | <b>2,218.26</b> | <b>2,076.52</b> | <b>2,279.69</b> | <b>2,351.88</b> | <b>2,201.17</b> | <b>2,195.53</b> | <b>2,080.44</b> | <b>2,266.46</b> | <b>2,456.05</b> | <b>2,457.12</b> | <b>2,705.65</b> | <b>27,598.63</b> |
| <b>C</b> | <b>CGS Stations</b>            |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 18       | Ramagundam Stage I&II          | 79.10           | 58.31           | 53.66           | 74.24           | 58.31           | 56.43           | 58.31           | 53.43           | 73.89           | 77.46           | 67.41           | 81.74           | 792.28           |

| Sr. No    | Name of the Station                  | Apr-26          | May-26        | Jun-26        | Jul-26        | Aug-26        | Sep-26        | Oct-26        | Nov-26        | Dec-26          | Jan-27          | Feb-27        | Mar-27          | Total            |
|-----------|--------------------------------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|-----------------|---------------|-----------------|------------------|
| 19        | Ramagundam Stage III                 | 20.38           | 15.15         | 14.66         | 21.06         | 15.15         | 14.66         | 15.15         | 14.66         | 21.06           | 21.06           | 19.02         | 21.06           | 213.11           |
| 20        | Talcher TPS II                       | 30.02           | 31.82         | 26.59         | 28.74         | 31.02         | 30.02         | 31.02         | 30.02         | 29.88           | 26.45           | 28.02         | 31.02           | 354.60           |
| 21        | Simhadri Stage I                     | 141.86          | 108.84        | 105.33        | 146.59        | 108.84        | 105.33        | 108.84        | 105.33        | 146.59          | 146.59          | 132.40        | 146.59          | 1,503.10         |
| 22        | Simhadri Stage II                    | 64.98           | 68.90         | 64.98         | 67.14         | 67.14         | 49.78         | 51.44         | 49.78         | 67.14           | 67.14           | 60.65         | 67.14           | 746.23           |
| 23        | NTPC Kudgi                           | 75.74           | 78.27         | 75.74         | 78.27         | 78.27         | 75.74         | 78.27         | 66.84         | 78.27           | 71.04           | 96.18         | 106.49          | 959.12           |
| 24        | NLC TPS II Stage I                   | 0.79            | 0.81          | 0.79          | 0.70          | 0.81          | 0.74          | 0.71          | 0.59          | 0.81            | 0.81            | 0.92          | 1.02            | 9.52             |
| 25        | NLC TPS II Stage II                  | 1.65            | 1.71          | 1.54          | 1.71          | 1.58          | 1.59          | 1.71          | 1.61          | 1.59            | 1.64            | 1.79          | 1.98            | 20.09            |
| 26        | NNTPP                                | 16.57           | 17.56         | 16.57         | 11.69         | 14.67         | 11.72         | 13.29         | 12.86         | 17.13           | 17.13           | 15.47         | 17.13           | 181.78           |
| 27        | Neyveil New unit -1 (Extension)      | 0.94            | 0.75          | 0.94          | 0.72          | 0.97          | 0.72          | 0.68          | 0.63          | 0.97            | 0.97            | 0.88          | 0.97            | 10.15            |
| 28        | Neyveil New unit -2 (Extension)      | 1.45            | 0.95          | 0.82          | 1.09          | 1.08          | 1.17          | 1.21          | 1.17          | 1.50            | 1.50            | 1.35          | 1.50            | 14.78            |
| 29        | NTECL Vallur TPS                     | 23.82           | 24.61         | 19.22         | 21.55         | 24.61         | 23.82         | 24.61         | 23.82         | 24.61           | 24.61           | 29.27         | 32.40           | 296.96           |
| 30        | NLC Tamil Nadu Power Ltd             | 37.66           | 38.92         | 35.14         | 28.13         | 38.92         | 37.66         | 38.92         | 37.66         | 38.92           | 38.92           | 46.14         | 51.08           | 468.07           |
| 31        | Telangana STPP Phase-I               | 384.62          | 303.90        | 252.61        | 311.95        | 390.46        | 294.10        | 303.90        | 294.10        | 397.44          | 397.44          | 358.98        | 397.44          | 4,086.95         |
| <b>C1</b> | <b>Nuclear</b>                       |                 |               |               |               |               |               |               |               |                 |                 |               |                 |                  |
| 32        | NPC-MAPS                             | 3.90            | 4.03          | 3.90          | 4.03          | 4.03          | 3.90          | 4.03          | 3.90          | 4.03            | 0.00            | 0.00          | 0.00            | 35.72            |
| 33        | NPC-Kaiga unit I & II                | 16.05           | 16.58         | 16.05         | 16.58         | 16.58         | 16.05         | 16.58         | 16.05         | 16.58           | 8.29            | 10.16         | 16.58           | 182.13           |
| 34        | NPC-Kaiga unit III & IV              | 17.10           | 17.67         | 17.10         | 17.67         | 17.67         | 17.10         | 17.67         | 17.10         | 8.84            | 15.11           | 15.96         | 17.67           | 196.71           |
| 35        | NPC- Kudankulam                      | 17.17           | 17.74         | 17.17         | 17.74         | 17.74         | 17.17         | 17.74         | 17.17         | 17.74           | 12.88           | 8.01          | 13.16           | 191.45           |
| 36        | Kudankulam (KKNPP) Unit-II           | 0.00            | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00            | 0.00            | 0.00          | 0.00            | 0.00             |
| <b>C2</b> | <b>Bundled Power</b>                 |                 |               |               |               |               |               |               |               |                 |                 |               |                 |                  |
| 37        | JNNM Phase-1 Bundled Power (Coal)    | 14.62           | 15.10         | 14.62         | 15.10         | 15.10         | 14.62         | 15.10         | 14.62         | 15.10           | 15.10           | 13.64         | 15.10           | 177.84           |
| 38        | NTPC Bundled Power (Coal)            | 55.84           | 57.70         | 55.84         | 57.70         | 57.70         | 55.84         | 57.70         | 55.84         | 57.70           | 57.70           | 52.12         | 57.70           | 679.42           |
|           | <b>Total (C)</b>                     | <b>1,004.27</b> | <b>879.33</b> | <b>793.27</b> | <b>922.40</b> | <b>960.67</b> | <b>828.16</b> | <b>856.88</b> | <b>817.18</b> | <b>1,019.81</b> | <b>1,001.85</b> | <b>958.38</b> | <b>1,077.80</b> | <b>11,120.00</b> |
| <b>D</b>  | <b>Others</b>                        |                 |               |               |               |               |               |               |               |                 |                 |               |                 |                  |
| 39        | SEIL (LT-1)                          | 64.47           | 68.25         | 64.47         | 66.62         | 66.62         | 64.47         | 66.62         | 64.47         | 66.62           | 66.62           | 60.17         | 66.62           | 786.02           |
| 40        | Singareni TPP                        | 260.46          | 183.65        | 312.73        | 326.24        | 326.24        | 237.70        | 245.63        | 237.70        | 326.24          | 326.24          | 294.67        | 326.24          | 3,403.75         |
|           | <b>Total (D)</b>                     | <b>324.93</b>   | <b>251.90</b> | <b>377.20</b> | <b>392.86</b> | <b>392.86</b> | <b>302.17</b> | <b>312.25</b> | <b>302.17</b> | <b>392.86</b>   | <b>392.86</b>   | <b>354.84</b> | <b>392.86</b>   | <b>4,189.77</b>  |
| <b>E</b>  | <b>Non-Conventional Energy (NCE)</b> |                 |               |               |               |               |               |               |               |                 |                 |               |                 |                  |



| Sr. No   | Name of the Station               | Apr-26          | May-26          | Jun-26          | Jul-26          | Aug-26          | Sep-26          | Oct-26          | Nov-26          | Dec-26          | Jan-27          | Feb-27          | Mar-27          | Total            |
|----------|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| 41       | Biomass                           | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.02            | 0.01            | 0.02            | 0.19             |
| 42       | Bagasse                           | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| 43       | Municipal waste                   | 15.72           | 16.24           | 15.72           | 16.24           | 16.24           | 15.72           | 16.24           | 15.72           | 16.24           | 16.24           | 14.67           | 16.24           | 191.21           |
| 44       | Industrial waste                  | 5.16            | 5.33            | 5.16            | 5.33            | 5.33            | 5.16            | 5.33            | 5.16            | 5.33            | 5.33            | 4.81            | 5.33            | 62.76            |
| 45       | Wind                              | 6.07            | 7.85            | 12.99           | 13.40           | 17.35           | 10.01           | 4.45            | 8.73            | 13.76           | 11.65           | 8.14            | 7.14            | 121.55           |
| 46       | Mini Hydel                        | 0.01            | 0.01            | 0.01            | 0.01            | 0.01            | 0.01            | 0.01            | 0.01            | 0.01            | 0.01            | 0.01            | 0.01            | 0.08             |
| 47       | Solar                             | 285.78          | 293.35          | 277.15          | 217.25          | 264.50          | 230.73          | 288.51          | 239.86          | 256.63          | 277.45          | 284.78          | 305.37          | 3,221.35         |
| 48       | Solar (JNNSM Phase I)             | 9.96            | 10.23           | 9.66            | 7.57            | 9.22            | 8.04            | 10.06           | 8.36            | 8.95            | 9.67            | 9.93            | 10.64           | 112.28           |
| 49       | Solar (NTPC)                      | 32.67           | 33.53           | 31.68           | 24.84           | 30.24           | 26.38           | 32.98           | 27.42           | 29.34           | 31.72           | 32.56           | 34.91           | 368.26           |
| 50       | Solar (SECI)                      | 18.99           | 19.50           | 18.42           | 14.44           | 17.58           | 15.33           | 19.17           | 15.94           | 17.06           | 18.44           | 18.93           | 20.29           | 214.09           |
| 51       | Solar (NTPC CPSU) Ph-II Tr – I&II | 81.58           | 83.74           | 79.11           | 62.02           | 75.50           | 65.87           | 82.36           | 68.47           | 73.26           | 79.20           | 81.29           | 87.17           | 919.57           |
| 52       | Solar (NTPC CPSU) Ph-II Tr – III  | 75.57           | 77.57           | 73.29           | 57.45           | 69.95           | 61.02           | 76.29           | 63.43           | 67.86           | 73.37           | 75.31           | 80.75           | 851.87           |
| 53       | SECI (ISTS Tr IX 1000 MW)         | 41.73           | 42.83           | 40.47           | 31.72           | 38.62           | 33.69           | 42.12           | 35.02           | 37.47           | 40.51           | 41.58           | 44.59           | 470.34           |
| 54       | PM KUSUM & PM Suryaghar           | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 13.56           | 13.91           | 14.92           | 42.39            |
|          | <b>Total (C)</b>                  | <b>573.25</b>   | <b>590.20</b>   | <b>563.66</b>   | <b>450.27</b>   | <b>544.55</b>   | <b>471.97</b>   | <b>577.54</b>   | <b>488.13</b>   | <b>525.91</b>   | <b>577.16</b>   | <b>585.93</b>   | <b>627.37</b>   | <b>6,575.95</b>  |
| <b>D</b> | <b>Short term sources</b>         |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 54       | Bi-lateral Purchases (PTC etc.)   | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 136.06          | 336.70          | 472.76           |
| 55       | Bi-lateral Sales (PTC etc.)       | -31.55          | 0.00            | 0.00            | -104.84         | -101.43         | -169.37         | -104.58         | -61.24          | -67.70          | -86.38          | 0.00            | 0.00            | -727.09          |
|          | <b>Total</b>                      | <b>-31.55</b>   | <b>0.00</b>     | <b>0.00</b>     | <b>-104.84</b>  | <b>-101.43</b>  | <b>-169.37</b>  | <b>-104.58</b>  | <b>-61.24</b>   | <b>-67.70</b>   | <b>-86.38</b>   | <b>136.06</b>   | <b>336.70</b>   | <b>-254.33</b>   |
| <b>E</b> | <b>D-D</b>                        |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 56       | Purchases                         | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| 57       | Sale                              | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
|          | <b>Total</b>                      | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>      |
| <b>F</b> | <b>Grand Total</b>                | <b>4,180.76</b> | <b>3,939.69</b> | <b>3,810.65</b> | <b>3,940.38</b> | <b>4,148.52</b> | <b>3,634.11</b> | <b>3,837.62</b> | <b>3,626.68</b> | <b>4,137.34</b> | <b>4,341.54</b> | <b>4,492.35</b> | <b>5,140.38</b> | <b>49,230.02</b> |



**Monthly Power Procurement Cost (Rs. Crores) approved for TGSPDCL**

| Sr. No   | Name of the Station            | Apr-26          | May-26          | Jun-26          | Jul-26          | Aug-26          | Sep-26          | Oct-26          | Nov-26          | Dec-26          | Jan-27          | Feb-27          | Mar-27          | Total            |
|----------|--------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| <b>A</b> | <b>TGGENCO-Thermal</b>         |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 1        | KTPS-V                         | 64.49           | 66.64           | 64.49           | 37.87           | 66.64           | 64.49           | 66.64           | 64.49           | 66.64           | 66.64           | 82.15           | 90.95           | 802.09           |
| 2        | KTPS-VI                        | 74.06           | 76.53           | 74.06           | 76.53           | 76.53           | 74.06           | 76.53           | 74.06           | 76.53           | 76.53           | 92.55           | 102.47          | 950.47           |
| 3        | KTPS-VII                       | 162.11          | 167.51          | 162.11          | 167.51          | 167.51          | 162.11          | 150.09          | 162.11          | 167.51          | 167.51          | 151.30          | 167.51          | 1,954.89         |
| 4        | RTS-B                          | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| 5        | KTPP-I                         | 84.00           | 86.80           | 24.81           | 57.20           | 86.80           | 73.51           | 65.21           | 78.02           | 86.80           | 86.80           | 78.40           | 86.80           | 895.17           |
| 6        | KTPP-II                        | 106.13          | 109.67          | 106.13          | 109.67          | 109.67          | 106.13          | 85.33           | 70.53           | 100.77          | 109.67          | 99.05           | 109.67          | 1,222.40         |
| 7        | BTPS                           | 220.58          | 206.76          | 206.64          | 220.43          | 227.94          | 175.15          | 180.99          | 168.21          | 217.21          | 227.94          | 205.88          | 227.94          | 2,485.66         |
| 8        | YTPS                           | 745.42          | 675.74          | 653.95          | 763.78          | 748.83          | 724.68          | 748.83          | 677.52          | 708.19          | 822.32          | 856.41          | 948.16          | 9,073.84         |
|          | <b>Total (A)</b>               | <b>1,456.80</b> | <b>1,389.65</b> | <b>1,292.18</b> | <b>1,432.99</b> | <b>1,483.92</b> | <b>1,380.12</b> | <b>1,373.62</b> | <b>1,294.95</b> | <b>1,423.65</b> | <b>1,557.41</b> | <b>1,565.74</b> | <b>1,733.50</b> | <b>17,384.53</b> |
| <b>B</b> | <b>TGGENCO-Hydel</b>           |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 9        | PJHES (Inter State)            | 6.37            | 6.59            | 6.37            | 6.59            | 6.59            | 6.37            | 6.59            | 6.37            | 6.59            | 6.59            | 5.95            | 6.59            | 77.55            |
| 10       | Nagarjuna Sagar complex        | 19.31           | 19.95           | 19.31           | 19.95           | 19.95           | 19.31           | 19.95           | 19.31           | 19.95           | 19.95           | 18.02           | 19.95           | 234.94           |
| 11       | Nagarjuna Sagar Left Bank PH   | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| 12       | SLBHES                         | 26.64           | 27.53           | 26.64           | 27.53           | 27.53           | 26.64           | 27.53           | 26.64           | 27.53           | 27.53           | 24.86           | 27.53           | 324.11           |
| 13       | LJHES                          | 12.84           | 13.27           | 12.84           | 13.27           | 13.27           | 12.84           | 13.27           | 12.84           | 13.27           | 13.27           | 11.98           | 13.27           | 156.20           |
| 14       | PCHES- Pulichintala            | 5.64            | 5.83            | 5.64            | 5.83            | 5.83            | 5.64            | 5.83            | 5.64            | 5.83            | 5.83            | 5.26            | 5.83            | 68.62            |
| 15       | Pochampad-II                   | 0.67            | 0.69            | 0.67            | 0.69            | 0.69            | 0.67            | 0.69            | 0.67            | 0.69            | 0.69            | 0.63            | 0.69            | 8.16             |
| 16       | Small Hydel                    | 3.63            | 3.76            | 3.63            | 3.76            | 3.76            | 3.63            | 3.76            | 3.63            | 3.76            | 3.76            | 3.39            | 3.76            | 44.22            |
| 17       | Mini Hydel- Peddapalli         | 0.64            | 0.66            | 0.64            | 0.66            | 0.66            | 0.64            | 0.66            | 0.64            | 0.66            | 0.66            | 0.60            | 0.66            | 7.80             |
|          | <b>Total (B)</b>               | <b>75.75</b>    | <b>78.27</b>    | <b>75.75</b>    | <b>78.27</b>    | <b>78.27</b>    | <b>75.75</b>    | <b>78.27</b>    | <b>75.75</b>    | <b>78.27</b>    | <b>78.27</b>    | <b>70.70</b>    | <b>78.27</b>    | <b>921.60</b>    |
|          | <b>Other Cost</b>              | <b>97.06</b>    | <b>97.06</b>    | <b>97.06</b>    | <b>97.06</b>    | <b>97.06</b>    | <b>97.06</b>    | <b>97.06</b>    | <b>97.06</b>    | <b>97.06</b>    | <b>97.06</b>    | <b>97.06</b>    | <b>97.06</b>    | <b>1,164.71</b>  |
|          | <b>TGGENCO-Thermal + Hydel</b> | <b>1,629.60</b> | <b>1,564.99</b> | <b>1,464.98</b> | <b>1,608.32</b> | <b>1,659.25</b> | <b>1,552.93</b> | <b>1,548.95</b> | <b>1,467.75</b> | <b>1,598.98</b> | <b>1,732.74</b> | <b>1,733.50</b> | <b>1,908.83</b> | <b>19,470.83</b> |
| <b>C</b> | <b>CGS Stations</b>            |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 18       | Ramagundam Stage I&II          | 55.81           | 41.14           | 37.85           | 52.38           | 41.14           | 39.81           | 41.14           | 37.69           | 52.13           | 54.65           | 47.55           | 57.67           | 558.95           |
| 19       | Ramagundam Stage III           | 14.38           | 10.69           | 10.35           | 14.86           | 10.69           | 10.35           | 10.69           | 10.35           | 14.86           | 14.86           | 13.42           | 14.86           | 150.35           |

| Sr. No    | Name of the Station                  | Apr-26        | May-26        | Jun-26        | Jul-26        | Aug-26        | Sep-26        | Oct-26        | Nov-26        | Dec-26        | Jan-27        | Feb-27        | Mar-27        | Total           |
|-----------|--------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|
| 20        | Talcher TPS II                       | 21.18         | 22.45         | 18.76         | 20.27         | 21.88         | 21.18         | 21.88         | 21.18         | 21.08         | 18.66         | 19.77         | 21.88         | 250.17          |
| 21        | Simhadri Stage I                     | 100.08        | 76.78         | 74.31         | 103.42        | 76.78         | 74.31         | 76.78         | 74.31         | 103.42        | 103.42        | 93.41         | 103.42        | 1,060.44        |
| 22        | Simhadri Stage II                    | 45.84         | 48.61         | 45.84         | 47.37         | 47.37         | 35.12         | 36.29         | 35.12         | 47.37         | 47.37         | 42.79         | 47.37         | 526.46          |
| 23        | NTPC Kudgi                           | 53.44         | 55.22         | 53.44         | 55.22         | 55.22         | 53.44         | 55.22         | 47.16         | 55.22         | 50.12         | 67.86         | 75.13         | 676.66          |
| 24        | NLC TPS II Stage I                   | 0.56          | 0.57          | 0.56          | 0.50          | 0.57          | 0.52          | 0.50          | 0.42          | 0.57          | 0.57          | 0.65          | 0.72          | 6.72            |
| 25        | NLC TPS II Stage II                  | 1.16          | 1.20          | 1.09          | 1.20          | 1.12          | 1.12          | 1.20          | 1.14          | 1.13          | 1.15          | 1.26          | 1.40          | 14.17           |
| 26        | NNTPP                                | 11.69         | 12.39         | 11.69         | 8.24          | 10.35         | 8.27          | 9.37          | 9.07          | 12.08         | 12.08         | 10.91         | 12.08         | 128.24          |
| 27        | Neyveil New unit -1 (Extension)      | 0.66          | 0.53          | 0.66          | 0.51          | 0.69          | 0.51          | 0.48          | 0.45          | 0.69          | 0.69          | 0.62          | 0.69          | 7.16            |
| 28        | Neyveil New unit -2 (Extension)      | 1.02          | 0.67          | 0.58          | 0.77          | 0.76          | 0.83          | 0.85          | 0.83          | 1.06          | 1.06          | 0.95          | 1.06          | 10.43           |
| 29        | NTECL Vallur TPS                     | 16.81         | 17.37         | 13.56         | 15.20         | 17.37         | 16.81         | 17.37         | 16.81         | 17.37         | 17.37         | 20.65         | 22.86         | 209.51          |
| 30        | NLC Tamil Nadu Power Ltd             | 26.57         | 27.46         | 24.79         | 19.84         | 27.46         | 26.57         | 27.46         | 26.57         | 27.46         | 27.46         | 32.55         | 36.04         | 330.22          |
| 31        | Telangana STPP Phase-I               | 271.35        | 214.40        | 178.21        | 220.08        | 275.47        | 207.49        | 214.40        | 207.49        | 280.40        | 280.40        | 253.26        | 280.40        | 2,883.34        |
| <b>C1</b> | <b>Nuclear</b>                       |               |               |               |               |               |               |               |               |               |               |               |               | 0.00            |
| 32        | NPC-MAPS                             | 2.75          | 2.84          | 2.75          | 2.84          | 2.84          | 2.75          | 2.84          | 2.75          | 2.84          | 0.00          | 0.00          | 0.00          | 25.20           |
| 33        | NPC-Kaiga unit I & II                | 11.32         | 11.70         | 11.32         | 11.70         | 11.70         | 11.32         | 11.70         | 11.32         | 11.70         | 5.85          | 7.17          | 11.70         | 128.49          |
| 34        | NPC-Kaiga unit III & IV              | 12.07         | 12.47         | 12.07         | 12.47         | 12.47         | 12.07         | 12.47         | 12.07         | 6.23          | 10.66         | 11.26         | 12.47         | 138.78          |
| 35        | NPC- Kudankulam                      | 12.11         | 12.52         | 12.11         | 12.52         | 12.52         | 12.11         | 12.52         | 12.11         | 12.52         | 9.09          | 5.65          | 9.29          | 135.06          |
| 36        | Kudankulam (KKNPP) Unit-II           | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00            |
| <b>C2</b> | <b>Bundled Power</b>                 |               |               |               |               |               |               |               |               |               |               |               |               | 0.00            |
| 37        | JNNM Phase-I Bundled Power (Coal)    | 10.31         | 10.66         | 10.31         | 10.66         | 10.66         | 10.31         | 10.66         | 10.31         | 10.66         | 10.66         | 9.62          | 10.66         | 125.47          |
| 38        | NTPC Bundled Power (Coal)            | 39.40         | 40.71         | 39.40         | 40.71         | 40.71         | 39.40         | 40.71         | 39.40         | 40.71         | 40.71         | 36.77         | 40.71         | 479.33          |
|           | <b>Total (C)</b>                     | <b>708.52</b> | <b>620.36</b> | <b>559.65</b> | <b>650.75</b> | <b>677.75</b> | <b>584.27</b> | <b>604.53</b> | <b>576.52</b> | <b>719.48</b> | <b>706.81</b> | <b>676.14</b> | <b>760.39</b> | <b>7,845.16</b> |
| <b>D</b>  | <b>Others</b>                        |               |               |               |               |               |               |               |               |               |               |               |               |                 |
| 39        | SEIL (LT-1)                          | 45.48         | 48.15         | 45.48         | 47.00         | 47.00         | 45.48         | 47.00         | 45.48         | 47.00         | 47.00         | 42.45         | 47.00         | 554.54          |
| 40        | Singareni TPP                        | 183.75        | 129.56        | 220.63        | 230.16        | 230.16        | 167.70        | 173.29        | 167.70        | 230.16        | 230.16        | 207.89        | 230.16        | 2,401.35        |
|           | <b>Total (D)</b>                     | <b>229.24</b> | <b>177.72</b> | <b>266.12</b> | <b>277.16</b> | <b>277.16</b> | <b>213.18</b> | <b>220.29</b> | <b>213.18</b> | <b>277.16</b> | <b>277.16</b> | <b>250.34</b> | <b>277.16</b> | <b>2,955.89</b> |
| <b>E</b>  | <b>Non-Conventional Energy (NCE)</b> |               |               |               |               |               |               |               |               |               |               |               |               |                 |
| 41        | Biomass                              | 0.02          | 0.02          | 0.02          | 0.02          | 0.02          | 0.02          | 0.02          | 0.02          | 0.02          | 0.02          | 0.01          | 0.02          | 0.19            |



| Sr. No   | Name of the Station               | Apr-26          | May-26          | Jun-26          | Jul-26          | Aug-26          | Sep-26          | Oct-26          | Nov-26          | Dec-26          | Jan-27          | Feb-27          | Mar-27          | Total            |
|----------|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| 42       | Bagasse                           | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| 43       | Municipal waste                   | 15.72           | 16.24           | 15.72           | 16.24           | 16.24           | 15.72           | 16.24           | 15.72           | 16.24           | 16.24           | 14.67           | 16.24           | 191.21           |
| 44       | Industrial waste                  | 2.58            | 2.67            | 2.58            | 2.67            | 2.67            | 2.58            | 2.67            | 2.58            | 2.67            | 2.67            | 2.41            | 2.67            | 31.38            |
| 45       | Wind                              | 6.07            | 7.85            | 12.99           | 13.40           | 17.35           | 10.01           | 4.45            | 8.73            | 13.76           | 11.65           | 8.14            | 7.14            | 121.55           |
| 46       | Mini Hydel                        | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.02             |
| 47       | Solar                             | 197.52          | 202.75          | 191.55          | 150.15          | 182.81          | 159.47          | 199.41          | 165.78          | 177.37          | 191.76          | 196.83          | 211.06          | 2,226.46         |
| 48       | Solar (JNNM Phase I)              | 7.03            | 7.21            | 6.82            | 5.34            | 6.50            | 5.67            | 7.09            | 5.90            | 6.31            | 6.82            | 7.00            | 7.51            | 79.22            |
| 49       | Solar (NTPC)                      | 23.05           | 23.66           | 22.35           | 17.52           | 21.33           | 18.61           | 23.27           | 19.34           | 20.70           | 22.38           | 22.97           | 24.63           | 259.81           |
| 50       | Solar (SECI)                      | 13.40           | 13.75           | 12.99           | 10.19           | 12.40           | 10.82           | 13.53           | 11.25           | 12.03           | 13.01           | 13.35           | 14.32           | 151.04           |
| 51       | Solar (NTPC CPSU) Ph-II Tr – I&II | 57.55           | 59.08           | 55.82           | 43.75           | 53.27           | 46.47           | 58.10           | 48.31           | 51.68           | 55.88           | 57.35           | 61.50           | 648.76           |
| 52       | Solar (NTPC CPSU) Ph-II Tr – III  | 53.32           | 54.73           | 51.71           | 40.53           | 49.35           | 43.05           | 53.83           | 44.75           | 47.88           | 51.76           | 53.13           | 56.97           | 600.99           |
| 53       | SECI (ISTS Tr IX 1000 MW)         | 29.44           | 30.22           | 28.55           | 22.38           | 27.25           | 23.77           | 29.72           | 24.71           | 26.44           | 28.58           | 29.33           | 31.46           | 331.83           |
| 54       | PM KUSUM & PM Suryaghar           | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 7.36            | 7.56            | 8.10            | 23.02            |
|          | <b>Total (C)</b>                  | <b>405.69</b>   | <b>418.18</b>   | <b>401.08</b>   | <b>322.18</b>   | <b>389.18</b>   | <b>336.18</b>   | <b>408.32</b>   | <b>347.08</b>   | <b>375.09</b>   | <b>408.12</b>   | <b>412.76</b>   | <b>441.60</b>   | <b>4,665.48</b>  |
| <b>D</b> | <b>Short term sources</b>         |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 54       | Bi-lateral Purchases (PTC etc.)   | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 5.13            | 148.21          | 153.34           |
| 55       | Bi-lateral Sales (PTC etc.)       | -22.26          | 0.00            | 0.00            | -73.97          | -71.56          | -119.49         | -73.78          | -43.20          | -47.76          | -60.94          | 0.00            | 0.00            | -512.96          |
|          | <b>Total</b>                      | <b>-22.26</b>   | <b>0.00</b>     | <b>0.00</b>     | <b>-73.97</b>   | <b>-71.56</b>   | <b>-119.49</b>  | <b>-73.78</b>   | <b>-43.20</b>   | <b>-47.76</b>   | <b>-60.94</b>   | <b>5.13</b>     | <b>148.21</b>   | <b>-359.62</b>   |
| <b>E</b> | <b>D-D</b>                        |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 56       | Purchases                         | 71.62           | 110.82          | 69.91           | 45.10           | 0.00            | 26.07           | 17.68           | 77.52           | 8.63            | 0.00            | 0.00            | 0.00            | 427.35           |
| 57       | Sale                              | 0.00            | 0.00            | 0.00            | 0.00            | -14.61          | 0.00            | 0.00            | 0.00            | 0.00            | -31.68          | 0.00            | 0.00            | -46.28           |
|          | <b>Total</b>                      | <b>71.62</b>    | <b>110.82</b>   | <b>69.91</b>    | <b>45.10</b>    | <b>-14.61</b>   | <b>26.07</b>    | <b>17.68</b>    | <b>77.52</b>    | <b>8.63</b>     | <b>-31.68</b>   | <b>0.00</b>     | <b>0.00</b>     | <b>381.07</b>    |
| <b>F</b> | <b>Grand Total</b>                | <b>3,022.41</b> | <b>2,892.06</b> | <b>2,761.74</b> | <b>2,829.56</b> | <b>2,917.18</b> | <b>2,593.14</b> | <b>2,725.98</b> | <b>2,638.85</b> | <b>2,931.58</b> | <b>3,032.22</b> | <b>3,077.87</b> | <b>3,536.20</b> | <b>34,958.80</b> |



**Monthly Power Procurement Cost (Rs. Crores) approved for TGNPDCL**

| Sr. No   | Name of the Station            | Apr-26        | May-26        | Jun-26        | Jul-26        | Aug-26        | Sep-26        | Oct-26        | Nov-26        | Dec-26        | Jan-27        | Feb-27        | Mar-27        | Total           |
|----------|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|
| <b>A</b> | <b>TGGENCO-Thermal</b>         |               |               |               |               |               |               |               |               |               |               |               |               |                 |
| 1        | KTPS-V                         | 26.92         | 27.82         | 26.92         | 15.81         | 27.82         | 26.92         | 27.82         | 26.92         | 27.82         | 27.82         | 34.29         | 37.97         | 334.82          |
| 2        | KTPS-VI                        | 30.92         | 31.95         | 30.92         | 31.95         | 31.95         | 30.92         | 31.95         | 30.92         | 31.95         | 31.95         | 38.64         | 42.77         | 396.76          |
| 3        | KTPS-VII                       | 67.67         | 69.92         | 67.67         | 69.92         | 69.92         | 67.67         | 62.65         | 67.67         | 69.92         | 69.92         | 63.16         | 69.92         | 816.04          |
| 4        | RTS-B                          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00            |
| 5        | KTPP-I                         | 35.07         | 36.23         | 10.35         | 23.88         | 36.23         | 30.68         | 27.22         | 32.57         | 36.23         | 36.23         | 32.73         | 36.23         | 373.68          |
| 6        | KTPP-II                        | 44.30         | 45.78         | 44.30         | 45.78         | 45.78         | 44.30         | 35.62         | 29.44         | 42.06         | 45.78         | 41.35         | 45.78         | 510.27          |
| 7        | BTPS                           | 92.08         | 86.31         | 86.26         | 92.01         | 95.15         | 73.11         | 75.55         | 70.22         | 90.67         | 95.15         | 85.94         | 95.15         | 1,037.60        |
| 8        | YTPS                           | 311.17        | 282.08        | 272.98        | 318.83        | 312.59        | 302.50        | 312.59        | 282.82        | 295.62        | 343.27        | 357.49        | 395.80        | 3,787.73        |
|          | <b>Total (A)</b>               | <b>608.12</b> | <b>580.09</b> | <b>539.40</b> | <b>598.18</b> | <b>619.44</b> | <b>576.11</b> | <b>573.39</b> | <b>540.55</b> | <b>594.28</b> | <b>650.12</b> | <b>653.60</b> | <b>723.62</b> | <b>7,256.90</b> |
| <b>B</b> | <b>TGGENCO-Hydel</b>           |               |               |               |               |               |               |               |               |               |               |               |               |                 |
| 9        | PJHES (Inter State)            | 2.66          | 2.75          | 2.66          | 2.75          | 2.75          | 2.66          | 2.75          | 2.66          | 2.75          | 2.75          | 2.48          | 2.75          | 32.37           |
| 10       | Nagarjuna Sagar complex        | 8.06          | 8.33          | 8.06          | 8.33          | 8.33          | 8.06          | 8.33          | 8.06          | 8.33          | 8.33          | 7.52          | 8.33          | 98.07           |
| 11       | Nagarjuna Sagar Left Bank PH   | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00            |
| 12       | SLBHES                         | 11.12         | 11.49         | 11.12         | 11.49         | 11.49         | 11.12         | 11.49         | 11.12         | 11.49         | 11.49         | 10.38         | 11.49         | 135.30          |
| 13       | LJHES                          | 5.36          | 5.54          | 5.36          | 5.54          | 5.54          | 5.36          | 5.54          | 5.36          | 5.54          | 5.54          | 5.00          | 5.54          | 65.20           |
| 14       | PCHEs- Pulichintala            | 2.35          | 2.43          | 2.35          | 2.43          | 2.43          | 2.35          | 2.43          | 2.35          | 2.43          | 2.43          | 2.20          | 2.43          | 28.64           |
| 15       | Pochampad-II                   | 0.28          | 0.29          | 0.28          | 0.29          | 0.29          | 0.28          | 0.29          | 0.28          | 0.29          | 0.29          | 0.26          | 0.29          | 3.41            |
| 16       | Small Hydel                    | 1.52          | 1.57          | 1.52          | 1.57          | 1.57          | 1.52          | 1.57          | 1.52          | 1.57          | 1.57          | 1.42          | 1.57          | 18.46           |
| 17       | Mini Hydel- Peddapalli         | 0.27          | 0.28          | 0.27          | 0.28          | 0.28          | 0.27          | 0.28          | 0.27          | 0.28          | 0.28          | 0.25          | 0.28          | 3.26            |
|          | <b>Total (B)</b>               | <b>31.62</b>  | <b>32.67</b>  | <b>31.62</b>  | <b>32.67</b>  | <b>32.67</b>  | <b>31.62</b>  | <b>32.67</b>  | <b>31.62</b>  | <b>32.67</b>  | <b>32.67</b>  | <b>29.51</b>  | <b>32.67</b>  | <b>384.71</b>   |
|          | <b>Other Cost</b>              | <b>40.52</b>  | <b>40.52</b>  | <b>40.52</b>  | <b>40.52</b>  | <b>40.52</b>  | <b>40.52</b>  | <b>40.52</b>  | <b>40.52</b>  | <b>40.52</b>  | <b>40.52</b>  | <b>40.52</b>  | <b>40.52</b>  | <b>486.19</b>   |
|          | <b>TGGENCO-Thermal + Hydel</b> | <b>680.25</b> | <b>653.28</b> | <b>611.53</b> | <b>671.37</b> | <b>692.63</b> | <b>648.24</b> | <b>646.58</b> | <b>612.69</b> | <b>667.47</b> | <b>723.31</b> | <b>723.62</b> | <b>796.81</b> | <b>8,127.80</b> |
| <b>C</b> | <b>CGS Stations</b>            |               |               |               |               |               |               |               |               |               |               |               |               |                 |
| 18       | Ramagundam Stage I&II          | 23.30         | 17.17         | 15.80         | 21.87         | 17.17         | 16.62         | 17.17         | 15.73         | 21.76         | 22.81         | 19.85         | 24.07         | 233.33          |
| 19       | Ramagundam Stage III           | 6.00          | 4.46          | 4.32          | 6.20          | 4.46          | 4.32          | 4.46          | 4.32          | 6.20          | 6.20          | 5.60          | 6.20          | 62.76           |

| Sr. No    | Name of the Station                  | Apr-26        | May-26        | Jun-26        | Jul-26        | Aug-26        | Sep-26        | Oct-26        | Nov-26        | Dec-26        | Jan-27        | Feb-27        | Mar-27        | Total           |
|-----------|--------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|
| 20        | Talcher TPS II                       | 8.84          | 9.37          | 7.83          | 8.46          | 9.13          | 8.84          | 9.13          | 8.84          | 8.80          | 7.79          | 8.25          | 9.13          | 104.43          |
| 21        | Simhadri Stage I                     | 41.78         | 32.05         | 31.02         | 43.17         | 32.05         | 31.02         | 32.05         | 31.02         | 43.17         | 43.17         | 38.99         | 43.17         | 442.66          |
| 22        | Simhadri Stage II                    | 19.14         | 20.29         | 19.14         | 19.77         | 19.77         | 14.66         | 15.15         | 14.66         | 19.77         | 19.77         | 17.86         | 19.77         | 219.76          |
| 23        | NTPC Kudgi                           | 22.31         | 23.05         | 22.31         | 23.05         | 23.05         | 22.31         | 23.05         | 19.69         | 23.05         | 20.92         | 28.33         | 31.36         | 282.46          |
| 24        | NLC TPS II Stage I                   | 0.23          | 0.24          | 0.23          | 0.21          | 0.24          | 0.22          | 0.21          | 0.17          | 0.24          | 0.24          | 0.27          | 0.30          | 2.80            |
| 25        | NLC TPS II Stage II                  | 0.49          | 0.50          | 0.45          | 0.50          | 0.47          | 0.47          | 0.50          | 0.47          | 0.47          | 0.48          | 0.53          | 0.58          | 5.92            |
| 26        | NNTPP                                | 4.88          | 5.17          | 4.88          | 3.44          | 4.32          | 3.45          | 3.91          | 3.79          | 5.04          | 5.04          | 4.56          | 5.04          | 53.53           |
| 27        | Neyveil New unit -1 (Extension)      | 0.28          | 0.22          | 0.28          | 0.21          | 0.29          | 0.21          | 0.20          | 0.19          | 0.29          | 0.29          | 0.26          | 0.29          | 2.99            |
| 28        | Neyveil New unit -2 (Extension)      | 0.43          | 0.28          | 0.24          | 0.32          | 0.32          | 0.35          | 0.36          | 0.35          | 0.44          | 0.44          | 0.40          | 0.44          | 4.35            |
| 29        | NTECL Vallur TPS                     | 7.02          | 7.25          | 5.66          | 6.35          | 7.25          | 7.02          | 7.25          | 7.02          | 7.25          | 7.25          | 8.62          | 9.54          | 87.46           |
| 30        | NLC Tamil Nadu Power Ltd             | 11.09         | 11.46         | 10.35         | 8.28          | 11.46         | 11.09         | 11.46         | 11.09         | 11.46         | 11.46         | 13.59         | 15.04         | 137.85          |
| 31        | Telangana STPP Phase-I               | 113.27        | 89.50         | 74.39         | 91.87         | 114.99        | 86.61         | 89.50         | 86.61         | 117.05        | 117.05        | 105.72        | 117.05        | 1,203.61        |
| <b>C1</b> | <b>Nuclear</b>                       |               |               |               |               |               |               |               |               |               |               |               |               | 0.00            |
| 32        | NPC-MAPS                             | 1.15          | 1.19          | 1.15          | 1.19          | 1.19          | 1.15          | 1.19          | 1.15          | 1.19          | 0.00          | 0.00          | 0.00          | 10.52           |
| 33        | NPC-Kaiga unit I & II                | 4.73          | 4.88          | 4.73          | 4.88          | 4.88          | 4.73          | 4.88          | 4.73          | 4.88          | 2.44          | 2.99          | 4.88          | 53.64           |
| 34        | NPC-Kaiga unit III & IV              | 5.04          | 5.21          | 5.04          | 5.21          | 5.21          | 5.04          | 5.21          | 5.04          | 2.60          | 4.45          | 4.70          | 5.21          | 57.93           |
| 35        | NPC- Kudankulam                      | 5.06          | 5.23          | 5.06          | 5.23          | 5.23          | 5.06          | 5.23          | 5.06          | 5.23          | 3.79          | 2.36          | 3.88          | 56.38           |
| 36        | Kudankulam (KKNPP) Unit-II           | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00            |
| <b>C2</b> | <b>Bundled Power</b>                 |               |               |               |               |               |               |               |               |               |               |               |               | 0.00            |
| 37        | JNNM Phase-I Bundled Power (Coal)    | 4.30          | 4.45          | 4.30          | 4.45          | 4.45          | 4.30          | 4.45          | 4.30          | 4.45          | 4.45          | 4.02          | 4.45          | 52.37           |
| 38        | NTPC Bundled Power (Coal)            | 16.45         | 16.99         | 16.45         | 16.99         | 16.99         | 16.45         | 16.99         | 16.45         | 16.99         | 16.99         | 15.35         | 16.99         | 200.09          |
|           | <b>Total (C)</b>                     | <b>295.76</b> | <b>258.96</b> | <b>233.62</b> | <b>271.65</b> | <b>282.92</b> | <b>243.89</b> | <b>252.35</b> | <b>240.66</b> | <b>300.33</b> | <b>295.05</b> | <b>282.24</b> | <b>317.41</b> | <b>3,274.84</b> |
| <b>D</b>  | <b>Others</b>                        |               |               |               |               |               |               |               |               |               |               |               |               |                 |
| 39        | SEIL (LT-1)                          | 18.99         | 20.10         | 18.99         | 19.62         | 19.62         | 18.99         | 19.62         | 18.99         | 19.62         | 19.62         | 17.72         | 19.62         | 231.48          |
| 40        | Singareni TPP                        | 76.70         | 54.08         | 92.10         | 96.08         | 96.08         | 70.00         | 72.34         | 70.00         | 96.08         | 96.08         | 86.78         | 96.08         | 1,002.41        |
|           | <b>Total (D)</b>                     | <b>95.69</b>  | <b>74.18</b>  | <b>111.09</b> | <b>115.70</b> | <b>115.70</b> | <b>88.99</b>  | <b>91.96</b>  | <b>88.99</b>  | <b>115.70</b> | <b>115.70</b> | <b>104.50</b> | <b>115.70</b> | <b>1,233.89</b> |
| <b>E</b>  | <b>Non-Conventional Energy (NCE)</b> |               |               |               |               |               |               |               |               |               |               |               |               |                 |
| 41        | Biomass                              | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00          | 0.00            |



| Sr. No   | Name of the Station               | Apr-26          | May-26          | Jun-26          | Jul-26          | Aug-26          | Sep-26          | Oct-26          | Nov-26        | Dec-26          | Jan-27          | Feb-27          | Mar-27          | Total            |
|----------|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|------------------|
| 42       | Bagasse                           | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| 43       | Municipal waste                   | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| 44       | Industrial waste                  | 2.58            | 2.67            | 2.58            | 2.67            | 2.67            | 2.58            | 2.67            | 2.58          | 2.67            | 2.67            | 2.41            | 2.67            | 31.38            |
| 45       | Wind                              | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            | 0.00            | 0.00            | 0.00             |
| 46       | Mini Hydel                        | 0.01            | 0.01            | 0.01            | 0.01            | 0.01            | 0.01            | 0.01            | 0.01          | 0.01            | 0.01            | 0.00            | 0.01            | 0.06             |
| 47       | Solar                             | 88.26           | 90.60           | 85.59           | 67.10           | 81.69           | 71.26           | 89.10           | 74.08         | 79.26           | 85.69           | 87.95           | 94.31           | 994.89           |
| 48       | Solar (JNNM Phase I)              | 2.93            | 3.01            | 2.84            | 2.23            | 2.72            | 2.37            | 2.96            | 2.46          | 2.63            | 2.85            | 2.92            | 3.13            | 33.07            |
| 49       | Solar (NTPC)                      | 9.62            | 9.88            | 9.33            | 7.31            | 8.90            | 7.77            | 9.71            | 8.08          | 8.64            | 9.34            | 9.59            | 10.28           | 108.45           |
| 50       | Solar (SECI)                      | 5.59            | 5.74            | 5.42            | 4.25            | 5.18            | 4.52            | 5.65            | 4.69          | 5.02            | 5.43            | 5.57            | 5.98            | 63.05            |
| 51       | Solar (NTPC CPSU) Ph-II Tr – I&II | 24.03           | 24.66           | 23.30           | 18.26           | 22.24           | 19.40           | 24.25           | 20.16         | 21.57           | 23.32           | 23.94           | 25.67           | 270.81           |
| 52       | Solar (NTPC CPSU) Ph-II Tr – III  | 22.26           | 22.85           | 21.58           | 16.92           | 20.60           | 17.97           | 22.47           | 18.68         | 19.99           | 21.61           | 22.18           | 23.78           | 250.87           |
| 53       | SECI (ISTS Tr IX 1000 MW)         | 12.29           | 12.61           | 11.92           | 9.34            | 11.37           | 9.92            | 12.41           | 10.31         | 11.03           | 11.93           | 12.25           | 13.13           | 138.52           |
| 54       | PM KUSUM & PM Suryaghar           | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 6.19            | 6.36            | 6.82            | 19.37            |
|          | <b>Total (C)</b>                  | <b>167.56</b>   | <b>172.02</b>   | <b>162.58</b>   | <b>128.09</b>   | <b>155.36</b>   | <b>135.79</b>   | <b>169.23</b>   | <b>141.05</b> | <b>150.82</b>   | <b>169.03</b>   | <b>173.17</b>   | <b>185.77</b>   | <b>1,910.48</b>  |
| <b>D</b> | <b>Short term sources</b>         |                 |                 |                 |                 |                 |                 |                 |               |                 |                 |                 |                 |                  |
| 54       | Bi-lateral Purchases (PTC etc.)   | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00            | 130.93          | 188.49          | 319.42           |
| 55       | Bi-lateral Sales (PTC etc.)       | -9.29           | 0.00            | 0.00            | -30.88          | -29.87          | -49.88          | -30.80          | -18.03        | -19.94          | -25.44          | 0.00            | 0.00            | -214.13          |
|          | <b>Total</b>                      | <b>-9.29</b>    | <b>0.00</b>     | <b>0.00</b>     | <b>-30.88</b>   | <b>-29.87</b>   | <b>-49.88</b>   | <b>-30.80</b>   | <b>-18.03</b> | <b>-19.94</b>   | <b>-25.44</b>   | <b>130.93</b>   | <b>188.49</b>   | <b>105.29</b>    |
| <b>E</b> | <b>D-D</b>                        |                 |                 |                 |                 |                 |                 |                 |               |                 |                 |                 |                 |                  |
| 56       | Purchases                         | -71.62          | -110.82         | -69.91          | -45.10          | 0.00            | -26.07          | -17.68          | -77.52        | -8.63           | 0.00            | 0.00            | 0.00            | -427.35          |
| 57       | Sale                              | 0.00            | 0.00            | 0.00            | 0.00            | 14.61           | 0.00            | 0.00            | 0.00          | 0.00            | 31.68           | 0.00            | 0.00            | 46.28            |
|          | <b>Total</b>                      | <b>-71.62</b>   | <b>-110.82</b>  | <b>-69.91</b>   | <b>-45.10</b>   | <b>14.61</b>    | <b>-26.07</b>   | <b>-17.68</b>   | <b>-77.52</b> | <b>-8.63</b>    | <b>31.68</b>    | <b>0.00</b>     | <b>0.00</b>     | <b>-381.07</b>   |
| <b>F</b> | <b>Grand Total</b>                | <b>1,158.35</b> | <b>1,047.62</b> | <b>1,048.91</b> | <b>1,110.82</b> | <b>1,231.34</b> | <b>1,040.96</b> | <b>1,111.64</b> | <b>987.83</b> | <b>1,205.76</b> | <b>1,309.32</b> | <b>1,414.47</b> | <b>1,604.18</b> | <b>14,271.23</b> |



## ANNEXURE VIII: COST OF SERVICE FOR FY 2026-27

## Cost of Service- TGSPDCL

| Consumer Category           |                                                | Generation Cost |                                                    |                    |              |                                        |             | Transmission - Inter-State |                                                    |                       | Transmission - Intra-State |                                                    |                    |
|-----------------------------|------------------------------------------------|-----------------|----------------------------------------------------|--------------------|--------------|----------------------------------------|-------------|----------------------------|----------------------------------------------------|-----------------------|----------------------------|----------------------------------------------------|--------------------|
|                             |                                                | Demand          |                                                    |                    | Energy       |                                        |             | Demand                     |                                                    |                       | Demand                     |                                                    |                    |
|                             |                                                | Cost            | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                | Cost         | Recovery<br>Basis -<br>Energy<br>Sales | CoS         | Cost                       | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                   | Cost                       | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                |
|                             |                                                | Rs. Crore       | MW                                                 | Rs. /kVA/<br>Month | Rs.<br>Crore | MU                                     | Rs.<br>/kWh | Rs.<br>Crore               | MW                                                 | Rs.<br>/kVA/<br>Month | Rs.<br>Crore               | MW                                                 | Rs. /kVA<br>/Month |
| <b>LT Category</b>          |                                                |                 |                                                    |                    |              |                                        |             |                            |                                                    |                       |                            |                                                    |                    |
| I (A&B)                     | Domestic                                       | 2,974.76        | 2,665.70                                           | 929.95             | 4,895.22     | 13,355.64                              | 3.67        | 397.09                     | 2,665.70                                           | 124.14                | 391.91                     | 2,665.70                                           | 122.52             |
| II (A, B & C)               | Non-Domestic/<br>Commercial/Others             | 1,111.45        | 995.97                                             | 929.95             | 1,700.86     | 4,640.45                               | 3.67        | 148.36                     | 995.97                                             | 124.14                | 146.43                     | 995.97                                             | 122.52             |
| LT-III                      | Industrial                                     | 256.49          | 229.84                                             | 929.95             | 378.26       | 1,032.02                               | 3.67        | 34.24                      | 229.84                                             | 124.14                | 33.79                      | 229.84                                             | 122.52             |
| LT-IV                       | Cottage Industries                             | 2.30            | 2.06                                               | 929.95             | 3.33         | 9.07                                   | 3.67        | 0.31                       | 2.06                                               | 124.14                | 0.30                       | 2.06                                               | 122.52             |
| LT-V                        | Agricultural                                   | 3,340.81        | 2,993.72                                           | 929.95             | 4,847.13     | 13,224.44                              | 3.67        | 445.95                     | 2,993.72                                           | 124.14                | 440.14                     | 2,993.72                                           | 122.52             |
| LT-VI                       | Street Lighting & PWS                          | 127.52          | 114.27                                             | 929.95             | 185.46       | 505.99                                 | 3.67        | 17.02                      | 114.27                                             | 124.14                | 16.80                      | 114.27                                             | 122.52             |
| LT-VII                      | General Purpose                                | 28.14           | 25.22                                              | 929.95             | 44.59        | 121.65                                 | 3.67        | 3.76                       | 25.22                                              | 124.14                | 3.71                       | 25.22                                              | 122.52             |
| LT-VIII                     | Temporary Supply                               | 48.23           | 43.22                                              | 929.95             | 76.42        | 208.51                                 | 3.67        | 6.44                       | 43.22                                              | 124.14                | 6.35                       | 43.22                                              | 122.52             |
| LT-IX                       | EV Charging Stations                           | 2.55            | 2.29                                               | 929.95             | 5.75         | 15.69                                  | 3.67        | 0.34                       | 2.29                                               | 124.14                | 0.34                       | 2.29                                               | 122.52             |
| <b>HT Category at 11 kV</b> |                                                |                 |                                                    |                    |              |                                        |             |                            |                                                    |                       |                            |                                                    |                    |
| HT-I                        | Industry                                       | 1,082.69        | 970.20                                             | 929.95             | 1,695.69     | 4,849.44                               | 3.50        | 144.52                     | 970.20                                             | 124.14                | 142.64                     | 970.20                                             | 122.52             |
| HT-I(B)                     | Ferro Alloys                                   | 0.32            | 0.28                                               | 929.95             | 0.35         | 0.99                                   | 3.50        | 0.04                       | 0.28                                               | 124.14                | 0.04                       | 0.28                                               | 122.52             |
| HT-II(A)                    | Others (Commercial)                            | 556.80          | 498.95                                             | 929.95             | 953.64       | 2,727.28                               | 3.50        | 74.33                      | 498.95                                             | 124.14                | 73.36                      | 498.95                                             | 122.52             |
| HT-II(B)                    | Wholly Religious Places                        | 0.06            | 0.05                                               | 929.95             | 0.14         | 0.41                                   | 3.50        | 0.01                       | 0.05                                               | 124.14                | 0.01                       | 0.05                                               | 122.52             |
| HT-III                      | Airports, Bus Stations and<br>Railway Stations | 1.77            | 1.59                                               | 929.95             | 2.35         | 6.72                                   | 3.50        | 0.24                       | 1.59                                               | 124.14                | 0.23                       | 1.59                                               | 122.52             |
| HT-IV(A)                    | Irrigation & Agriculture                       | 8.94            | 8.01                                               | 929.95             | 15.08        | 43.14                                  | 3.50        | 1.19                       | 8.01                                               | 124.14                | 1.18                       | 8.01                                               | 122.52             |
| HT-IV(B)                    | CPWS Schemes                                   | 29.11           | 26.09                                              | 929.95             | 49.10        | 140.42                                 | 3.50        | 3.89                       | 26.09                                              | 124.14                | 3.84                       | 26.09                                              | 122.52             |
| HT-VA                       | Railway Traction                               | 0.00            | 0.00                                               | NA                 | 0.00         | 0.00                                   | NA          | 0.00                       | 0.00                                               | NA                    | 0.00                       | 0.00                                               | NA                 |
| HT-VB                       | HMR                                            | 0.00            | 0.00                                               | NA                 | 0.00         | 0.00                                   | NA          | 0.00                       | 0.00                                               | NA                    | 0.00                       | 0.00                                               | NA                 |
| HT-VI                       | Townships and<br>Residential Colonies          | 91.73           | 82.20                                              | 929.95             | 132.70       | 379.49                                 | 3.50        | 12.24                      | 82.20                                              | 124.14                | 12.08                      | 82.20                                              | 122.52             |
| HT-VII                      | Temporary Supply                               | 74.86           | 67.09                                              | 929.95             | 128.23       | 366.71                                 | 3.50        | 9.99                       | 67.09                                              | 124.14                | 9.86                       | 67.09                                              | 122.52             |
| HT-VIII                     | RESCOs                                         | 0.00            | 0.00                                               | NA                 | 0.00         | 0.00                                   | NA          | 0.00                       | 0.00                                               | NA                    | 0.00                       | 0.00                                               | NA                 |
| HT-IX                       | EV Charging Stations                           | 12.45           | 11.15                                              | 929.95             | 21.32        | 60.97                                  | 3.50        | 1.66                       | 11.15                                              | 124.14                | 1.64                       | 11.15                                              | 122.52             |
| <b>HT Category at 33 kV</b> |                                                |                 |                                                    |                    |              |                                        |             |                            |                                                    |                       |                            |                                                    |                    |

| Consumer Category                      |                                                | Generation Cost  |                                                    |                    |                  |                                        |             | Transmission - Inter-State |                                                    |                       | Transmission - Intra-State |                                                    |                    |
|----------------------------------------|------------------------------------------------|------------------|----------------------------------------------------|--------------------|------------------|----------------------------------------|-------------|----------------------------|----------------------------------------------------|-----------------------|----------------------------|----------------------------------------------------|--------------------|
|                                        |                                                | Demand           |                                                    |                    | Energy           |                                        |             | Demand                     |                                                    |                       | Demand                     |                                                    |                    |
|                                        |                                                | Cost             | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                | Cost             | Recovery<br>Basis -<br>Energy<br>Sales | CoS         | Cost                       | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                   | Cost                       | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                |
|                                        |                                                | Rs. Crore        | MW                                                 | Rs. /kVA/<br>Month | Rs.<br>Crore     | MU                                     | Rs.<br>/kWh | Rs.<br>Crore               | MW                                                 | Rs.<br>/kVA/<br>Month | Rs.<br>Crore               | MW                                                 | Rs. /kVA<br>/Month |
| HT-I                                   | Industry                                       | 1,464.75         | 1,312.57                                           | 929.95             | 2,631.25         | 7,839.34                               | 3.36        | 195.52                     | 1,312.57                                           | 124.14                | 192.97                     | 1,312.57                                           | 122.52             |
| HT-I(B)                                | Ferro Alloys                                   | 0.00             | 0.00                                               | NA                 | 0.00             | 0.00                                   | NA          | 0.00                       | 0.00                                               | NA                    | 0.00                       | 0.00                                               | NA                 |
| HT-II(A)                               | Others (Commercial)                            | 378.49           | 339.17                                             | 929.95             | 645.19           | 1,922.24                               | 3.36        | 50.52                      | 339.17                                             | 124.14                | 49.86                      | 339.17                                             | 122.52             |
| HT-II(B)                               | Wholly Religious Places                        | 0.63             | 0.57                                               | 929.95             | 1.56             | 4.64                                   | 3.36        | 0.08                       | 0.57                                               | 124.14                | 0.08                       | 0.57                                               | 122.52             |
| HT-III                                 | Airports, Bus Stations and<br>Railway Stations | 0.00             | 0.00                                               | NA                 | 0.00             | 0.00                                   | NA          | 0.00                       | 0.00                                               | NA                    | 0.00                       | 0.00                                               | NA                 |
| HT-IV(A)                               | Irrigation & Agriculture                       | 15.06            | 13.49                                              | 929.95             | 21.08            | 62.81                                  | 3.36        | 2.01                       | 13.49                                              | 124.14                | 1.98                       | 13.49                                              | 122.52             |
| HT-IV(B)                               | CPWS Schemes                                   | 68.68            | 61.54                                              | 929.95             | 96.16            | 286.48                                 | 3.36        | 9.17                       | 61.54                                              | 124.14                | 9.05                       | 61.54                                              | 122.52             |
| HT-V(A)                                | Railway Traction                               | 0.00             | 0.00                                               | NA                 | 0.00             | 0.00                                   | NA          | 0.00                       | 0.00                                               | NA                    | 0.00                       | 0.00                                               | NA                 |
| HT-VB                                  | HMR                                            | 0.00             | 0.00                                               | NA                 | 0.00             | 0.00                                   | NA          | 0.00                       | 0.00                                               | NA                    | 0.00                       | 0.00                                               | NA                 |
| HT-VI                                  | Townships and<br>Residential Colonies          | 49.32            | 44.20                                              | 929.95             | 69.43            | 206.86                                 | 3.36        | 6.58                       | 44.20                                              | 124.14                | 6.50                       | 44.20                                              | 122.52             |
| HT-VII                                 | Temporary Supply                               | 6.01             | 5.38                                               | 929.95             | 10.68            | 31.81                                  | 3.36        | 0.80                       | 5.38                                               | 124.14                | 0.79                       | 5.38                                               | 122.52             |
| HT-VIII                                | RESCOs                                         | 0.00             | 0.00                                               | NA                 | 0.00             | 0.00                                   | NA          | 0.00                       | 0.00                                               | NA                    | 0.00                       | 0.00                                               | NA                 |
| HT-IX                                  | EV Charging Stations                           | 1.13             | 1.02                                               | 929.95             | 2.02             | 6.01                                   | 3.36        | 0.15                       | 1.02                                               | 124.14                | 0.15                       | 1.02                                               | 122.52             |
| <b>HT Category at 132 kV and above</b> |                                                |                  |                                                    |                    |                  |                                        |             |                            |                                                    |                       |                            |                                                    |                    |
| HT-I                                   | Industry                                       | 840.41           | 753.09                                             | 929.95             | 1,620.59         | 4,984.79                               | 3.25        | 112.18                     | 753.09                                             | 124.14                | 110.72                     | 753.09                                             | 122.52             |
| HT-I(B)                                | Ferro Alloys                                   | 0.00             | 0.00                                               | NA                 | 0.00             | 0.00                                   | NA          | 0.00                       | 0.00                                               | NA                    | 0.00                       | 0.00                                               | NA                 |
| HT-II(A)                               | Others (Commercial)                            | 110.93           | 99.41                                              | 929.95             | 167.15           | 514.14                                 | 3.25        | 14.81                      | 99.41                                              | 124.14                | 14.61                      | 99.41                                              | 122.52             |
| HT-II(B)                               | Wholly Religious Places                        | 0.00             | 0.00                                               | NA                 | 0.00             | 0.00                                   | NA          | 0.00                       | 0.00                                               | NA                    | 0.00                       | 0.00                                               | NA                 |
| HT-III                                 | Airports, Bus Stations and<br>Railway Stations | 31.27            | 28.02                                              | 929.95             | 56.13            | 172.64                                 | 3.25        | 4.17                       | 28.02                                              | 124.14                | 4.12                       | 28.02                                              | 122.52             |
| HT-IV(A)                               | Irrigation & Agriculture                       | 450.81           | 403.97                                             | 929.95             | 761.03           | 2,340.86                               | 3.25        | 60.18                      | 403.97                                             | 124.14                | 59.39                      | 403.97                                             | 122.52             |
| HT-IV(B)                               | CPWS                                           | 60.42            | 54.15                                              | 929.95             | 102.00           | 313.75                                 | 3.25        | 8.07                       | 54.15                                              | 124.14                | 7.96                       | 54.15                                              | 122.52             |
| HT-VA                                  | Railway Traction                               | 153.24           | 137.31                                             | 929.95             | 218.01           | 670.59                                 | 3.25        | 20.45                      | 137.31                                             | 124.14                | 20.19                      | 137.31                                             | 122.52             |
| HT-VB                                  | HMR                                            | 26.13            | 23.42                                              | 929.95             | 41.00            | 126.10                                 | 3.25        | 3.49                       | 23.42                                              | 124.14                | 3.44                       | 23.42                                              | 122.52             |
| HT-VI                                  | Townships and<br>Residential Colonies          | 0.00             | 0.00                                               | NA                 | 0.00             | 0.00                                   | NA          | 0.00                       | 0.00                                               | NA                    | 0.00                       | 0.00                                               | NA                 |
| HT-VII                                 | Temporary Supply                               | 0.00             | 0.00                                               | NA                 | 0.00             | 0.00                                   | NA          | 0.00                       | 0.00                                               | NA                    | 0.00                       | 0.00                                               | NA                 |
| HT-VIII                                | RESCOs                                         | 0.00             | 0.00                                               | NA                 | 0.00             | 0.00                                   | NA          | 0.00                       | 0.00                                               | NA                    | 0.00                       | 0.00                                               | NA                 |
| HT-IX                                  | EV Charging Stations                           | 0.23             | 0.20                                               | 929.95             | 0.41             | 1.27                                   | 3.25        | 0.03                       | 0.20                                               | 124.14                | 0.03                       | 0.20                                               | 122.52             |
| <b>Grand Total</b>                     |                                                | <b>13,408.49</b> | <b>12,015.41</b>                                   | <b>32,548.27</b>   | <b>21,579.32</b> | <b>61,173.37</b>                       | <b>3.53</b> | <b>1,789.85</b>            | <b>12,015.41</b>                                   | <b>124.14</b>         | <b>1,766.50</b>            | <b>12,015.41</b>                                   | <b>122.52</b>      |



| Consumer Category           |                                             | Distribution Cost |                                                  |                     | Retail Supply Cost |                                                   |             |              |                                     |             |
|-----------------------------|---------------------------------------------|-------------------|--------------------------------------------------|---------------------|--------------------|---------------------------------------------------|-------------|--------------|-------------------------------------|-------------|
|                             |                                             | Demand            |                                                  |                     | Demand             |                                                   |             | Energy       |                                     |             |
|                             |                                             | Cost              | Rate Basis -<br>Contracts/ NCP G-<br>T interface | CoS                 | Cost               | Rate Basis-<br>Contracts/<br>NCP G-T<br>interface | CoS         | Cost         | Recovery<br>Basis - Energy<br>Sales | CoS         |
|                             |                                             | Rs.<br>Crore      | MW                                               | Rs. /kVA<br>/ Month | Rs.<br>Crore       | MU                                                | Rs.<br>/kWh | Rs.<br>Crore | MU                                  | Rs.<br>/kWh |
| <b>LT Category</b>          |                                             |                   |                                                  |                     |                    |                                                   |             |              |                                     |             |
| I (A&B)                     | Domestic                                    | 1,781.24          | 2,665.70                                         | 556.84              | 121.45             | 2,665.70                                          | 37.97       | 64.70        | 13,355.64                           | 0.05        |
| II (A, B & C)               | Non-Domestic /Commercial/ Others            | 665.52            | 995.97                                           | 556.84              | 45.38              | 995.97                                            | 37.97       | 22.48        | 4,640.45                            | 0.05        |
| LT-III                      | Industrial                                  | 153.58            | 229.84                                           | 556.84              | 10.47              | 229.84                                            | 37.97       | 5.00         | 1,032.02                            | 0.05        |
| LT-IV                       | Cottage Industries                          | 1.37              | 2.06                                             | 556.84              | 0.09               | 2.06                                              | 37.97       | 0.04         | 9.07                                | 0.05        |
| LT-V                        | Agricultural                                | 2,000.42          | 2,993.72                                         | 556.84              | 136.40             | 2,993.72                                          | 37.97       | 64.07        | 13,224.44                           | 0.05        |
| LT-VI                       | Street Lighting & PWS                       | 76.36             | 114.27                                           | 556.84              | 5.21               | 114.27                                            | 37.97       | 2.45         | 505.99                              | 0.05        |
| LT-VII                      | General Purpose                             | 16.85             | 25.22                                            | 556.84              | 1.15               | 25.22                                             | 37.97       | 0.59         | 121.65                              | 0.05        |
| LT-VIII                     | Temporary Supply                            | 28.88             | 43.22                                            | 556.84              | 1.97               | 43.22                                             | 37.97       | 1.01         | 208.51                              | 0.05        |
| LT-IX                       | EV Charging Stations                        | 1.53              | 2.29                                             | 556.84              | 0.10               | 2.29                                              | 37.97       | 0.08         | 15.69                               | 0.05        |
| <b>HT Category at 11 kV</b> |                                             |                   |                                                  |                     |                    |                                                   |             |              |                                     |             |
| HT-I                        | Industry                                    | 251.72            | 970.20                                           | 216.21              | 48.52              | 970.20                                            | 41.67       | 22.41        | 4,849.44                            | 0.05        |
| HT-I(B)                     | Ferro Alloys                                | 0.07              | 0.28                                             | 216.21              | 0.01               | 0.28                                              | 41.67       | 0.00         | 0.99                                | 0.05        |
| HT-II(A)                    | Others (Commercial)                         | 129.45            | 498.95                                           | 216.21              | 24.95              | 498.95                                            | 41.67       | 12.60        | 2,727.28                            | 0.05        |
| HT-II(B)                    | Wholly Religious Places                     | 0.01              | 0.05                                             | 216.21              | 0.00               | 0.05                                              | 41.67       | 0.00         | 0.41                                | 0.05        |
| HT-III                      | Airports, Bus Stations and Railway Stations | 0.41              | 1.59                                             | 216.21              | 0.08               | 1.59                                              | 41.67       | 0.03         | 6.72                                | 0.05        |
| HT-IV(A)                    | Irrigation & Agriculture                    | 2.08              | 8.01                                             | 216.21              | 0.40               | 8.01                                              | 41.67       | 0.20         | 43.14                               | 0.05        |
| HT-IV(B)                    | CPWS Schemes                                | 6.77              | 26.09                                            | 216.21              | 1.30               | 26.09                                             | 41.67       | 0.65         | 140.42                              | 0.05        |
| HT-VA                       | Railway Traction                            | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                              | NA          | 0.00         | 0.00                                | NA          |
| HT-VB                       | HMR                                         | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                              | NA          | 0.00         | 0.00                                | NA          |
| HT-VI                       | Townships and Residential Colonies          | 21.33             | 82.20                                            | 216.21              | 4.11               | 82.20                                             | 41.67       | 1.75         | 379.49                              | 0.05        |
| HT-VII                      | Temporary Supply                            | 17.41             | 67.09                                            | 216.21              | 3.35               | 67.09                                             | 41.67       | 1.69         | 366.71                              | 0.05        |
| HT-VIII                     | RESCOs                                      | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                              | NA          | 0.00         | 0.00                                | NA          |
| HT-IX                       | EV Charging Stations                        | 2.89              | 11.15                                            | 216.21              | 0.56               | 11.15                                             | 41.67       | 0.28         | 60.97                               | 0.05        |
| <b>HT Category at 33 kV</b> |                                             |                   |                                                  |                     |                    | 0.00                                              |             | NA           |                                     |             |
| HT-I                        | Industry                                    | 108.24            | 1,312.57                                         | 68.72               | 71.18              | 1,312.57                                          | 45.19       | 34.78        | 7,839.34                            | 0.04        |
| HT-I(B)                     | Ferro Alloys                                | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                              | NA          | 0.00         | 0.00                                | NA          |
| HT-II(A)                    | Others (Commercial)                         | 27.97             | 339.17                                           | 68.72               | 18.39              | 339.17                                            | 45.19       | 8.53         | 1,922.24                            | 0.04        |
| HT-II(B)                    | Wholly Religious Places                     | 0.05              | 0.57                                             | 68.72               | 0.03               | 0.57                                              | 45.19       | 0.02         | 4.64                                | 0.04        |
| HT-III                      | Airports, Bus Stations and Railway Stations | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                              | NA          | 0.00         | 0.00                                | NA          |
| HT-IV(A)                    | Irrigation & Agriculture                    | 1.11              | 13.49                                            | 68.72               | 0.73               | 13.49                                             | 45.19       | 0.28         | 62.81                               | 0.04        |



| Consumer Category                      |                                             | Distribution Cost |                                                 |                     | Retail Supply Cost |                                                   |              |               |                                     |             |
|----------------------------------------|---------------------------------------------|-------------------|-------------------------------------------------|---------------------|--------------------|---------------------------------------------------|--------------|---------------|-------------------------------------|-------------|
|                                        |                                             | Demand            |                                                 |                     | Demand             |                                                   |              | Energy        |                                     |             |
|                                        |                                             | Cost              | Rate Basis -<br>Contracts/ NCP G-T<br>interface | CoS                 | Cost               | Rate Basis-<br>Contracts/<br>NCP G-T<br>interface | CoS          | Cost          | Recovery<br>Basis - Energy<br>Sales | CoS         |
|                                        |                                             | Rs.<br>Crore      | MW                                              | Rs. /kVA<br>/ Month | Rs.<br>Crore       | MU                                                | Rs.<br>/kWh  | Rs.<br>Crore  | MU                                  | Rs.<br>/kWh |
| HT-IV(B)                               | CPWS Schemes                                | 5.07              | 61.54                                           | 68.72               | 3.34               | 61.54                                             | 45.19        | 1.27          | 286.48                              | 0.04        |
| HT-V(A)                                | Railway Traction                            | 0.00              | 0.00                                            | NA                  | 0.00               | 0.00                                              | NA           | 0.00          | 0.00                                | NA          |
| HT-VB                                  | HMR                                         | 0.00              | 0.00                                            | NA                  | 0.00               | 0.00                                              | NA           | 0.00          | 0.00                                | NA          |
| HT-VI                                  | Townships and Residential Colonies          | 3.64              | 44.20                                           | 68.72               | 2.40               | 44.20                                             | 45.19        | 0.92          | 206.86                              | 0.04        |
| HT-VII                                 | Temporary Supply                            | 0.44              | 5.38                                            | 68.72               | 0.29               | 5.38                                              | 45.19        | 0.14          | 31.81                               | 0.04        |
| HT-VIII                                | RESCOs                                      | 0.00              | 0.00                                            | NA                  | 0.00               | 0.00                                              | NA           | 0.00          | 0.00                                | NA          |
| HT-IX                                  | EV Charging Stations                        | 0.08              | 1.02                                            | 68.72               | 0.06               | 1.02                                              | 45.19        | 0.03          | 6.01                                | 0.04        |
| <b>HT Category at 132 kV and above</b> |                                             |                   |                                                 |                     |                    | 0.00                                              |              | NA            |                                     |             |
| HT-I                                   | Industry                                    | 0.00              | 753.09                                          | 0.00                | 42.76              | 753.09                                            | 47.32        | 21.42         | 4,984.79                            | 0.04        |
| HT-I(B)                                | Ferro Alloys                                | 0.00              | 0.00                                            | NA                  | 0.00               | 0.00                                              | NA           | 0.00          | 0.00                                | NA          |
| HT-II(A)                               | Others (Commercial)                         | 0.00              | 99.41                                           | 0.00                | 5.64               | 99.41                                             | 47.32        | 2.21          | 514.14                              | 0.04        |
| HT-II(B)                               | Wholly Religious Places                     | 0.00              | 0.00                                            | NA                  | 0.00               | 0.00                                              | NA           | 0.00          | 0.00                                | NA          |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 0.00              | 28.02                                           | 0.00                | 1.59               | 28.02                                             | 47.32        | 0.74          | 172.64                              | 0.04        |
| HT-IV(A)                               | Irrigation & Agriculture                    | 0.00              | 403.97                                          | 0.00                | 22.94              | 403.97                                            | 47.32        | 10.06         | 2,340.86                            | 0.04        |
| HT-IV(B)                               | CPWS                                        | 0.00              | 54.15                                           | 0.00                | 3.07               | 54.15                                             | 47.32        | 1.35          | 313.75                              | 0.04        |
| HT-VA                                  | Railway Traction                            | 0.00              | 137.31                                          | 0.00                | 7.80               | 137.31                                            | 47.32        | 2.88          | 670.59                              | 0.04        |
| HT-VB                                  | HMR                                         | 0.00              | 23.42                                           | 0.00                | 1.33               | 23.42                                             | 47.32        | 0.54          | 126.10                              | 0.04        |
| HT-VI                                  | Townships and Residential Colonies          | 0.00              | 0.00                                            | NA                  | 0.00               | 0.00                                              | NA           | 0.00          | 0.00                                | NA          |
| HT-VII                                 | Temporary Supply                            | 0.00              | 0.00                                            | NA                  | 0.00               | 0.00                                              | NA           | 0.00          | 0.00                                | NA          |
| HT-VIII                                | RESCOs                                      | 0.00              | 0.00                                            | NA                  | 0.00               | 0.00                                              | NA           | 0.00          | 0.00                                | NA          |
| HT-IX                                  | EV Charging Stations                        | 0.00              | 0.20                                            | 0.00                | 0.01               | 0.20                                              | 47.32        | 0.01          | 1.27                                | 0.04        |
| <b>Grand Total</b>                     |                                             | <b>5,304.49</b>   | <b>12,015.41</b>                                | <b>367.89</b>       | <b>587.08</b>      | <b>12,015.41</b>                                  | <b>40.72</b> | <b>285.23</b> | <b>61,173.37</b>                    | <b>0.05</b> |

| Consumer Category           |                                             | Cost Allocation |            |            |            |            |            | Cost Allocation |           | Total Cost | Sales     | CoS      |
|-----------------------------|---------------------------------------------|-----------------|------------|------------|------------|------------|------------|-----------------|-----------|------------|-----------|----------|
|                             |                                             | Demand - G      | Demand - T | Demand - D | Demand - R | Energy - G | Energy - R | Demand          | Energy    |            |           |          |
|                             |                                             | Rs. Crore       | Rs. Crore  | Rs. Crore  | Rs. Crore  | Rs. Crore  | Rs. Crore  | Rs. Crore       | Rs. Crore | Rs. Crore  | MU        | Rs. /kWh |
| <b>LT Category</b>          |                                             |                 |            |            |            |            |            |                 |           |            |           |          |
| I (A&B)                     | Domestic                                    | 2,974.76        | 789.00     | 1,781.24   | 121.45     | 4,895.22   | 64.70      | 5,666.45        | 4,959.92  | 10,626.37  | 13,355.64 | 7.96     |
| II (A, B & C)               | Non-Domestic /Commercial/ Others            | 1,111.45        | 294.79     | 665.52     | 45.38      | 1,700.86   | 22.48      | 2,117.13        | 1,723.34  | 3,840.47   | 4,640.45  | 8.28     |
| LT-III                      | Industrial                                  | 256.49          | 68.03      | 153.58     | 10.47      | 378.26     | 5.00       | 488.57          | 383.26    | 871.84     | 1,032.02  | 8.45     |
| LT-IV                       | Cottage Industries                          | 2.30            | 0.61       | 1.37       | 0.09       | 3.33       | 0.04       | 4.37            | 3.37      | 7.74       | 9.07      | 8.53     |
| LT-V                        | Agricultural                                | 3,340.81        | 886.09     | 2,000.42   | 136.40     | 4,847.13   | 64.07      | 6,363.72        | 4,911.20  | 11,274.92  | 13,224.44 | 8.53     |
| LT-VI                       | Street Lighting & PWS                       | 127.52          | 33.82      | 76.36      | 5.21       | 185.46     | 2.45       | 242.90          | 187.91    | 430.82     | 505.99    | 8.51     |
| LT-VII                      | General Purpose                             | 28.14           | 7.46       | 16.85      | 1.15       | 44.59      | 0.59       | 53.60           | 45.18     | 98.78      | 121.65    | 8.12     |
| LT-VIII                     | Temporary Supply                            | 48.23           | 12.79      | 28.88      | 1.97       | 76.42      | 1.01       | 91.87           | 77.43     | 169.31     | 208.51    | 8.12     |
| LT-IX                       | EV Charging Stations                        | 2.55            | 0.68       | 1.53       | 0.10       | 5.75       | 0.08       | 4.86            | 5.83      | 10.69      | 15.69     | 6.81     |
| <b>HT Category at 11 kV</b> |                                             |                 |            |            |            |            |            |                 |           |            |           |          |
| HT-I                        | Industry                                    | 1,082.69        | 287.16     | 251.72     | 48.52      | 1,695.69   | 22.41      | 1,670.09        | 1,718.11  | 3,388.20   | 4,849.44  | 6.99     |
| HT-I(B)                     | Ferro Alloys                                | 0.32            | 0.08       | 0.07       | 0.01       | 0.35       | 0.00       | 0.49            | 0.35      | 0.84       | 0.99      | 8.46     |
| HT-II(A)                    | Others (Commercial)                         | 556.80          | 147.68     | 129.45     | 24.95      | 953.64     | 12.60      | 858.88          | 966.25    | 1,825.13   | 2,727.28  | 6.69     |
| HT-II(B)                    | Wholly Religious Places                     | 0.06            | 0.02       | 0.01       | 0.00       | 0.14       | 0.00       | 0.09            | 0.14      | 0.24       | 0.41      | 5.83     |
| HT-III                      | Airports, Bus Stations and Railway Stations | 1.77            | 0.47       | 0.41       | 0.08       | 2.35       | 0.03       | 2.73            | 2.38      | 5.11       | 6.72      | 7.61     |
| HT-IV(A)                    | Irrigation & Agriculture                    | 8.94            | 2.37       | 2.08       | 0.40       | 15.08      | 0.20       | 13.80           | 15.28     | 29.08      | 43.14     | 6.74     |
| HT-IV(B)                    | CPWS Schemes                                | 29.11           | 7.72       | 6.77       | 1.30       | 49.10      | 0.65       | 44.91           | 49.75     | 94.65      | 140.42    | 6.74     |
| HT-VA                       | Railway Traction                            | 0.00            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00            | 0.00      | 0.00       | 0.00      | 0.00     |
| HT-VB                       | HMR                                         | 0.00            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00            | 0.00      | 0.00       | 0.00      | 0.00     |
| HT-VI                       | Townships and Residential Colonies          | 91.73           | 24.33      | 21.33      | 4.11       | 132.70     | 1.75       | 141.49          | 134.45    | 275.94     | 379.49    | 7.27     |
| HT-VII                      | Temporary Supply                            | 74.86           | 19.86      | 17.41      | 3.35       | 128.23     | 1.69       | 115.48          | 129.92    | 245.40     | 366.71    | 6.69     |
| HT-VIII                     | RESCOs                                      | 0.00            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00            | 0.00      | 0.00       | 0.00      | 0.00     |
| HT-IX                       | EV Charging Stations                        | 12.45           | 3.30       | 2.89       | 0.56       | 21.32      | 0.28       | 19.20           | 21.60     | 40.80      | 60.97     | 6.69     |
| <b>HT Category at 33 kV</b> |                                             |                 |            |            |            |            |            |                 |           | 0.00       |           |          |
| HT-I                        | Industry                                    | 1,464.75        | 388.50     | 108.24     | 71.18      | 2,631.25   | 34.78      | 2,032.66        | 2,666.03  | 4,698.69   | 7,839.34  | 5.99     |
| HT-I(B)                     | Ferro Alloys                                | 0.00            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00            | 0.00      | 0.00       | 0.00      | 0.00     |
| HT-II(A)                    | Others (Commercial)                         | 378.49          | 100.39     | 27.97      | 18.39      | 645.19     | 8.53       | 525.24          | 653.72    | 1,178.96   | 1,922.24  | 6.13     |
| HT-II(B)                    | Wholly Religious Places                     | 0.63            | 0.17       | 0.05       | 0.03       | 1.56       | 0.02       | 0.88            | 1.58      | 2.46       | 4.64      | 5.30     |
| HT-III                      | Airports, Bus Stations and Railway Stations | 0.00            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00            | 0.00      | 0.00       | 0.00      | 0.00     |
| HT-IV(A)                    | Irrigation & Agriculture                    | 15.06           | 3.99       | 1.11       | 0.73       | 21.08      | 0.28       | 20.89           | 21.36     | 42.25      | 62.81     | 6.73     |



| Consumer Category                      |                                             | Cost Allocation  |                 |                 |               |                  |               | Cost Allocation  |                  | Total Cost       | Sales            | CoS         |
|----------------------------------------|---------------------------------------------|------------------|-----------------|-----------------|---------------|------------------|---------------|------------------|------------------|------------------|------------------|-------------|
|                                        |                                             | Demand - G       | Demand - T      | Demand - D      | Demand - R    | Energy - G       | Energy - R    | Demand           | Energy           |                  |                  |             |
|                                        |                                             | Rs. Crore        | Rs. Crore       | Rs. Crore       | Rs. Crore     | Rs. Crore        | Rs. Crore     | Rs. Crore        | Rs. Crore        |                  | MU               | Rs. /kWh    |
| HT-IV(B)                               | CPWS Schemes                                | 68.68            | 18.22           | 5.07            | 3.34          | 96.16            | 1.27          | 95.31            | 97.43            | 192.73           | 286.48           | 6.73        |
| HT-V(A)                                | Railway Traction                            | 0.00             | 0.00            | 0.00            | 0.00          | 0.00             | 0.00          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00        |
| HT-VB                                  | HMR                                         | 0.00             | 0.00            | 0.00            | 0.00          | 0.00             | 0.00          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00        |
| HT-VI                                  | Townships and Residential Colonies          | 49.32            | 13.08           | 3.64            | 2.40          | 69.43            | 0.92          | 68.45            | 70.35            | 138.80           | 206.86           | 6.71        |
| HT-VII                                 | Temporary Supply                            | 6.01             | 1.59            | 0.44            | 0.29          | 10.68            | 0.14          | 8.34             | 10.82            | 19.16            | 31.81            | 6.02        |
| HT-VIII                                | RESCOs                                      | 0.00             | 0.00            | 0.00            | 0.00          | 0.00             | 0.00          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00        |
| HT-IX                                  | EV Charging Stations                        | 1.13             | 0.30            | 0.08            | 0.06          | 2.02             | 0.03          | 1.57             | 2.04             | 3.62             | 6.01             | 6.02        |
| <b>HT Category at 132 kV and above</b> |                                             |                  |                 |                 |               |                  |               |                  |                  |                  |                  |             |
| HT-I                                   | Industry                                    | 840.41           | 222.90          | 0.00            | 42.76         | 1,620.59         | 21.42         | 1,106.07         | 1,642.01         | 2,748.08         | 4,984.79         | 5.51        |
| HT-I(B)                                | Ferro Alloys                                | 0.00             | 0.00            | 0.00            | 0.00          | 0.00             | 0.00          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00        |
| HT-II(A)                               | Others (Commercial)                         | 110.93           | 29.42           | 0.00            | 5.64          | 167.15           | 2.21          | 146.00           | 169.36           | 315.36           | 514.14           | 6.13        |
| HT-II(B)                               | Wholly Religious Places                     | 0.00             | 0.00            | 0.00            | 0.00          | 0.00             | 0.00          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00        |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 31.27            | 8.29            | 0.00            | 1.59          | 56.13            | 0.74          | 41.15            | 56.87            | 98.02            | 172.64           | 5.68        |
| HT-IV(A)                               | Irrigation & Agriculture                    | 450.81           | 119.57          | 0.00            | 22.94         | 761.03           | 10.06         | 593.32           | 771.09           | 1,364.41         | 2,340.86         | 5.83        |
| HT-IV(B)                               | CPWS                                        | 60.42            | 16.03           | 0.00            | 3.07          | 102.00           | 1.35          | 79.52            | 103.35           | 182.87           | 313.75           | 5.83        |
| HT-VA                                  | Railway Traction                            | 153.24           | 40.64           | 0.00            | 7.80          | 218.01           | 2.88          | 201.67           | 220.90           | 422.57           | 670.59           | 6.30        |
| HT-VB                                  | HMR                                         | 26.13            | 6.93            | 0.00            | 1.33          | 41.00            | 0.54          | 34.39            | 41.54            | 75.93            | 126.10           | 6.02        |
| HT-VI                                  | Townships and Residential Colonies          | 0.00             | 0.00            | 0.00            | 0.00          | 0.00             | 0.00          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00        |
| HT-VII                                 | Temporary Supply                            | 0.00             | 0.00            | 0.00            | 0.00          | 0.00             | 0.00          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00        |
| HT-VIII                                | RESCOs                                      | 0.00             | 0.00            | 0.00            | 0.00          | 0.00             | 0.00          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00        |
| HT-IX                                  | EV Charging Stations                        | 0.23             | 0.06            | 0.00            | 0.01          | 0.41             | 0.01          | 0.30             | 0.42             | 0.72             | 1.27             | 5.67        |
| <b>Grand Total</b>                     |                                             | <b>13,408.49</b> | <b>3,556.35</b> | <b>5,304.49</b> | <b>587.08</b> | <b>21,579.32</b> | <b>285.23</b> | <b>22,856.42</b> | <b>21,864.55</b> | <b>44,720.96</b> | <b>61,173.37</b> | <b>7.31</b> |



## Cost of Service- TGNPDCL

| Consumer Category           |                                                | Generation Cost |                                                    |                    |           |                                     |          | Transmission - Inter-State |                                                    |                    | Transmission - Intra-State |                                                    |                    |
|-----------------------------|------------------------------------------------|-----------------|----------------------------------------------------|--------------------|-----------|-------------------------------------|----------|----------------------------|----------------------------------------------------|--------------------|----------------------------|----------------------------------------------------|--------------------|
|                             |                                                | Demand          |                                                    |                    | Energy    |                                     |          | Demand                     |                                                    |                    | Demand                     |                                                    |                    |
|                             |                                                | Cost            | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                | Cost      | Recovery<br>Basis -<br>Energy Sales | CoS      | Cost                       | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                | Cost                       | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                |
|                             |                                                | Rs. Crore       | MW                                                 | Rs. /kVA/<br>Month | Rs. Crore | MU                                  | Rs. /kWh | Rs. Crore                  | MW                                                 | Rs. /kVA/<br>Month | Rs. Crore                  | MW                                                 | Rs. /kVA/<br>Month |
| <b>LT Category</b>          |                                                |                 |                                                    |                    |           |                                     |          |                            |                                                    |                    |                            |                                                    |                    |
| I (A&B)                     | Domestic                                       | 1,075.54        | 871.41                                             | 1,028.55           | 1,999.47  | 5,224.67                            | 3.83     | 153.16                     | 871.41                                             | 146.47             | 151.16                     | 871.41                                             | 144.56             |
| II (A, B & C)               | Non-Domestic/<br>Commercial/ Others            | 299.66          | 219.97                                             | 1,135.22           | 451.68    | 1,180.26                            | 3.83     | 38.66                      | 219.97                                             | 146.47             | 38.16                      | 219.97                                             | 144.56             |
| LT-III                      | Industrial                                     | 59.58           | 39.92                                              | 1,243.72           | 96.54     | 252.26                              | 3.83     | 7.02                       | 39.92                                              | 146.47             | 6.92                       | 39.92                                              | 144.56             |
| LT-IV                       | Cottage Industries                             | 2.79            | 2.01                                               | 1,158.15           | 3.43      | 8.96                                | 3.83     | 0.35                       | 2.01                                               | 146.47             | 0.35                       | 2.01                                               | 144.56             |
| LT-V                        | Agricultural                                   | 2,682.02        | 2,010.42                                           | 1,111.72           | 3,815.18  | 9,969.16                            | 3.83     | 353.36                     | 2,010.42                                           | 146.47             | 348.75                     | 2,010.42                                           | 144.56             |
| LT-VI                       | Street Lighting & PWS                          | 98.86           | 110.17                                             | 747.84             | 152.38    | 398.16                              | 3.83     | 19.36                      | 110.17                                             | 146.47             | 19.11                      | 110.17                                             | 144.56             |
| LT-VII                      | General Purpose                                | 24.40           | 27.19                                              | 747.84             | 37.61     | 98.27                               | 3.83     | 4.78                       | 27.19                                              | 146.47             | 4.72                       | 27.19                                              | 144.56             |
| LT-VIII                     | Temporary Supply                               | 5.36            | 5.98                                               | 747.84             | 8.26      | 21.60                               | 3.83     | 1.05                       | 5.98                                               | 146.47             | 1.04                       | 5.98                                               | 144.56             |
| LT-IX                       | EV Charging Stations                           | 7.78            | 5.13                                               | 1,263.88           | 13.00     | 33.98                               | 3.83     | 0.90                       | 5.13                                               | 146.47             | 0.89                       | 5.13                                               | 144.56             |
| <b>HT Category at 11 kV</b> |                                                |                 |                                                    |                    |           |                                     |          |                            |                                                    |                    |                            |                                                    |                    |
| HT-I                        | Industry                                       | 257.45          | 166.47                                             | 1,288.73           | 442.81    | 1,212.86                            | 3.65     | 29.26                      | 166.47                                             | 146.47             | 28.88                      | 166.47                                             | 144.56             |
| HT-I(B)                     | Ferro Alloys                                   | -               | -                                                  | NA                 | -         | -                                   | NA       | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-II(A)                    | Others (Commercial)                            | 64.26           | 49.41                                              | 1,083.82           | 111.12    | 304.37                              | 3.65     | 8.68                       | 49.41                                              | 146.47             | 8.57                       | 49.41                                              | 144.56             |
| HT-II(B)                    | Wholly Religious Places                        | -               | -                                                  | NA                 | 0.17      | 0.46                                | 3.65     | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-III                      | Airports, Bus Stations and<br>Railway Stations | 2.03            | 1.39                                               | 1,213.31           | 3.00      | 8.22                                | 3.65     | 0.24                       | 1.39                                               | 146.47             | 0.24                       | 1.39                                               | 144.56             |
| HT-IV(A)                    | Irrigation & Agriculture                       | 7.20            | 4.88                                               | 1,230.08           | 12.57     | 34.43                               | 3.65     | 0.86                       | 4.88                                               | 146.47             | 0.85                       | 4.88                                               | 144.56             |
| HT-IV(B)                    | CPWS Schemes                                   | 35.38           | 23.97                                              | 1,230.08           | 61.79     | 169.25                              | 3.65     | 4.21                       | 23.97                                              | 146.47             | 4.16                       | 23.97                                              | 144.56             |
| HT-VA                       | Railway Traction                               | -               | -                                                  | NA                 | -         | -                                   | NA       | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-VB                       | HMR                                            | -               | -                                                  | NA                 | -         | -                                   | NA       | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-VI                       | Townships and<br>Residential Colonies          | 1.43            | 1.75                                               | 681.63             | 3.15      | 8.62                                | 3.65     | 0.31                       | 1.75                                               | 146.47             | 0.30                       | 1.75                                               | 144.56             |
| HT-VII                      | Temporary Supply                               | 2.08            | 1.43                                               | 1,214.51           | 3.38      | 9.25                                | 3.65     | 0.25                       | 1.43                                               | 146.47             | 0.25                       | 1.43                                               | 144.56             |
| HT-VIII                     | RESCOs                                         | 238.19          | 180.62                                             | 1,098.96           | 404.20    | 1,107.10                            | 3.65     | 31.75                      | 180.62                                             | 146.47             | 31.33                      | 180.62                                             | 144.56             |
| HT-IX                       | EV Charging Stations                           | -               | -                                                  | NA                 | -         | -                                   | NA       | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| <b>HT Category at 33 kV</b> |                                                |                 |                                                    |                    |           |                                     |          |                            |                                                    |                    |                            |                                                    |                    |
| HT-I                        | Industry                                       | 59.39           | 40.81                                              | 1,212.70           | 99.22     | 282.14                              | 3.52     | 7.17                       | 40.81                                              | 146.47             | 7.08                       | 40.81                                              | 144.56             |

| Consumer Category                      |                                                | Generation Cost |                                                    |                    |                 |                                     |             | Transmission - Inter-State |                                                    |                    | Transmission - Intra-State |                                                    |                    |
|----------------------------------------|------------------------------------------------|-----------------|----------------------------------------------------|--------------------|-----------------|-------------------------------------|-------------|----------------------------|----------------------------------------------------|--------------------|----------------------------|----------------------------------------------------|--------------------|
|                                        |                                                | Demand          |                                                    |                    | Energy          |                                     |             | Demand                     |                                                    |                    | Demand                     |                                                    |                    |
|                                        |                                                | Cost            | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                | Cost            | Recovery<br>Basis -<br>Energy Sales | CoS         | Cost                       | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                | Cost                       | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                |
|                                        |                                                | Rs. Crore       | MW                                                 | Rs. /kVA/<br>Month | Rs. Crore       | MU                                  | Rs. /kWh    | Rs. Crore                  | MW                                                 | Rs. /kVA/<br>Month | Rs. Crore                  | MW                                                 | Rs. /kVA/<br>Month |
| HT-I(B)                                | Ferro Alloys                                   | 7.11            | 4.74                                               | 1,251.49           | 13.39           | 38.09                               | 3.52        | 0.83                       | 4.74                                               | 146.47             | 0.82                       | 4.74                                               | 144.56             |
| HT-II(A)                               | Others (Commercial)                            | 3.51            | 2.95                                               | 991.32             | 6.61            | 18.81                               | 3.52        | 0.52                       | 2.95                                               | 146.47             | 0.51                       | 2.95                                               | 144.56             |
| HT-II(B)                               | Wholly Religious Places                        | -               | -                                                  | NA                 | -               | -                                   | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-III                                 | Airports, Bus Stations and<br>Railway Stations | -               | -                                                  | NA                 | -               | -                                   | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-IV(A)                               | Irrigation & Agriculture                       | 8.65            | 6.07                                               | 1,186.51           | 16.04           | 45.62                               | 3.52        | 1.07                       | 6.07                                               | 146.47             | 1.05                       | 6.07                                               | 144.56             |
| HT-IV(B)                               | CPWS Schemes                                   | 73.62           | 51.71                                              | 1,186.51           | 136.60          | 388.45                              | 3.52        | 9.09                       | 51.71                                              | 146.47             | 8.97                       | 51.71                                              | 144.56             |
| HT-V(A)                                | Railway Traction                               | -               | -                                                  | NA                 | -               | -                                   | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-VB                                  | HMR                                            | -               | -                                                  | NA                 | -               | -                                   | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-VI                                  | Townships and<br>Residential Colonies          | 8.86            | 7.18                                               | 1,028.49           | 14.86           | 42.25                               | 3.52        | 1.26                       | 7.18                                               | 146.47             | 1.24                       | 7.18                                               | 144.56             |
| HT-VII                                 | Temporary Supply                               | 1.65            | 1.17                                               | 1,177.50           | 2.45            | 6.96                                | 3.52        | 0.21                       | 1.17                                               | 146.47             | 0.20                       | 1.17                                               | 144.56             |
| HT-VIII                                | RESCOs                                         | -               | -                                                  | NA                 | -               | -                                   | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-IX                                  | EV Charging Stations                           | 9.76            | 6.30                                               | 1,292.29           | 18.18           | 51.69                               | 3.52        | 1.11                       | 6.30                                               | 146.47             | 1.09                       | 6.30                                               | 144.56             |
| <b>HT Category at 132 kV and above</b> |                                                |                 |                                                    |                    |                 |                                     |             |                            |                                                    |                    |                            |                                                    |                    |
| HT-I                                   | Industry                                       | 141.46          | 106.70                                             | 1,104.81           | 240.96          | 706.03                              | 3.41        | 18.75                      | 106.70                                             | 146.47             | 18.51                      | 106.70                                             | 144.56             |
| HT-I(B)                                | Ferro Alloys                                   | -               | -                                                  | NA                 | -               | -                                   | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-II(A)                               | Others (Commercial)                            | 1.45            | 0.93                                               | 1,296.34           | 2.66            | 7.81                                | 3.41        | 0.16                       | 0.93                                               | 146.47             | 0.16                       | 0.93                                               | 144.56             |
| HT-II(B)                               | Wholly Religious Places                        | -               | -                                                  | NA                 | -               | -                                   | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-III                                 | Airports, Bus Stations and<br>Railway Stations | -               | -                                                  | NA                 | -               | -                                   | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-IV(A)                               | Irrigation & Agriculture                       | 273.13          | 204.25                                             | 1,114.36           | 499.84          | 1,464.59                            | 3.41        | 35.90                      | 204.25                                             | 146.47             | 35.43                      | 204.25                                             | 144.56             |
| HT-IV(B)                               | CPWS                                           | 5.88            | 4.40                                               | 1,114.36           | 10.76           | 31.52                               | 3.41        | 0.77                       | 4.40                                               | 146.47             | 0.76                       | 4.40                                               | 144.56             |
| HT-VA                                  | Railway Traction                               | 127.75          | 84.57                                              | 1,258.86           | 228.12          | 668.40                              | 3.41        | 14.86                      | 84.57                                              | 146.47             | 14.67                      | 84.57                                              | 144.56             |
| HT-VB                                  | HMR                                            | -               | -                                                  | NA                 | -               | -                                   | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-VI                                  | Townships and<br>Residential Colonies          | 10.93           | 6.97                                               | 1,306.67           | 20.33           | 59.57                               | 3.41        | 1.23                       | 6.97                                               | 146.47             | 1.21                       | 6.97                                               | 144.56             |
| HT-VII                                 | Temporary Supply                               | -               | -                                                  | NA                 | -               | -                                   | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-VIII                                | RESCOs                                         | -               | -                                                  | NA                 | -               | -                                   | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-IX                                  | EV Charging Stations                           | -               | -                                                  | NA                 | -               | -                                   | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| <b>Grand Total</b>                     |                                                | <b>5,597.17</b> | <b>4,250.84</b>                                    | <b>34,748.06</b>   | <b>8,929.77</b> | <b>23,853.82</b>                    | <b>3.74</b> | <b>747.15</b>              | <b>4,250.84</b>                                    | <b>146.47</b>      | <b>737.40</b>              | <b>4,250.84</b>                                    | <b>144.56</b>      |



| Consumer Category           |                                             | Distribution Cost |                                                  |                     | Retail Supply Cost |                                                |             |              |                                     |             |
|-----------------------------|---------------------------------------------|-------------------|--------------------------------------------------|---------------------|--------------------|------------------------------------------------|-------------|--------------|-------------------------------------|-------------|
|                             |                                             | Demand            |                                                  |                     | Demand             |                                                |             | Energy       |                                     |             |
|                             |                                             | Cost              | Rate Basis -<br>Contracts/ NCP G-<br>T interface | CoS                 | Cost               | Rate Basis-<br>Contracts/ NCP<br>G-T interface | CoS         | Cost         | Recovery<br>Basis - Energy<br>Sales | CoS         |
|                             |                                             | Rs.<br>Crore      | MW                                               | Rs. /kVA<br>/ Month | Rs.<br>Crore       | MU                                             | Rs.<br>/kWh | Rs.<br>Crore | MU                                  | Rs.<br>/kWh |
| <b>LT Category</b>          |                                             |                   |                                                  |                     |                    |                                                |             |              |                                     |             |
| I (A&B)                     | Domestic                                    | 950.09            | 871.41                                           | 908.58              | 78.14              | 871.41                                         | 74.72       | 6.72         | 5,224.67                            | 0.01        |
| II (A, B & C)               | Non-Domestic /Commercial/ Others            | 239.83            | 219.97                                           | 908.58              | 19.72              | 219.97                                         | 74.72       | 1.52         | 1,180.26                            | 0.01        |
| LT-III                      | Industrial                                  | 43.52             | 39.92                                            | 908.58              | 3.58               | 39.92                                          | 74.72       | 0.32         | 252.26                              | 0.01        |
| LT-IV                       | Cottage Industries                          | 2.19              | 2.01                                             | 908.58              | 0.18               | 2.01                                           | 74.72       | 0.01         | 8.96                                | 0.01        |
| LT-V                        | Agricultural                                | 2,191.95          | 2,010.42                                         | 908.58              | 180.27             | 2,010.42                                       | 74.72       | 12.82        | 9,969.16                            | 0.01        |
| LT-VI                       | Street Lighting & PWS                       | 120.11            | 110.17                                           | 908.58              | 9.88               | 110.17                                         | 74.72       | 0.51         | 398.16                              | 0.01        |
| LT-VII                      | General Purpose                             | 29.65             | 27.19                                            | 908.58              | 2.44               | 27.19                                          | 74.72       | 0.13         | 98.27                               | 0.01        |
| LT-VIII                     | Temporary Supply                            | 6.52              | 5.98                                             | 908.58              | 0.54               | 5.98                                           | 74.72       | 0.03         | 21.60                               | 0.01        |
| LT-IX                       | EV Charging Stations                        | 5.59              | 5.13                                             | 908.58              | 0.46               | 5.13                                           | 74.72       | 0.04         | 33.98                               | 0.01        |
| <b>HT Category at 11 kV</b> |                                             |                   |                                                  |                     |                    | 0.00                                           |             | NA           |                                     |             |
| HT-I                        | Industry                                    | 73.32             | 166.47                                           | 367.02              | 16.20              | 166.47                                         | 81.11       | 1.49         | 1,212.86                            | 0.01        |
| HT-I(B)                     | Ferro Alloys                                | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA          | 0.00         | 0.00                                | NA          |
| HT-II(A)                    | Others (Commercial)                         | 21.76             | 49.41                                            | 367.02              | 4.81               | 49.41                                          | 81.11       | 0.37         | 304.37                              | 0.01        |
| HT-II(B)                    | Wholly Religious Places                     | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA          | 0.00         | 0.46                                | 0.01        |
| HT-III                      | Airports, Bus Stations and Railway Stations | 0.61              | 1.39                                             | 367.02              | 0.14               | 1.39                                           | 81.11       | 0.01         | 8.22                                | 0.01        |
| HT-IV(A)                    | Irrigation & Agriculture                    | 2.15              | 4.88                                             | 367.02              | 0.47               | 4.88                                           | 81.11       | 0.04         | 34.43                               | 0.01        |
| HT-IV(B)                    | CPWS Schemes                                | 10.56             | 23.97                                            | 367.02              | 2.33               | 23.97                                          | 81.11       | 0.21         | 169.25                              | 0.01        |
| HT-VA                       | Railway Traction                            | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA          | 0.00         | 0.00                                | NA          |
| HT-VB                       | HMR                                         | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA          | 0.00         | 0.00                                | NA          |
| HT-VI                       | Townships and Residential Colonies          | 0.77              | 1.75                                             | 367.02              | 0.17               | 1.75                                           | 81.11       | 0.01         | 8.62                                | 0.01        |
| HT-VII                      | Temporary Supply                            | 0.63              | 1.43                                             | 367.02              | 0.14               | 1.43                                           | 81.11       | 0.01         | 9.25                                | 0.01        |
| HT-VIII                     | RESCOs                                      | 79.55             | 180.62                                           | 367.02              | 17.58              | 180.62                                         | 81.11       | 1.36         | 1,107.10                            | 0.01        |
| HT-IX                       | EV Charging Stations                        | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA          | 0.00         | 0.00                                | NA          |
| <b>HT Category at 33 kV</b> |                                             |                   |                                                  |                     |                    | 0.00                                           |             | NA           |                                     |             |
| HT-I                        | Industry                                    | 5.61              | 40.81                                            | 114.63              | 4.17               | 40.81                                          | 85.23       | 0.33         | 282.14                              | 0.01        |
| HT-I(B)                     | Ferro Alloys                                | 0.65              | 4.74                                             | 114.63              | 0.48               | 4.74                                           | 85.23       | 0.05         | 38.09                               | 0.01        |
| HT-II(A)                    | Others (Commercial)                         | 0.41              | 2.95                                             | 114.63              | 0.30               | 2.95                                           | 85.23       | 0.02         | 18.81                               | 0.01        |
| HT-II(B)                    | Wholly Religious Places                     | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA          | 0.00         | 0.00                                | NA          |
| HT-III                      | Airports, Bus Stations and Railway Stations | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA          | 0.00         | 0.00                                | NA          |
| HT-IV(A)                    | Irrigation & Agriculture                    | 0.84              | 6.07                                             | 114.63              | 0.62               | 6.07                                           | 85.23       | 0.05         | 45.62                               | 0.01        |
| HT-IV(B)                    | CPWS Schemes                                | 7.11              | 51.71                                            | 114.63              | 5.29               | 51.71                                          | 85.23       | 0.46         | 388.45                              | 0.01        |



| Consumer Category                      |                                             | Distribution Cost |                                                  |                     | Retail Supply Cost |                                                |              |              |                                     |             |
|----------------------------------------|---------------------------------------------|-------------------|--------------------------------------------------|---------------------|--------------------|------------------------------------------------|--------------|--------------|-------------------------------------|-------------|
|                                        |                                             | Demand            |                                                  |                     | Demand             |                                                |              | Energy       |                                     |             |
|                                        |                                             | Cost              | Rate Basis -<br>Contracts/ NCP G-<br>T interface | CoS                 | Cost               | Rate Basis-<br>Contracts/ NCP<br>G-T interface | CoS          | Cost         | Recovery<br>Basis - Energy<br>Sales | CoS         |
|                                        |                                             | Rs.<br>Crore      | MW                                               | Rs. /kVA<br>/ Month | Rs.<br>Crore       | MU                                             | Rs.<br>/kWh  | Rs.<br>Crore | MU                                  | Rs.<br>/kWh |
| HT-V(A)                                | Railway Traction                            | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA           | 0.00         | 0.00                                | NA          |
| HT-VB                                  | HMR                                         | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA           | 0.00         | 0.00                                | NA          |
| HT-VI                                  | Townships and Residential Colonies          | 0.99              | 7.18                                             | 114.63              | 0.73               | 7.18                                           | 85.23        | 0.05         | 42.25                               | 0.01        |
| HT-VII                                 | Temporary Supply                            | 0.16              | 1.17                                             | 114.63              | 0.12               | 1.17                                           | 85.23        | 0.01         | 6.96                                | 0.01        |
| HT-VIII                                | RESCOs                                      | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA           | 0.00         | 0.00                                | NA          |
| HT-IX                                  | EV Charging Stations                        | 0.87              | 6.30                                             | 114.63              | 0.64               | 6.30                                           | 85.23        | 0.06         | 51.69                               | 0.01        |
| <b>HT Category at 132 kV and above</b> |                                             |                   |                                                  |                     |                    | 0.00                                           | NA           |              |                                     |             |
| HT-I                                   | Industry                                    | 0.00              | 106.70                                           | 0.00                | 11.36              | 106.70                                         | 88.72        | 0.81         | 706.03                              | 0.01        |
| HT-I(B)                                | Ferro Alloys                                | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA           | 0.00         | 0.00                                | NA          |
| HT-II(A)                               | Others (Commercial)                         | 0.00              | 0.93                                             | 0.00                | 0.10               | 0.93                                           | 88.72        | 0.01         | 7.81                                | 0.01        |
| HT-II(B)                               | Wholly Religious Places                     | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA           | 0.00         | 0.00                                | NA          |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA           | 0.00         | 0.00                                | NA          |
| HT-IV(A)                               | Irrigation & Agriculture                    | 0.00              | 204.25                                           | 0.00                | 21.74              | 204.25                                         | 88.72        | 1.68         | 1,464.59                            | 0.01        |
| HT-IV(B)                               | CPWS                                        | 0.00              | 4.40                                             | 0.00                | 0.47               | 4.40                                           | 88.72        | 0.04         | 31.52                               | 0.01        |
| HT-VA                                  | Railway Traction                            | 0.00              | 84.57                                            | 0.00                | 9.00               | 84.57                                          | 88.72        | 0.77         | 668.40                              | 0.01        |
| HT-VB                                  | HMR                                         | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA           | 0.00         | 0.00                                | NA          |
| HT-VI                                  | Townships and Residential Colonies          | 0.00              | 6.97                                             | 0.00                | 0.74               | 6.97                                           | 88.72        | 0.07         | 59.57                               | 0.01        |
| HT-VII                                 | Temporary Supply                            | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA           | 0.00         | 0.00                                | NA          |
| HT-VIII                                | RESCOs                                      | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA           | 0.00         | 0.00                                | NA          |
| HT-IX                                  | EV Charging Stations                        | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                           | NA           | 0.00         | 0.00                                | NA          |
| <b>Grand Total</b>                     |                                             | <b>3,795.43</b>   | <b>4,250.84</b>                                  | <b>744.05</b>       | <b>392.83</b>      | <b>4,250.84</b>                                | <b>77.01</b> | <b>30.01</b> | <b>23,853.82</b>                    | <b>0.01</b> |

| Consumer Category           |                                             | Cost Allocation |            |            |            |            |            | Cost Allocation |           | Total Cost | Sales    | CoS      |
|-----------------------------|---------------------------------------------|-----------------|------------|------------|------------|------------|------------|-----------------|-----------|------------|----------|----------|
|                             |                                             | Demand - G      | Demand - T | Demand - D | Demand - R | Energy - G | Energy - R | Demand          | Energy    |            |          |          |
|                             |                                             | Rs. Crore       | Rs. Crore  | Rs. Crore  | Rs. Crore  | Rs. Crore  | Rs. Crore  | Rs. Crore       | Rs. Crore | Rs. Crore  | MU       | Rs. /kWh |
| <b>LT Category</b>          |                                             |                 |            |            |            |            |            |                 |           |            |          |          |
| I (A&B)                     | Domestic                                    | 1,075.54        | 304.33     | 950.09     | 78.14      | 1,999.47   | 6.72       | 2,408.09        | 2,006.19  | 4,414.29   | 5,224.67 | 8.45     |
| II (A, B & C)               | Non-Domestic /Commercial/ Others            | 299.66          | 76.82      | 239.83     | 19.72      | 451.68     | 1.52       | 636.04          | 453.20    | 1,089.24   | 1,180.26 | 9.23     |
| LT-III                      | Industrial                                  | 59.58           | 13.94      | 43.52      | 3.58       | 96.54      | 0.32       | 120.62          | 96.87     | 217.49     | 252.26   | 8.62     |
| LT-IV                       | Cottage Industries                          | 2.79            | 0.70       | 2.19       | 0.18       | 3.43       | 0.01       | 5.86            | 3.44      | 9.30       | 8.96     | 10.38    |
| LT-V                        | Agricultural                                | 2,682.02        | 702.11     | 2,191.95   | 180.27     | 3,815.18   | 12.82      | 5,756.34        | 3,828.00  | 9,584.35   | 9,969.16 | 9.61     |
| LT-VI                       | Street Lighting & PWS                       | 98.86           | 38.47      | 120.11     | 9.88       | 152.38     | 0.51       | 267.33          | 152.89    | 420.22     | 398.16   | 10.55    |
| LT-VII                      | General Purpose                             | 24.40           | 9.50       | 29.65      | 2.44       | 37.61      | 0.13       | 65.98           | 37.74     | 103.72     | 98.27    | 10.55    |
| LT-VIII                     | Temporary Supply                            | 5.36            | 2.09       | 6.52       | 0.54       | 8.26       | 0.03       | 14.50           | 8.29      | 22.79      | 21.60    | 10.55    |
| LT-IX                       | EV Charging Stations                        | 7.78            | 1.79       | 5.59       | 0.46       | 13.00      | 0.04       | 15.63           | 13.05     | 28.68      | 33.98    | 8.44     |
| <b>HT Category at 11 kV</b> |                                             |                 |            |            |            |            |            |                 |           |            |          |          |
| HT-I                        | Industry                                    | 257.45          | 58.14      | 73.32      | 16.20      | 442.81     | 1.49       | 405.11          | 444.30    | 849.41     | 1,212.86 | 7.00     |
| HT-I(B)                     | Ferro Alloys                                | 0.00            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00            | 0.00      | 0.00       | 0.00     | 0.00     |
| HT-II(A)                    | Others (Commercial)                         | 64.26           | 17.26      | 21.76      | 4.81       | 111.12     | 0.37       | 108.08          | 111.50    | 219.58     | 304.37   | 7.21     |
| HT-II(B)                    | Wholly Religious Places                     | 0.00            | 0.00       | 0.00       | 0.00       | 0.17       | 0.00       | 0.00            | 0.17      | 0.17       | 0.46     | 3.66     |
| HT-III                      | Airports, Bus Stations and Railway Stations | 2.03            | 0.49       | 0.61       | 0.14       | 3.00       | 0.01       | 3.26            | 3.01      | 6.27       | 8.22     | 7.63     |
| HT-IV(A)                    | Irrigation & Agriculture                    | 7.20            | 1.70       | 2.15       | 0.47       | 12.57      | 0.04       | 11.52           | 12.61     | 24.14      | 34.43    | 7.01     |
| HT-IV(B)                    | CPWS Schemes                                | 35.38           | 8.37       | 10.56      | 2.33       | 61.79      | 0.21       | 56.64           | 62.00     | 118.64     | 169.25   | 7.01     |
| HT-VA                       | Railway Traction                            | 0.00            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00            | 0.00      | 0.00       | 0.00     | 0.00     |
| HT-VB                       | HMR                                         | 0.00            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00            | 0.00      | 0.00       | 0.00     | 0.00     |
| HT-VI                       | Townships and Residential Colonies          | 1.43            | 0.61       | 0.77       | 0.17       | 3.15       | 0.01       | 2.99            | 3.16      | 6.15       | 8.62     | 7.13     |
| HT-VII                      | Temporary Supply                            | 2.08            | 0.50       | 0.63       | 0.14       | 3.38       | 0.01       | 3.35            | 3.39      | 6.74       | 9.25     | 7.28     |
| HT-VIII                     | RESCOs                                      | 238.19          | 63.08      | 79.55      | 17.58      | 404.20     | 1.36       | 398.40          | 405.55    | 803.95     | 1,107.10 | 7.26     |
| HT-IX                       | EV Charging Stations                        | 0.00            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00            | 0.00      | 0.00       | 0.00     | 0.00     |
| <b>HT Category at 33 kV</b> |                                             |                 |            |            |            |            |            |                 |           |            |          |          |
| HT-I                        | Industry                                    | 59.39           | 14.25      | 5.61       | 4.17       | 99.22      | 0.33       | 83.43           | 99.55     | 182.98     | 282.14   | 6.49     |
| HT-I(B)                     | Ferro Alloys                                | 7.11            | 1.65       | 0.65       | 0.48       | 13.39      | 0.05       | 9.91            | 13.44     | 23.34      | 38.09    | 6.13     |
| HT-II(A)                    | Others (Commercial)                         | 3.51            | 1.03       | 0.41       | 0.30       | 6.61       | 0.02       | 5.25            | 6.64      | 11.89      | 18.81    | 6.32     |
| HT-II(B)                    | Wholly Religious Places                     | 0.00            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00            | 0.00      | 0.00       | 0.00     | 0.00     |
| HT-III                      | Airports, Bus Stations and Railway Stations | 0.00            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00            | 0.00      | 0.00       | 0.00     | 0.00     |
| HT-IV(A)                    | Irrigation & Agriculture                    | 8.65            | 2.12       | 0.84       | 0.62       | 16.04      | 0.05       | 12.22           | 16.10     | 28.32      | 45.62    | 6.21     |



| Consumer Category                      |                                             | Cost Allocation |                 |                 |               |                 |              | Cost Allocation  |                 | Total Cost       | Sales            | CoS         |
|----------------------------------------|---------------------------------------------|-----------------|-----------------|-----------------|---------------|-----------------|--------------|------------------|-----------------|------------------|------------------|-------------|
|                                        |                                             | Demand - G      | Demand - T      | Demand - D      | Demand - R    | Energy - G      | Energy - R   | Demand           | Energy          |                  |                  |             |
|                                        |                                             | Rs. Crore       | Rs. Crore       | Rs. Crore       | Rs. Crore     | Rs. Crore       | Rs. Crore    | Rs. Crore        | Rs. Crore       |                  | MU               | Rs. /kWh    |
| HT-IV(B)                               | CPWS Schemes                                | 73.62           | 18.06           | 7.11            | 5.29          | 136.60          | 0.46         | 104.08           | 137.06          | 241.15           | 388.45           | 6.21        |
| HT-V(A)                                | Railway Traction                            | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00         | 0.00             | 0.00            | 0.00             | 0.00             | 0.00        |
| HT-VB                                  | HMR                                         | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00         | 0.00             | 0.00            | 0.00             | 0.00             | 0.00        |
| HT-VI                                  | Townships and Residential Colonies          | 8.86            | 2.51            | 0.99            | 0.73          | 14.86           | 0.05         | 13.09            | 14.91           | 27.99            | 42.25            | 6.63        |
| HT-VII                                 | Temporary Supply                            | 1.65            | 0.41            | 0.16            | 0.12          | 2.45            | 0.01         | 2.34             | 2.46            | 4.80             | 6.96             | 6.90        |
| HT-VIII                                | RESCOs                                      | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00         | 0.00             | 0.00            | 0.00             | 0.00             | 0.00        |
| HT-IX                                  | EV Charging Stations                        | 9.76            | 2.20            | 0.87            | 0.64          | 18.18           | 0.06         | 13.47            | 18.24           | 31.71            | 51.69            | 6.13        |
| <b>HT Category at 132 kV and above</b> |                                             |                 |                 |                 |               |                 |              |                  |                 |                  |                  |             |
| HT-I                                   | Industry                                    | 141.46          | 37.26           | 0.00            | 11.36         | 240.96          | 0.81         | 190.08           | 241.77          | 431.84           | 706.03           | 6.12        |
| HT-I(B)                                | Ferro Alloys                                | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00         | 0.00             | 0.00            | 0.00             | 0.00             | 0.00        |
| HT-II(A)                               | Others (Commercial)                         | 1.45            | 0.33            | 0.00            | 0.10          | 2.66            | 0.01         | 1.88             | 2.67            | 4.55             | 7.81             | 5.83        |
| HT-II(B)                               | Wholly Religious Places                     | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00         | 0.00             | 0.00            | 0.00             | 0.00             | 0.00        |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00         | 0.00             | 0.00            | 0.00             | 0.00             | 0.00        |
| HT-IV(A)                               | Irrigation & Agriculture                    | 273.13          | 71.33           | 0.00            | 21.74         | 499.84          | 1.68         | 366.20           | 501.52          | 867.73           | 1,464.59         | 5.92        |
| HT-IV(B)                               | CPWS                                        | 5.88            | 1.54            | 0.00            | 0.47          | 10.76           | 0.04         | 7.88             | 10.79           | 18.68            | 31.52            | 5.92        |
| HT-VA                                  | Railway Traction                            | 127.75          | 29.53           | 0.00            | 9.00          | 228.12          | 0.77         | 166.29           | 228.88          | 395.17           | 668.40           | 5.91        |
| HT-VB                                  | HMR                                         | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00         | 0.00             | 0.00            | 0.00             | 0.00             | 0.00        |
| HT-VI                                  | Townships and Residential Colonies          | 10.93           | 2.43            | 0.00            | 0.74          | 20.33           | 0.07         | 14.11            | 20.40           | 34.50            | 59.57            | 5.79        |
| HT-VII                                 | Temporary Supply                            | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00         | 0.00             | 0.00            | 0.00             | 0.00             | 0.00        |
| HT-VIII                                | RESCOs                                      | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00         | 0.00             | 0.00            | 0.00             | 0.00             | 0.00        |
| HT-IX                                  | EV Charging Stations                        | 0.00            | 0.00            | 0.00            | 0.00          | 0.00            | 0.00         | 0.00             | 0.00            | 0.00             | 0.00             | 0.00        |
| <b>Grand Total</b>                     |                                             | <b>5,597.17</b> | <b>1,484.55</b> | <b>3,795.43</b> | <b>392.83</b> | <b>8,929.77</b> | <b>30.01</b> | <b>11,269.98</b> | <b>8,959.78</b> | <b>20,229.76</b> | <b>23,853.82</b> | <b>8.48</b> |



## Cost of Service- TGDISCOMs

| Consumer Category           |                                                | Generation Cost |                                                    |                    |           |                                        |          | Transmission - Inter-State |                                                    |                    | Transmission - Intra-State |                                                    |                    |
|-----------------------------|------------------------------------------------|-----------------|----------------------------------------------------|--------------------|-----------|----------------------------------------|----------|----------------------------|----------------------------------------------------|--------------------|----------------------------|----------------------------------------------------|--------------------|
|                             |                                                | Demand          |                                                    |                    | Energy    |                                        |          | Demand                     |                                                    |                    | Demand                     |                                                    |                    |
|                             |                                                | Cost            | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                | Cost      | Recovery<br>Basis -<br>Energy<br>Sales | CoS      | Cost                       | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                | Cost                       | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                |
|                             |                                                | Rs. Crore       | MW                                                 | Rs. /kVA/<br>Month | Rs. Crore | MU                                     | Rs. /kWh | Rs. Crore                  | MW                                                 | Rs. /kVA/<br>Month | Rs. Crore                  | MW                                                 | Rs. /kVA/<br>Month |
| <b>LT Category</b>          |                                                |                 |                                                    |                    |           |                                        |          |                            |                                                    |                    |                            |                                                    |                    |
| I (A&B)                     | Domestic                                       | 4,050.30        | 3,537.11                                           | 954.24             | 6,894.69  | 18,580.30                              | 3.71     | 550.25                     | 3,537.11                                           | 129.64             | 543.07                     | 3,537.11                                           | 127.95             |
| II (A, B & C)               | Non-Domestic/<br>Commercial/ Others            | 1,411.11        | 1,215.94                                           | 967.09             | 2,152.54  | 5,820.71                               | 3.70     | 187.03                     | 1,215.94                                           | 128.18             | 184.59                     | 1,215.94                                           | 126.50             |
| LT-III                      | Industrial                                     | 316.07          | 269.76                                             | 976.38             | 474.81    | 1,284.28                               | 3.70     | 41.25                      | 269.76                                             | 127.44             | 40.72                      | 269.76                                             | 125.78             |
| LT-IV                       | Cottage Industries                             | 5.08            | 4.06                                               | 1,042.62           | 6.75      | 18.03                                  | 3.75     | 0.66                       | 4.06                                               | 135.16             | 0.65                       | 4.06                                               | 133.40             |
| LT-V                        | Agricultural                                   | 6,022.83        | 5,004.13                                           | 1,002.98           | 8,662.32  | 23,193.60                              | 3.73     | 799.31                     | 5,004.13                                           | 133.11             | 788.89                     | 5,004.13                                           | 131.37             |
| LT-VI                       | Street Lighting & PWS                          | 226.38          | 224.44                                             | 840.56             | 337.84    | 904.15                                 | 3.74     | 36.39                      | 224.44                                             | 135.10             | 35.91                      | 224.44                                             | 133.34             |
| LT-VII                      | General Purpose                                | 52.54           | 52.41                                              | 835.46             | 82.20     | 219.92                                 | 3.74     | 8.54                       | 52.41                                              | 135.72             | 8.42                       | 52.41                                              | 133.95             |
| LT-VIII                     | Temporary Supply                               | 53.59           | 49.20                                              | 907.83             | 84.69     | 230.10                                 | 3.68     | 7.49                       | 49.20                                              | 126.85             | 7.39                       | 49.20                                              | 125.19             |
| LT-IX                       | EV Charging Stations                           | 10.34           | 7.42                                               | 1,160.90           | 18.76     | 49.67                                  | 3.78     | 1.24                       | 7.42                                               | 139.58             | 1.23                       | 7.42                                               | 137.76             |
| <b>HT Category at 11 kV</b> |                                                |                 |                                                    |                    |           |                                        |          |                            |                                                    |                    |                            |                                                    |                    |
| HT-I                        | Industry                                       | 1,340.14        | 1,136.68                                           | 982.50             | 2,138.51  | 6,062.31                               | 3.53     | 173.78                     | 1,136.68                                           | 127.41             | 171.52                     | 1,136.68                                           | 125.74             |
| HT-I(B)                     | Ferro Alloys                                   | 0.32            | 0.28                                               | 929.95             | 0.35      | 0.99                                   | 3.50     | 0.04                       | 0.28                                               | 124.14             | 0.04                       | 0.28                                               | 122.52             |
| HT-II(A)                    | Others (Commercial)                            | 621.06          | 548.36                                             | 943.81             | 1,064.77  | 3,031.65                               | 3.51     | 83.01                      | 548.36                                             | 126.15             | 81.93                      | 548.36                                             | 124.50             |
| HT-II(B)                    | Wholly Religious Places                        | 0.06            | 0.05                                               | 929.95             | 0.31      | 0.87                                   | 3.58     | 0.01                       | 0.05                                               | 124.14             | 0.01                       | 0.05                                               | 122.52             |
| HT-III                      | Airports, Bus Stations and<br>Railway Stations | 3.80            | 2.98                                               | 1,062.48           | 5.35      | 14.94                                  | 3.58     | 0.48                       | 2.98                                               | 134.58             | 0.47                       | 2.98                                               | 132.83             |
| HT-IV(A)                    | Irrigation & Agriculture                       | 16.14           | 12.89                                              | 1,043.48           | 27.66     | 77.57                                  | 3.57     | 2.05                       | 12.89                                              | 132.58             | 2.02                       | 12.89                                              | 130.85             |
| HT-IV(B)                    | CPWS Schemes                                   | 64.49           | 50.06                                              | 1,073.66           | 110.89    | 309.67                                 | 3.58     | 8.10                       | 50.06                                              | 134.83             | 7.99                       | 50.06                                              | 133.07             |
| HT-VA                       | Railway Traction                               | -               | -                                                  | NA                 | -         | -                                      | NA       | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-VB                       | HMR                                            | -               | -                                                  | NA                 | -         | -                                      | NA       | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-VI                       | Townships and<br>Residential Colonies          | 93.16           | 83.95                                              | 924.76             | 135.84    | 388.11                                 | 3.50     | 12.55                      | 83.95                                              | 124.60             | 12.39                      | 83.95                                              | 122.98             |
| HT-VII                      | Temporary Supply                               | 76.94           | 68.51                                              | 935.88             | 131.60    | 375.96                                 | 3.50     | 10.24                      | 68.51                                              | 124.60             | 10.11                      | 68.51                                              | 122.98             |
| HT-VIII                     | RESCOs                                         | 238.19          | 180.62                                             | 1,098.96           | 404.20    | 1,107.10                               | 3.65     | 31.75                      | 180.62                                             | 146.47             | 31.33                      | 180.62                                             | 144.56             |
| HT-IX                       | EV Charging Stations                           | 12.45           | 11.15                                              | 929.95             | 21.32     | 60.97                                  | 3.50     | 1.66                       | 11.15                                              | 124.14             | 1.64                       | 11.15                                              | 122.52             |
| <b>HT Category at 33 kV</b> |                                                |                 |                                                    |                    |           |                                        |          |                            |                                                    |                    |                            |                                                    |                    |
| HT-I                        | Industry                                       | 1,524.14        | 1,353.38                                           | 938.48             | 2,730.46  | 8,121.48                               | 3.36     | 202.70                     | 1,353.38                                           | 124.81             | 200.05                     | 1,353.38                                           | 123.18             |
| HT-I(B)                     | Ferro Alloys                                   | 7.11            | 4.74                                               | 1,251.49           | 13.39     | 38.09                                  | 3.52     | 0.83                       | 4.74                                               | 146.47             | 0.82                       | 4.74                                               | 144.56             |

| Consumer Category                      |                                                | Generation Cost  |                                                    |                    |                  |                                        |             | Transmission - Inter-State |                                                    |                    | Transmission - Intra-State |                                                    |                    |
|----------------------------------------|------------------------------------------------|------------------|----------------------------------------------------|--------------------|------------------|----------------------------------------|-------------|----------------------------|----------------------------------------------------|--------------------|----------------------------|----------------------------------------------------|--------------------|
|                                        |                                                | Demand           |                                                    |                    | Energy           |                                        |             | Demand                     |                                                    |                    | Demand                     |                                                    |                    |
|                                        |                                                | Cost             | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                | Cost             | Recovery<br>Basis -<br>Energy<br>Sales | CoS         | Cost                       | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                | Cost                       | Rate Basis -<br>Contracts/<br>NCP G-T<br>interface | CoS                |
|                                        |                                                | Rs. Crore        | MW                                                 | Rs. /kVA/<br>Month | Rs. Crore        | MU                                     | Rs. /kWh    | Rs. Crore                  | MW                                                 | Rs. /kVA/<br>Month | Rs. Crore                  | MW                                                 | Rs. /kVA/<br>Month |
| HT-II(A)                               | Others (Commercial)                            | 382.00           | 342.12                                             | 930.48             | 651.81           | 1,941.05                               | 3.36        | 51.04                      | 342.12                                             | 124.33             | 50.38                      | 342.12                                             | 122.71             |
| HT-II(B)                               | Wholly Religious Places                        | 0.63             | 0.57                                               | 929.95             | 1.56             | 4.64                                   | 3.36        | 0.08                       | 0.57                                               | 124.14             | 0.08                       | 0.57                                               | 122.52             |
| HT-III                                 | Airports, Bus Stations and<br>Railway Stations | -                | -                                                  | NA                 | -                | -                                      | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-IV(A)                               | Irrigation & Agriculture                       | 23.70            | 19.56                                              | 1,009.58           | 37.12            | 108.42                                 | 3.42        | 3.08                       | 19.56                                              | 131.07             | 3.04                       | 19.56                                              | 129.36             |
| HT-IV(B)                               | CPWS Schemes                                   | 142.30           | 113.25                                             | 1,047.09           | 232.76           | 674.93                                 | 3.45        | 18.26                      | 113.25                                             | 134.33             | 18.02                      | 113.25                                             | 132.58             |
| HT-V(A)                                | Railway Traction                               | -                | -                                                  | NA                 | -                | -                                      | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-VB                                  | HMR                                            | -                | -                                                  | NA                 | -                | -                                      | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-VI                                  | Townships and<br>Residential Colonies          | 58.18            | 51.38                                              | 943.72             | 84.29            | 249.11                                 | 3.38        | 7.85                       | 51.38                                              | 127.26             | 7.74                       | 51.38                                              | 125.60             |
| HT-VII                                 | Temporary Supply                               | 7.66             | 6.55                                               | 974.19             | 13.13            | 38.78                                  | 3.39        | 1.01                       | 6.55                                               | 128.13             | 0.99                       | 6.55                                               | 126.46             |
| HT-VIII                                | RESCOs                                         | -                | -                                                  | NA                 | -                | -                                      | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-IX                                  | EV Charging Stations                           | 10.90            | 7.31                                               | 1,241.90           | 20.20            | 57.71                                  | 3.50        | 1.26                       | 7.31                                               | 143.36             | 1.24                       | 7.31                                               | 141.49             |
| <b>HT Category at 132 kV and above</b> |                                                |                  |                                                    |                    |                  |                                        |             |                            |                                                    |                    |                            |                                                    |                    |
| HT-I                                   | Industry                                       | 981.86           | 859.79                                             | 951.65             | 1,861.55         | 5,690.82                               | 3.27        | 130.94                     | 859.79                                             | 126.91             | 129.23                     | 859.79                                             | 125.25             |
| HT-I(B)                                | Ferro Alloys                                   | -                | -                                                  | NA                 | -                | -                                      | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-II(A)                               | Others (Commercial)                            | 112.38           | 100.34                                             | 933.36             | 169.82           | 521.95                                 | 3.25        | 14.97                      | 100.34                                             | 124.34             | 14.78                      | 100.34                                             | 122.72             |
| HT-II(B)                               | Wholly Religious Places                        | -                | -                                                  | NA                 | -                | -                                      | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-III                                 | Airports, Bus Stations and<br>Railway Stations | 31.27            | 28.02                                              | 929.95             | 56.13            | 172.64                                 | 3.25        | 4.17                       | 28.02                                              | 124.14             | 4.12                       | 28.02                                              | 122.52             |
| HT-IV(A)                               | Irrigation & Agriculture                       | 723.94           | 608.22                                             | 991.88             | 1,260.87         | 3,805.45                               | 3.31        | 96.08                      | 608.22                                             | 131.64             | 94.82                      | 608.22                                             | 129.92             |
| HT-IV(B)                               | CPWS                                           | 66.30            | 58.54                                              | 943.80             | 112.76           | 345.27                                 | 3.27        | 8.84                       | 58.54                                              | 125.81             | 8.72                       | 58.54                                              | 124.17             |
| HT-VA                                  | Railway Traction                               | 280.99           | 221.88                                             | 1,055.31           | 446.13           | 1,338.99                               | 3.33        | 35.32                      | 221.88                                             | 132.65             | 34.86                      | 221.88                                             | 130.92             |
| HT-VB                                  | HMR                                            | 26.13            | 23.42                                              | 929.95             | 41.00            | 126.10                                 | 3.25        | 3.49                       | 23.42                                              | 124.14             | 3.44                       | 23.42                                              | 122.52             |
| HT-VI                                  | Townships and<br>Residential Colonies          | 10.93            | 6.97                                               | 1,306.67           | 20.33            | 59.57                                  | 3.41        | 1.23                       | 6.97                                               | 146.47             | 1.21                       | 6.97                                               | 144.56             |
| HT-VII                                 | Temporary Supply                               | -                | -                                                  | NA                 | -                | -                                      | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-VIII                                | RESCOs                                         | -                | -                                                  | NA                 | -                | -                                      | NA          | -                          | -                                                  | NA                 | -                          | 0.00                                               | NA                 |
| HT-IX                                  | EV Charging Stations                           | 0.23             | 0.20                                               | 929.95             | 0.41             | 1.27                                   | 3.25        | 0.03                       | 0.20                                               | 124.14             | 0.03                       | 0.20                                               | 122.52             |
| <b>Grand Total</b>                     |                                                | <b>19,005.66</b> | <b>16,266.26</b>                                   | <b>37,782.82</b>   | <b>30,509.09</b> | <b>85,027.20</b>                       | <b>3.59</b> | <b>2,537.00</b>            | <b>16,266.26</b>                                   | <b>129.97</b>      | <b>2,503.90</b>            | <b>16,266.26</b>                                   | <b>128.28</b>      |



| Consumer Category           |                                             | Distribution Cost |                                                  |                     | Retail Supply Cost |                                                   |             |              |                                     |             |
|-----------------------------|---------------------------------------------|-------------------|--------------------------------------------------|---------------------|--------------------|---------------------------------------------------|-------------|--------------|-------------------------------------|-------------|
|                             |                                             | Demand            |                                                  |                     | Demand             |                                                   |             | Energy       |                                     |             |
|                             |                                             | Cost              | Rate Basis -<br>Contracts/ NCP G-<br>T interface | CoS                 | Cost               | Rate Basis-<br>Contracts/<br>NCP G-T<br>interface | CoS         | Cost         | Recovery<br>Basis - Energy<br>Sales | CoS         |
|                             |                                             | Rs.<br>Crore      | MW                                               | Rs. /kVA<br>/ Month | Rs.<br>Crore       | MU                                                | Rs.<br>/kWh | Rs.<br>Crore | MU                                  | Rs.<br>/kWh |
| <b>LT Category</b>          |                                             |                   |                                                  |                     |                    |                                                   |             |              |                                     |             |
| I (A&B)                     | Domestic                                    | 2,731.33          | 3,537.11                                         | 643.49              | 199.59             | 3,537.11                                          | 47.02       | 71.42        | 18,580.30                           | 0.04        |
| II (A, B & C)               | Non-Domestic /Commercial/ Others            | 905.35            | 1,215.94                                         | 620.47              | 65.10              | 1,215.94                                          | 44.62       | 24.00        | 5,820.71                            | 0.04        |
| LT-III                      | Industrial                                  | 197.11            | 269.76                                           | 608.89              | 14.05              | 269.76                                            | 43.41       | 5.32         | 1,284.28                            | 0.04        |
| LT-IV                       | Cottage Industries                          | 3.56              | 4.06                                             | 730.50              | 0.27               | 4.06                                              | 56.11       | 0.06         | 18.03                               | 0.03        |
| LT-V                        | Agricultural                                | 4,192.36          | 5,004.13                                         | 698.15              | 316.67             | 5,004.13                                          | 52.73       | 76.89        | 23,193.60                           | 0.03        |
| LT-VI                       | Street Lighting & PWS                       | 196.47            | 224.44                                           | 729.49              | 15.08              | 224.44                                            | 56.01       | 2.96         | 904.15                              | 0.03        |
| LT-VII                      | General Purpose                             | 46.50             | 52.41                                            | 739.34              | 3.59               | 52.41                                             | 57.04       | 0.72         | 219.92                              | 0.03        |
| LT-VIII                     | Temporary Supply                            | 35.40             | 49.20                                            | 599.56              | 2.50               | 49.20                                             | 42.43       | 1.04         | 230.10                              | 0.05        |
| LT-IX                       | EV Charging Stations                        | 7.12              | 7.42                                             | 800.11              | 0.56               | 7.42                                              | 63.39       | 0.12         | 49.67                               | 0.02        |
| <b>HT Category at 11 kV</b> |                                             |                   |                                                  |                     |                    |                                                   |             | NA           |                                     |             |
| HT-I                        | Industry                                    | 325.04            | 1,136.68                                         | 238.29              | 64.72              | 1,136.68                                          | 47.45       | 23.90        | 6,062.31                            | 0.04        |
| HT-I(B)                     | Ferro Alloys                                | 0.07              | 0.28                                             | 216.21              | 0.01               | 0.28                                              | 41.67       | 0.00         | 0.99                                | 0.05        |
| HT-II(A)                    | Others (Commercial)                         | 151.21            | 548.36                                           | 229.79              | 29.76              | 548.36                                            | 45.23       | 12.98        | 3,031.65                            | 0.04        |
| HT-II(B)                    | Wholly Religious Places                     | 0.01              | 0.05                                             | 216.21              | 0.00               | 0.05                                              | 41.67       | 0.00         | 0.87                                | 0.03        |
| HT-III                      | Airports, Bus Stations and Railway Stations | 1.02              | 2.98                                             | 286.74              | 0.21               | 2.98                                              | 60.12       | 0.04         | 14.94                               | 0.03        |
| HT-IV(A)                    | Irrigation & Agriculture                    | 4.23              | 12.89                                            | 273.25              | 0.88               | 12.89                                             | 56.59       | 0.24         | 77.57                               | 0.03        |
| HT-IV(B)                    | CPWS Schemes                                | 17.32             | 50.06                                            | 288.42              | 3.64               | 50.06                                             | 60.56       | 0.86         | 309.67                              | 0.03        |
| HT-VA                       | Railway Traction                            | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                              | NA          | 0.00         | 0.00                                | NA          |
| HT-VB                       | HMR                                         | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                              | NA          | 0.00         | 0.00                                | NA          |
| HT-VI                       | Townships and Residential Colonies          | 22.10             | 83.95                                            | 219.36              | 4.28               | 83.95                                             | 42.50       | 1.76         | 388.11                              | 0.05        |
| HT-VII                      | Temporary Supply                            | 18.03             | 68.51                                            | 219.35              | 3.49               | 68.51                                             | 42.50       | 1.71         | 375.96                              | 0.05        |
| HT-VIII                     | RESCOs                                      | 79.55             | 180.62                                           | 367.02              | 17.58              | 180.62                                            | 81.11       | 1.36         | 1,107.10                            | 0.01        |
| HT-IX                       | EV Charging Stations                        | 2.89              | 11.15                                            | 216.21              | 0.56               | 11.15                                             | 41.67       | 0.28         | 60.97                               | 0.05        |
| <b>HT Category at 33 kV</b> |                                             |                   |                                                  |                     |                    |                                                   |             | NA           |                                     |             |
| HT-I                        | Industry                                    | 113.85            | 1,353.38                                         | 70.10               | 75.35              | 1,353.38                                          | 46.40       | 35.11        | 8,121.48                            | 0.04        |
| HT-I(B)                     | Ferro Alloys                                | 0.65              | 4.74                                             | 114.63              | 0.48               | 4.74                                              | 85.23       | 0.05         | 38.09                               | 0.01        |
| HT-II(A)                    | Others (Commercial)                         | 28.37             | 342.12                                           | 69.11               | 18.69              | 342.12                                            | 45.54       | 8.55         | 1,941.05                            | 0.04        |
| HT-II(B)                    | Wholly Religious Places                     | 0.05              | 0.57                                             | 68.72               | 0.03               | 0.57                                              | 45.19       | 0.02         | 4.64                                | 0.04        |
| HT-III                      | Airports, Bus Stations and Railway Stations | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                              | NA          | 0.00         | 0.00                                | NA          |
| HT-IV(A)                    | Irrigation & Agriculture                    | 1.95              | 19.56                                            | 82.97               | 1.35               | 19.56                                             | 57.62       | 0.33         | 108.42                              | 0.03        |



| Consumer Category                      |                                             | Distribution Cost |                                                  |                     | Retail Supply Cost |                                                   |              |               |                                     |             |
|----------------------------------------|---------------------------------------------|-------------------|--------------------------------------------------|---------------------|--------------------|---------------------------------------------------|--------------|---------------|-------------------------------------|-------------|
|                                        |                                             | Demand            |                                                  |                     | Demand             |                                                   |              | Energy        |                                     |             |
|                                        |                                             | Cost              | Rate Basis -<br>Contracts/ NCP G-<br>T interface | CoS                 | Cost               | Rate Basis-<br>Contracts/<br>NCP G-T<br>interface | CoS          | Cost          | Recovery<br>Basis - Energy<br>Sales | CoS         |
|                                        |                                             | Rs.<br>Crore      | MW                                               | Rs. /kVA<br>/ Month | Rs.<br>Crore       | MU                                                | Rs.<br>/kWh  | Rs.<br>Crore  | MU                                  | Rs.<br>/kWh |
| HT-IV(B)                               | CPWS Schemes                                | 12.19             | 113.25                                           | 89.68               | 8.63               | 113.25                                            | 63.47        | 1.73          | 674.93                              | 0.03        |
| HT-V(A)                                | Railway Traction                            | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                              | NA           | 0.00          | 0.00                                | NA          |
| HT-VB                                  | HMR                                         | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                              | NA           | 0.00          | 0.00                                | NA          |
| HT-VI                                  | Townships and Residential Colonies          | 4.63              | 51.38                                            | 75.13               | 3.13               | 51.38                                             | 50.78        | 0.97          | 249.11                              | 0.04        |
| HT-VII                                 | Temporary Supply                            | 0.61              | 6.55                                             | 76.92               | 0.41               | 6.55                                              | 52.35        | 0.15          | 38.78                               | 0.04        |
| HT-VIII                                | RESCOs                                      | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                              | NA           | 0.00          | 0.00                                | NA          |
| HT-IX                                  | EV Charging Stations                        | 0.95              | 7.31                                             | 108.25              | 0.70               | 7.31                                              | 79.66        | 0.09          | 57.71                               | 0.02        |
| <b>HT Category at 132 kV and above</b> |                                             |                   |                                                  |                     |                    |                                                   |              | NA            |                                     |             |
| HT-I                                   | Industry                                    | 0.00              | 859.79                                           | 0.00                | 54.12              | 859.79                                            | 52.45        | 22.23         | 5,690.82                            | 0.04        |
| HT-I(B)                                | Ferro Alloys                                | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                              | NA           | 0.00          | 0.00                                | NA          |
| HT-II(A)                               | Others (Commercial)                         | 0.00              | 100.34                                           | 0.00                | 5.74               | 100.34                                            | 47.70        | 2.22          | 521.95                              | 0.04        |
| HT-II(B)                               | Wholly Religious Places                     | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                              | NA           | 0.00          | 0.00                                | NA          |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 0.00              | 28.02                                            | 0.00                | 1.59               | 28.02                                             | 47.32        | 0.74          | 172.64                              | 0.04        |
| HT-IV(A)                               | Irrigation & Agriculture                    | 0.00              | 608.22                                           | 0.00                | 44.68              | 608.22                                            | 61.22        | 11.74         | 3,805.45                            | 0.03        |
| HT-IV(B)                               | CPWS                                        | 0.00              | 58.54                                            | 0.00                | 3.54               | 58.54                                             | 50.42        | 1.38          | 345.27                              | 0.04        |
| HT-VA                                  | Railway Traction                            | 0.00              | 221.88                                           | 0.00                | 16.80              | 221.88                                            | 63.09        | 3.65          | 1,338.99                            | 0.03        |
| HT-VB                                  | HMR                                         | 0.00              | 23.42                                            | 0.00                | 1.33               | 23.42                                             | 47.32        | 0.54          | 126.10                              | 0.04        |
| HT-VI                                  | Townships and Residential Colonies          | 0.00              | 6.97                                             | 0.00                | 0.74               | 6.97                                              | 88.72        | 0.07          | 59.57                               | 0.01        |
| HT-VII                                 | Temporary Supply                            | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                              | NA           | 0.00          | 0.00                                | NA          |
| HT-VIII                                | RESCOs                                      | 0.00              | 0.00                                             | NA                  | 0.00               | 0.00                                              | NA           | 0.00          | 0.00                                | NA          |
| HT-IX                                  | EV Charging Stations                        | 0.00              | 0.20                                             | 0.00                | 0.01               | 0.20                                              | 47.32        | 0.01          | 1.27                                | 0.04        |
| <b>Grand Total</b>                     |                                             | <b>9,099.92</b>   | <b>16,266.26</b>                                 | <b>466.20</b>       | <b>979.91</b>      | <b>16,266.26</b>                                  | <b>50.20</b> | <b>315.24</b> | <b>85,027.20</b>                    | <b>0.04</b> |

| Consumer Category           |                                             | Cost Allocation |            |            |            |            |            | Cost Allocation |           | Total Cost | Sales     | CoS      |
|-----------------------------|---------------------------------------------|-----------------|------------|------------|------------|------------|------------|-----------------|-----------|------------|-----------|----------|
|                             |                                             | Demand - G      | Demand - T | Demand - D | Demand - R | Energy - G | Energy - R | Demand          | Energy    |            |           |          |
|                             |                                             | Rs. Crore       | Rs. Crore  | Rs. Crore  | Rs. Crore  | Rs. Crore  | Rs. Crore  | Rs. Crore       | Rs. Crore | Rs. Crore  | MU        | Rs. /kWh |
| <b>LT Category</b>          |                                             |                 |            |            |            |            |            |                 |           |            |           |          |
| I (A&B)                     | Domestic                                    | 4,050.30        | 1,093.33   | 2,731.33   | 199.59     | 6,894.69   | 71.42      | 8,074.54        | 6,966.12  | 15,040.66  | 18,580.30 | 8.09     |
| II (A, B & C)               | Non-Domestic /Commercial/ Others            | 1,411.11        | 371.61     | 905.35     | 65.10      | 2,152.54   | 24.00      | 2,753.17        | 2,176.54  | 4,929.71   | 5,820.71  | 8.47     |
| LT-III                      | Industrial                                  | 316.07          | 81.97      | 197.11     | 14.05      | 474.81     | 5.32       | 609.20          | 480.13    | 1,089.33   | 1,284.28  | 8.48     |
| LT-IV                       | Cottage Industries                          | 5.08            | 1.31       | 3.56       | 0.27       | 6.75       | 0.06       | 10.23           | 6.81      | 17.04      | 18.03     | 9.45     |
| LT-V                        | Agricultural                                | 6,022.83        | 1,588.20   | 4,192.36   | 316.67     | 8,662.32   | 76.89      | 12,120.06       | 8,739.21  | 20,859.26  | 23,193.60 | 8.99     |
| LT-VI                       | Street Lighting & PWS                       | 226.38          | 72.30      | 196.47     | 15.08      | 337.84     | 2.96       | 510.24          | 340.80    | 851.04     | 904.15    | 9.41     |
| LT-VII                      | General Purpose                             | 52.54           | 16.96      | 46.50      | 3.59       | 82.20      | 0.72       | 119.58          | 82.91     | 202.50     | 219.92    | 9.21     |
| LT-VIII                     | Temporary Supply                            | 53.59           | 14.88      | 35.40      | 2.50       | 84.69      | 1.04       | 106.37          | 85.73     | 192.10     | 230.10    | 8.35     |
| LT-IX                       | EV Charging Stations                        | 10.34           | 2.47       | 7.12       | 0.56       | 18.76      | 0.12       | 20.49           | 18.88     | 39.37      | 49.67     | 7.93     |
| <b>HT Category at 11 kV</b> |                                             |                 |            |            |            |            |            |                 |           |            |           |          |
| HT-I                        | Industry                                    | 1,340.14        | 345.30     | 325.04     | 64.72      | 2,138.51   | 23.90      | 2,075.20        | 2,162.41  | 4,237.61   | 6,062.31  | 6.99     |
| HT-I(B)                     | Ferro Alloys                                | 0.32            | 0.08       | 0.07       | 0.01       | 0.35       | 0.00       | 0.49            | 0.35      | 0.84       | 0.99      | 8.46     |
| HT-II(A)                    | Others (Commercial)                         | 621.06          | 164.94     | 151.21     | 29.76      | 1,064.77   | 12.98      | 966.97          | 1,077.74  | 2,044.71   | 3,031.65  | 6.74     |
| HT-II(B)                    | Wholly Religious Places                     | 0.06            | 0.02       | 0.01       | 0.00       | 0.31       | 0.00       | 0.09            | 0.31      | 0.41       | 0.87      | 4.68     |
| HT-III                      | Airports, Bus Stations and Railway Stations | 3.80            | 0.96       | 1.02       | 0.21       | 5.35       | 0.04       | 5.99            | 5.39      | 11.38      | 14.94     | 7.62     |
| HT-IV(A)                    | Irrigation & Agriculture                    | 16.14           | 4.08       | 4.23       | 0.88       | 27.66      | 0.24       | 25.32           | 27.90     | 53.22      | 77.57     | 6.86     |
| HT-IV(B)                    | CPWS Schemes                                | 64.49           | 16.09      | 17.32      | 3.64       | 110.89     | 0.86       | 101.54          | 111.75    | 213.29     | 309.67    | 6.89     |
| HT-VA                       | Railway Traction                            | 0.00            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00            | 0.00      | 0.00       | 0.00      | 0.00     |
| HT-VB                       | HMR                                         | 0.00            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00            | 0.00      | 0.00       | 0.00      | 0.00     |
| HT-VI                       | Townships and Residential Colonies          | 93.16           | 24.94      | 22.10      | 4.28       | 135.84     | 1.76       | 144.48          | 137.61    | 282.09     | 388.11    | 7.27     |
| HT-VII                      | Temporary Supply                            | 76.94           | 20.35      | 18.03      | 3.49       | 131.60     | 1.71       | 118.83          | 133.31    | 252.14     | 375.96    | 6.71     |
| HT-VIII                     | RESCOs                                      | 238.19          | 63.08      | 79.55      | 17.58      | 404.20     | 1.36       | 398.40          | 405.55    | 803.95     | 1,107.10  | 7.26     |
| HT-IX                       | EV Charging Stations                        | 12.45           | 3.30       | 2.89       | 0.56       | 21.32      | 0.28       | 19.20           | 21.60     | 40.80      | 60.97     | 6.69     |
| <b>HT Category at 33 kV</b> |                                             |                 |            |            |            |            |            |                 |           |            |           |          |
| HT-I                        | Industry                                    | 1,524.14        | 402.75     | 113.85     | 75.35      | 2,730.46   | 35.11      | 2,116.09        | 2,765.58  | 4,881.67   | 8,121.48  | 6.01     |
| HT-I(B)                     | Ferro Alloys                                | 7.11            | 1.65       | 0.65       | 0.48       | 13.39      | 0.05       | 9.91            | 13.44     | 23.34      | 38.09     | 6.13     |
| HT-II(A)                    | Others (Commercial)                         | 382.00          | 101.42     | 28.37      | 18.69      | 651.81     | 8.55       | 530.49          | 660.36    | 1,190.85   | 1,941.05  | 6.14     |
| HT-II(B)                    | Wholly Religious Places                     | 0.63            | 0.17       | 0.05       | 0.03       | 1.56       | 0.02       | 0.88            | 1.58      | 2.46       | 4.64      | 5.30     |
| HT-III                      | Airports, Bus Stations and Railway Stations | 0.00            | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00            | 0.00      | 0.00       | 0.00      | 0.00     |
| HT-IV(A)                    | Irrigation & Agriculture                    | 23.70           | 6.11       | 1.95       | 1.35       | 37.12      | 0.33       | 33.12           | 37.45     | 70.57      | 108.42    | 6.51     |



| Consumer Category                      |                                             | Cost Allocation  |                 |                 |               |                  |               | Cost Allocation  |                  | Total Cost       | Sales            | CoS         |
|----------------------------------------|---------------------------------------------|------------------|-----------------|-----------------|---------------|------------------|---------------|------------------|------------------|------------------|------------------|-------------|
|                                        |                                             | Demand - G       | Demand - T      | Demand - D      | Demand - R    | Energy - G       | Energy - R    | Demand           | Energy           |                  |                  |             |
|                                        |                                             | Rs. Crore        | Rs. Crore       | Rs. Crore       | Rs. Crore     | Rs. Crore        | Rs. Crore     | Rs. Crore        | Rs. Crore        | Rs. Crore        | MU               | Rs. /kWh    |
| HT-IV(B)                               | CPWS Schemes                                | 142.30           | 36.27           | 12.19           | 8.63          | 232.76           | 1.73          | 199.39           | 234.49           | 433.88           | 674.93           | 6.43        |
| HT-V(A)                                | Railway Traction                            | 0.00             | 0.00            | 0.00            | 0.00          | 0.00             | 0.00          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00        |
| HT-VB                                  | HMR                                         | 0.00             | 0.00            | 0.00            | 0.00          | 0.00             | 0.00          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00        |
| HT-VI                                  | Townships and Residential Colonies          | 58.18            | 15.59           | 4.63            | 3.13          | 84.29            | 0.97          | 81.53            | 85.26            | 166.79           | 249.11           | 6.70        |
| HT-VII                                 | Temporary Supply                            | 7.66             | 2.00            | 0.61            | 0.41          | 13.13            | 0.15          | 10.68            | 13.28            | 23.96            | 38.78            | 6.18        |
| HT-VIII                                | RESCOs                                      | 0.00             | 0.00            | 0.00            | 0.00          | 0.00             | 0.00          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00        |
| HT-IX                                  | EV Charging Stations                        | 10.90            | 2.50            | 0.95            | 0.70          | 20.20            | 0.09          | 15.05            | 20.28            | 35.33            | 57.71            | 6.12        |
| <b>HT Category at 132 kV and above</b> |                                             |                  |                 |                 |               |                  |               |                  |                  |                  |                  |             |
| HT-I                                   | Industry                                    | 981.86           | 260.17          | 0.00            | 54.12         | 1,861.55         | 22.23         | 1,296.15         | 1,883.78         | 3,179.93         | 5,690.82         | 5.59        |
| HT-I(B)                                | Ferro Alloys                                | 0.00             | 0.00            | 0.00            | 0.00          | 0.00             | 0.00          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00        |
| HT-II(A)                               | Others (Commercial)                         | 112.38           | 29.75           | 0.00            | 5.74          | 169.82           | 2.22          | 147.88           | 172.03           | 319.91           | 521.95           | 6.13        |
| HT-II(B)                               | Wholly Religious Places                     | 0.00             | 0.00            | 0.00            | 0.00          | 0.00             | 0.00          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00        |
| HT-III                                 | Airports, Bus Stations and Railway Stations | 31.27            | 8.29            | 0.00            | 1.59          | 56.13            | 0.74          | 41.15            | 56.87            | 98.02            | 172.64           | 5.68        |
| HT-IV(A)                               | Irrigation & Agriculture                    | 723.94           | 190.90          | 0.00            | 44.68         | 1,260.87         | 11.74         | 959.52           | 1,272.61         | 2,232.13         | 3,805.45         | 5.87        |
| HT-IV(B)                               | CPWS                                        | 66.30            | 17.56           | 0.00            | 3.54          | 112.76           | 1.38          | 87.40            | 114.14           | 201.55           | 345.27           | 5.84        |
| HT-VA                                  | Railway Traction                            | 280.99           | 70.18           | 0.00            | 16.80         | 446.13           | 3.65          | 367.96           | 449.78           | 817.74           | 1,338.99         | 6.11        |
| HT-VB                                  | HMR                                         | 26.13            | 6.93            | 0.00            | 1.33          | 41.00            | 0.54          | 34.39            | 41.54            | 75.93            | 126.10           | 6.02        |
| HT-VI                                  | Townships and Residential Colonies          | 10.93            | 2.43            | 0.00            | 0.74          | 20.33            | 0.07          | 14.11            | 20.40            | 34.50            | 59.57            | 5.79        |
| HT-VII                                 | Temporary Supply                            | 0.00             | 0.00            | 0.00            | 0.00          | 0.00             | 0.00          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00        |
| HT-VIII                                | RESCOs                                      | 0.00             | 0.00            | 0.00            | 0.00          | 0.00             | 0.00          | 0.00             | 0.00             | 0.00             | 0.00             | 0.00        |
| HT-IX                                  | EV Charging Stations                        | 0.23             | 0.06            | 0.00            | 0.01          | 0.41             | 0.01          | 0.30             | 0.42             | 0.72             | 1.27             | 5.67        |
| <b>Grand Total</b>                     |                                             | <b>19,005.66</b> | <b>5,040.90</b> | <b>9,099.92</b> | <b>979.91</b> | <b>30,509.09</b> | <b>315.24</b> | <b>34,126.40</b> | <b>30,824.33</b> | <b>64,950.72</b> | <b>85,027.20</b> | <b>7.64</b> |