

**POWER DEVELOPMENT
IN
ANDHRA PRADESH
(STATISTICS)**

2023-24



**TRANSMISSION CORPORATION OF
ANDHRA PRADESH LIMITED**



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FOREWORD

APTRANSCO is happy to bring out its statistical treatise “**Power Development in Andhra Pradesh (Statistics) 2023-24**”. It is the Twenty Fourth- edition published post power sector reforms in Andhra Pradesh and Tenth edition published after bifurcation of Andhra Pradesh.

After state bifurcation, APTRANSCO and DISCOMs have shown significant improvement in reduction of T&D losses, Expansion of T&D network and increase in Reliability and Quality of Power supply.

This book presents the detailed Statistical account of all the facets of achievements and the changes undergone by the State Power Utilities in A.P., over the years.

This edition of “Power Development in Andhra Pradesh (Statistics) 2023-24” is prepared with the intention to be of use to the concerned people in the power sector and for those interested in.

Comments / suggestions for inclusions / improvements in the publication are most welcome, to make it most useful for the interested ones.

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1. SALIENT FEATURES

SALIENT FEATURES OF APTRANSCO, APGENCO, and DISCOMs as on 31.03.2024

| S.No. | Item | Unit | As on 31-03-2023 | Achievement in 2023-24 | As on 31-03-2024 |
|-----------|--|-------------|------------------|------------------------|------------------|
| 1. | INSTALLED CAPACITY (AP Share) | | | | |
| a) | State Sector | | | | |
| 1 | Thermal | MW | 3410.000 | 800.00 | 4210.000 |
| 2 | Hydel | MW | 1773.600 | 0.00 | 1773.600 |
| 3 | Solar | MW | 405.426 | 0.00 | 405.426 |
| 4 | AP Power Development Corp.Ltd | MW | 2240.000 | 0.00 | 2240.000 |
| 5 | GGPP(Jegurupadu (GVK)) | MW | 216.000 | 0.00 | 216.000 |
| | TOTAL STATE SECTOR | MW | 8045.026 | 800.00 | 8845.026 |
| b) | Private Sector | | | | |
| 1 | IPPs | MW | 2586.320 | 0.000 | 2586.320 |
| 2 | Small Hydro | MW | 28.550 | (4.000) | 24.550 |
| 3 | Wind | MW | 3638.950 | 0.000 | 3638.950 |
| 4 | Co-Generation (Biomass+ Biomass Co-generation & Bagasse Co-generation) | MW | 146.000 | (68.500) | 77.500 |
| 5 | Others (Municipal waste+Industrial waste) | MW | 57.810 | (6.000) | 51.810 |
| 6 | Solar | MW | 3350.200 | 0.000 | 3350.200 |
| | TOTAL PRIVATE SECTOR | MW | 9807.830 | (78.500) | 9729.330 |
| d) | Share from Central Sector | | | | |
| 1 | N.T.P.C Ramagundam -(1-6) | MW | 289.077 | (1.897) | 287.180 |
| 2 | N.T.P.C Ramagundam -7 | MW | 72.572 | (0.462) | 72.110 |
| 3 | N.T.P.C.Talcher Stage II (Units 3,4,5&6) | MW | 181.103 | (0.713) | 180.390 |
| 4 | Simhadri TPS (NTPC) -Stg 1 | MW | 461.100 | 0.000 | 461.100 |
| 5 | Simhadri TPS (NTPC) -Stg 2 | MW | 216.783 | (0.433) | 216.350 |
| 6 | Neyveli (Tamilnadu)stage-I | MW | 46.797 | 0.083 | 46.880 |
| 7 | Neyveli (Tamilnadu)stage-II | MW | 85.721 | 0.109 | 85.830 |
| 8 | Vallur Stage 1,2 & 3 | MW | 86.288 | 0.162 | 86.450 |
| 9 | Tuticorin , Tamilnadu | MW | 121.449 | 0.171 | 121.620 |
| 10 | M.A.P.P (Tamilnadu) | MW | 18.136 | 0.024 | 18.160 |
| 11 | Kaiga Nuclear power plant I & II | MW | 55.287 | 0.093 | 55.380 |
| 12 | Kaiga Nuclear power plant III & IV | MW | 58.977 | 0.093 | 59.070 |
| 13 | Kudankulam Unit1 | MW | 1.710 | 0.070 | 1.780 |
| 14 | NTPC (Kudgi) | MW | 226.209 | (2.209) | 224.000 |
| 15 | New Neyveli Thermal power station (NNTPS) | MW | 52.699 | 0.011 | 52.710 |
| 16 | NLC TPS-I EXP | MW | 2.155 | 0.085 | 2.240 |
| 17 | NLC TPS-II EXP | MW | 2.565 | 0.105 | 2.670 |
| 18 | Telangana STPP- Unit 1 | 1x800 | 0.000 | 15.34 | 15.340 |
| | TOTAL SHARE FROM CENTRAL SECT | MW | 1978.628 | 10.632 | 1989.260 |
| | Grand Total (State + Private + Central) | MW | 19831.484 | 732.132 | 20563.616 |
| 2. | Length of Lines | | | | |
| a) | 400 KV | Ckm | 5483.21 | 6.61 | 5489.821 |
| b) | 220 KV | Ckm | 12307.24 | 697.62 | 13004.86 |
| c) | 132 KV | Ckm | 13875.01 | 207.79 | 14082.80 |
| d) | 33 KV | km | 29539.54 | 1025.97 | 30565.51 |
| e) | 11 KV | km | 290994.64 | 11535.14 | 302529.78 |
| f) | L.T. | km | 320972.60 | 12804.85 | 333777.44 |
| 3. | Sub-Stations : | | | | |
| a) | 400 KV | Nos. | 17 | 0 | 17 |
| b) | 220 KV | Nos. | 106 | 3 | 109 |
| c) | 132 KV | Nos. | 237 | 4 | 241 |
| d) | 33 KV | Nos. | 3340 | 192 | 3532 |
| | TOTAL | Nos. | 3700 | 199 | 3899 |
| 4. | Distribution Transformers | | | | |
| | | Nos. | 1269069 | 71816 | 1340885 |

SALIENT FEATURES OF APTRANSCO, APGENCO, and DISCOMs as on 31.03.2024

| S.No. | Item | Unit | As on 31-03-2023 (Provl) | As on 31-03-2024 (Provl) |
|------------|---|------|--------------------------------|--------------------------------|
| 5. | Electrification of Towns, Villages, Hamlets, etc. (As per 2011 Census) | | | |
| | EXISTING | | | |
| a) | Towns | Nos. | 195 | 195 |
| | | % | 100% | 100% |
| b) | Villages | Nos. | 16158 | 16158 |
| | | % | 100% | 100% |
| c) | Hamlets | Nos. | 30103 | 30103 |
| | | % | 100% | 100% |
| d) | Dalitwadas | Nos. | 35253 | 35253 |
| | | % | 100% | 100% |
| e) | Weaker Section Colonies | Nos. | 21332 | 21332 |
| | | % | 100% | 100% |
| f) | Tribal Hamlets/ Habitations | Nos. | 8267 | 8267 |
| | | % | 100% | 100% |
| 6. | Consumers served * | | | |
| A) | L.T.Category | | | |
| a) | Domestic -I | Nos. | 15848818 | 16411612 |
| b) | Non-domestic/Commercial-II | Nos. | 1788772 | 1878863 |
| c) | Industrial -III | Nos. | 104461 | 106170 |
| d) | Institutional -IV | Nos. | 371019 | 392955 |
| e) | Agricultural -V | Nos. | 2098939 | 2167359 |
| | L.T.Total (a to h) | Nos. | 20212009 | 20956959 |
| B) | H.T.Total | | | |
| | Grand Total (A+B) | Nos. | 20227189 | 20972965 |
| 7. | Connected Load | | | |
| A) | L.T.Category | | | |
| a) | Domestic -I | MW | 17634.71 | 19009.72 |
| b) | Non-domestic/Commercial-II | MW | 6109.37 | 6544.39 |
| c) | Industrial -III | MW | 3309.23 | 2958.00 |
| d) | Institutional -IV | MW | 1967.56 | 2038.92 |
| e) | Agricultural (Including RESCOs) -V | MW | 16826.09 | 16000.83 |
| | L.T.Total (a to h) | MW | 45846.96 | 46551.85 |
| B) | H.T.Total | | | |
| | Grand Total (A+B) | MW | 55755.11 | 56492.36 |
| | | | During 2022-23 | During 2023-24 |
| 8 | Energy from APGENCO | | | |
| | 1. Thermal | MU | 24643.48 | 29769.59 |
| | 2. Hydel | MU | 4216.76 | 1946.51 |
| | TOTAL | MU | 28860.24 | 31716.10 |
| 8.a | Energy from others | | | |
| | Total Energy (8+8.a) | MU | 72465.48 | 81292.57 |

SALIENT FEATURES OF APTRANSCO, APGENCO, and DISCOMs as on 31.03.2024

| 9 | Energy Sales category-wise: | | During 2022-23 | During 2023-24 |
|-----------|---|------------|-----------------------|-----------------------|
| A) | L.T.Category | | | |
| a) | Domestic -I | MU | 17318.86 | 18595.26 |
| b) | Non-domestic/Commercial-II | MU | 3437.53 | 3822.34 |
| c) | Industrial -III | MU | 1514.66 | 1464.31 |
| d) | Institutional -IV | MU | 1575.01 | 5722.70 |
| e) | Agricultural (LIS,Aqua, Poultry etc.) -V | MU | 13843.34 | 13862.93 |
| | L.T.Total | MU | 37689.39 | 43467.54 |
| B) | H.T.Category | | | |
| a) | Domestic -I (Town ships & Colonies) | MU | 60.99 | 73.54 |
| b) | Non-domestic/Commercial-II | MU | 1828.45 | 2103.05 |
| c) | General Industrial -III | MU | 20006.27 | 21186.15 |
| d) | Institutional -IV (Religious, Railway,PWS) | MU | 2752.03 | 2989.96 |
| e) | Agricultural (LIS,Aqua, Poultry etc.) -V | MU | 1051.78 | 1385.11 |
| f) | RESCOs | MU | 435.93 | 517.03 |
| B) | H.T.Total | MU | 26135.45 | 28254.84 |
| C) | Total (L.T + H.T) | MU | 63824.84294 | 71722.38 |
| 10 | Total Sales by Discoms including wheeling | MU | 64917.77 | 64917.77 |
| 11 | Transmission losses | % | 2.61 | 2.69 |
| 12 | Distribution losses | % | 7.12 | 7.23 |
| 13 | T & D Losses | % | 9.39 | 9.59 |
| 14 | Maximum demand during the year | MW | 12293 (08/04/2022) | 13255 (07/03/2024) |
| 15 | Max. grid consumption during the Year | MU | 234.15 01/04/2022 | 263.24 16/06/2023 |
| 16 | Revenue | | | |
| a) | By sale of Power | Rs. Crores | 44780.46 | 49503.20 |
| b) | By sale of Power-inter state | Rs. Crores | 850.05 | 1206.27 |
| c) | Transmission,SLDC/Miscellaneous/Others | Rs. Crores | 7378.87 | 7356.30 |
| d) | Subsidy/Grants | Rs. Crores | 8677.36 | 14996.55 |
| | Total (a+b+c+d) | Rs. Crores | 61686.74 | 73062.32 |
| 17 | Capital Expenditure (TRANSCO) | Rs. Crores | 752.78 | 993.78 |

* Figures were reconciled

2. POWER DEVELOPMENT – PLAN WISE

2.1 PROGRESS UNDER FIVE YEAR PLANS - GENERATION

| S. No. | Plan Period | Capacity Added In the Plan period (MW) | | | Total Capacity Added (MW) | Generation (MU) | Peak Demand (MW) | consumers served (Lakhs) |
|--------|----------------------------|--|-----------------|------------------|---------------------------|-----------------|------------------|--------------------------|
| | | APGENCO & A.P.G.P.C.L | Central | Others | | | | |
| 1 | Pre-Plan | 43.10 | - | - | 43.10 | 104 | 22.6 | 0.30 |
| 2 | 1st Plan (1951-56) | 55.80 | - | - | 98.90 | 239 | 54.6 | 1.19 |
| 3 | 2nd Plan (1956-61) | 114.10 | - | - | 213.00 | 784 | 190 | 1.21 |
| 4 | 3rd Plan (1961-66) | 77.60 | - | - | 290.60 | 1399 | 258 | 2.55 |
| 5 | 3 Annual Plans (1966-69) | 323.00 | - | - | 613.60 | 2277 | 440 | 3.02 |
| 6 | 4th Plan (1969-74) | 58.00 | - | - | 671.60 | 3106 | 652 | 5.94 |
| 7 | 5th Plan (1974-78) | 895.00 | - | - | 1566.60 | 5148 | 970 | 2.21 |
| 8 | 2 Annual Plans (1978-80) | 392.00 | - | - | 1958.60 | 6493 | 1055 | 5.34 |
| 9 | 6th Plan (1980-85) | 1205.30 | 162.00 | - | 3325.90 | 50151 | 2158 | 13.95 |
| 10 | 7th Plan (1985-90) | 669.81 | 555.00 | - | 4550.71 | 69314 | 3070 | 28.36 |
| 11 | 2 Annual plans (1990 - 92) | 341.00 | 90.00 | - | 4981.71 | 36361 | 7168 | 9.91 |
| 12 | 8th Plan (1992-97) | 1408.00 | 90.00 | 289.19 | 6768.90 | 104128 | 5022 | 24.37 |
| 13 | 9th Plan (1997-02) | 626.00 | 603.00 | 1058.00 | 9055.90 | 140085 | 7143 | 47.49 |
| 14 | 10th Plan (2002-03) | 460.00 | 606.25 | 206.70 | 1272.95 | | 6895 | 6.39 |
| 15 | 10th Plan (2003-04) | 164.15 | 106.25 | 96.33 | 366.73 | 0 | 7441 | 9.68 |
| 16 | 10th plan (2004-05) | 20.00 | 358.50 | 31.65 | 410.15 | | 7613 | 7.71 |
| 17 | 10th plan (2005-06) | -30.00 | 45.94 | 29.54 | 45.48 | | 8239 | 7.74 |
| 18 | 10th plan (2006-07) | 210.00 | 237.75 | 397.37 | 845.12 | | 8641 | 10.56 |
| 19 | 10th plan(2002-07) | 824.15 | 1354.69 | 761.59 | 2940.43 | | 8641 | 42.08 |
| 20 | 11th plan (2007-08) | 249.00 | 108.53 | 27.75 | 385.28 | | 9162 | 10.95 |
| Sl.No | As on | APGENCO & A.P.G.P.C.L and APTRIPCO | Central | Others | Total Capacity (MW) | | Peak Demand (MW) | Consumers Served |
| 22 | As on 31.03.2009 | 7320.86 | 2963.22 | 2143.17 | 12427.25 | | 9997 | 206.81 |
| 23 | As on 31.03.2010 | 8359.86 | 3048.54 | 3217.12 | 14625.52 | | 10880 | 218.27 |
| 24 | As on 31.03.2011 | 8656.86 | 2882.68 | 3463.50 | 15003.04 | | 11829 | 229.54 |
| 25 | As on 31.03.2012 | 9198.06 | 3116.54 | 3561.89 | 15876.49 | | 11972 | 240.82 |
| 26 | As on 31.03.2013 | 9198.06 | 3428.97 | 3762.27 | 16389.30 | | 11630 | 251.59 |
| 27 | As on 31.03.2014 | 9198.06 | 3501.40 | 4017.87 | 16717.33 | | 13162 | 261.45 |
| 28 | As on 31.03.2015 | 4821.44 * | 1712.73 | 7816.27 | 9529.00 | | 6784 | 156.19 |
| 29 | As on 31.03.2016 | 5621.44* | 1795.95 | 5026.17 | 12443.56 | | 7391 | 162.99 |
| 30 | As on 31.03.2017 | 5674.87* | 1750.85 | 8450.70 | 15876.42 | | 7965 | 171.82 |
| 31 | As on 31.03.2018 | 6813.026** | 2330.55 | 8434.83 | 17578.41 | | 8983 | 178.21 |
| 32 | As on 31.03.2019 | 7429.85 | 2403.16 | 8644.19 | 18477.20 | | 9453 | 185.06 |
| 33 | As on 31.03.2020 | 7429.85 | 2529.81 | 9670.47 | 19630.126 | | 10207 | 187.05 |
| 34 | As on 31.03.2021 | 7269.85 | 1980.63 | 8483.48 | 17733.956 | | 11193 | 193.46 |
| 35 | As on 31.03.2022 | 7062.420 | 1980.510 | 9549.236 | 18592.166 | | 12032 | 197.54 |
| 36 | As on 31.03.2023 | 7639.600 | 1978.628 | 10213.256 | 19831.484 | | 12293 | 202.27 |
| 37 | As on 31.03.2024 | 8439.600 | 1989.260 | 10134.756 | 20563.616 | | 13255 | 209.73 |

1) In 6th Plan RTS-A (47 MW) and Hyderabad Gas Turbo Sets (20 MW) were dismantled.

2) In 1990-92 100 MW added in Joint Sector, included in APGENCO capacity addition.

3) In 8th Plan 112 MW added in Joint Sector, included in APGENCO capacity addition.

4) In 9th Plan Central share reduced by 12 MW due to deration of Kalpakam(MAPP) from 40 MW to 28 MW

5) In 9th Plan 60 MW added in Joint Sector, included in APGENCO capacity addition.

NOTE :

i) % of Central Share increased

* As per share of residual AP ** share to TS utilities was withdrawn from 11.06.2017

2.2 PROGRESS UNDER FIVE YEAR PLANS - TRANSMISSION AND DISTRIBUTION

| S.No. | Plan Period | As on | NUMBER OF SUB-STATIONS | | | | | | TRANSMISSION Lines in (CKM) AND DISTRIBUTION LINES in (KM) | | | | | | | |
|-------|----------------------------|------------|------------------------|--------|--------|-------|-------|-------|--|---------|---------|-------|-------|--------|--------|--------|
| | | | 400 kV | 220 kV | 132 kV | 66 kV | 33 kV | Total | 400 kV | 220 kV | 132 kV | 66 kV | 33 kV | 11 kV | L.T | Total |
| 1 | End of 2nd Plan (1956-61) | 31.3.1961 | | | 6 | | 65 | 71 | | | - | - | 2883 | 11917 | 13738 | 28538 |
| 2 | 3rd Plan (1961-66) | 31.3.1966 | | | 11 | 35 | 127 | 173 | | | 1872 | 2210 | 4789 | 18680 | 23525 | 51076 |
| 3 | 3 Annual plans (1966-69) | 31.3.1969 | | 2 | 17 | 35 | 143 | 197 | | 637 | 2012 | 2242 | 5274 | 24260 | 33863 | 68288 |
| 4 | 4th Plan (1969-74) | 31.3.1974 | | 6 | 25 | 18 | 248 | 297 | | 1140 | 2848 | 2234 | 6620 | 42879 | 65805 | 121526 |
| 5 | 5th Plan (1974-78) | 31.3.1978 | | 10 | 29 | 20 | 340 | 399 | | 1725 | 3160 | 2091 | 8615 | 53678 | 88886 | 158155 |
| 6 | 2 Annual Plans (1978-80) | 31.3.1980 | | 15 | 42 | 20 | 554 | 631 | | 2437 | 4322 | 2091 | 9178 | 63541 | 107588 | 189157 |
| 7 | 6th Plan (1980-85) | 31.3.1985 | | 19 | 64 | 11 | 781 | 875 | | 4221 | 6642 | 1811 | 15656 | 100943 | 238532 | 367805 |
| 8 | 7th Plan (1985-90) | 31.3.1990 | | 29 | 106 | 10 | 1131 | 1276 | | 5385 | 7769 | 1570 | 19545 | 122903 | 295170 | 452342 |
| 9 | 2 Annual plans (1990 - 92) | 31.3.1992 | | 37 | 123 | 10 | 1250 | 1420 | | 5978 | 8806 | 833 | 21168 | 136553 | 340326 | 513664 |
| 10 | 8th Plan (1992-97) | 31.3.1997 | | 54 | 162 | 4 | 1652 | 1872 | | 7978 | 10524 | 266 | 25811 | 158850 | 426778 | 630207 |
| 11 | 9th Plan (1997-02) ✨ | 31.3.2002 | 3 | 69 | 186 | 0 | 1941 | 2199 | 1301 | 10341 | 12413 | 0 | 30558 | 165564 | 442209 | 662386 |
| 12 | 10th Plan (2002-03) | 31.3.2003 | 3 | 73 | 191 | 0 | 2123 | 2390 | 2033 | 10940 | 12793 | 0 | 32305 | 178321 | 467313 | 703704 |
| 13 | 10th Plan (2003-04) | 31.3.2004 | 3 | 76 | 210 | 0 | 2329 | 2618 | 2033 | 11127 | 13030 | 0 | 32732 | 186988 | 473928 | 719839 |
| 14 | 10th Plan (2004-05) | 31.3.2005 | 3 | 78 | 229 | 0 | 2474 | 2784 | 2033 | 11462 | 13351 | 0 | 33580 | 202547 | 486191 | 749164 |
| 15 | 10th Plan (2005-06) | 31.3.2006 | 7 | 79 | 243 | 0 | 2642 | 2971 | 2686 | 11570 | 13894.6 | 0 | 34856 | 215008 | 504820 | 782835 |
| 16 | 10th Plan (2006-07) | 31.3.2007 | 7 | 82 | 256 | 0 | 2821 | 3166 | 2816 | 11784.3 | 14313.4 | 0 | 35950 | 224688 | 513166 | 802718 |
| | Total 10th Plan | | 4 | 9 | 65 | 0 | 698 | 776 | 783 | 844.177 | 1521 | 0 | 3645 | 46368 | 45853 | 99014 |
| 17 | 11th Plan (2007-08) | 31.3.2008 | 8 | 90 | 264 | 0 | 3023 | 3385 | 2988 | 12236.3 | 14706.1 | 0 | 37206 | 234148 | 517685 | 818969 |
| 18 | 11th Plan (2008-09) | 31.3.2009 | 9 | 93 | 269 | 0 | 3355 | 3726 | 3009 | 12502.6 | 14938.6 | 0 | 38628 | 248670 | 527852 | 845599 |
| 19 | 11th Plan (2009-10) | 31.3.2010 | 9 | 96 | 277 | 0 | 3714 | 4096 | 3172 | 12693.2 | 15103.5 | 0 | 40033 | 260406 | 532656 | 864064 |
| 20 | 11th plan (2010-11) | 31.3.2011 | 10 | 99 | 295 | 0 | 3887 | 4291 | 3307.88 | 12877.7 | 15586.9 | 0 | 40432 | 270167 | 542716 | 885088 |
| 21 | 11th plan (2011-12) | 31.3.2012 | 10 | 109 | 309 | 0 | 4056 | 4484 | 3308 | 13622.6 | 15915.2 | 0 | 41149 | 280159 | 551959 | 906113 |
| | Total 11th Plan | | 2 | 19 | 45 | 0 | 1033 | 1099 | 320 | 1386 | 1209 | 0 | 3943 | 46011 | 34274 | 87144 |
| 22 | 12th plan (2012-13) | 31.3.2013 | 1 | 8 | 5 | 0 | 313 | 327 | 804 | 296 | 345 | 0 | 1314 | 10060 | 7880 | 20698 |
| 23 | 12th plan (2013-14) | 31.3.2014 | 1 | 3 | 17 | | 305 | 326 | 145 | 471 | 382 | 0 | 1467 | 10712 | 6552 | 19728 |
| 24 | 12th plan (2014-15) # | 31.03.2015 | 0 | 0 | 3 | 0 | 109 | 112 | 302 | 243 | 157 | 0 | 512 | 11603 | 12959 | 25775 |
| 25 | 12th plan (2015-16) | 31.03.2016 | 0 | 4 | 12 | 0 | 95 | 111 | 235 | 456 | 328 | 0 | 556 | 7581 | 8213 | 17369 |
| 26 | 12th plan (2016-17) | 31.03.2017 | 4 | 9 | 11 | 0 | 38 | 62 | 715 | 594 | 307 | 0 | 164 | 25620 | 23586 | 50986 |
| 27 | FY 2017-18 | | 1 | 3 | 14 | 0 | 132 | 150 | 955 | 484 | 629 | 0 | 1024 | 8312 | 6475 | 17879 |
| 28 | FY 2018-19 | | 0 | 6 | 7 | 0 | 51 | 64 | 0 | 399 | 517 | 0 | 435 | 9617 | 16634 | 27602 |
| 29 | FY 2019-20 | | 0 | 3 | 7 | 0 | 89 | 99 | 0 | 255 | 198 | 0 | 1032 | 12260 | 8243 | 21988 |
| 30 | FY 2020-21 | | 1 | 1 | 6 | 0 | 63 | 71 | 127 | 75 | 444 | 0 | 673 | 12805 | 4200 | 18324 |
| 31 | FY 2021-22 | | 0 | 3 | 8 | 0 | 40 | 51 | 0 | 110 | 603 | 0 | 894 | 16281 | 2015 | 19904 |
| 32 | FY 2022-23 | | 1 | 3 | 5 | 0 | 54 | 63 | 7 | 125 | 334 | 0 | 464 | 16143 | 16856 | 33929 |
| 33 | FY 2023-24 | | 0 | 3 | 4 | 0 | 192 | 199 | 7 | 698 | 208 | 0 | 1026 | 13439 | 17372 | 32748 |

1) Gooty(20.8.75) and Bommar, Nellore & Shapur Nagar 132 KV SSs (76-77) upgraded to 220 KV

2) In 6th Plan Chandrayanagutta and Sullurpet 132 KV SSs are upgraded to 220 KV.

3) In 7th Plan Miryalaguda, Yeddumailaram, A.P.Carbides, Paloncha, Bhimadole, Ramagundam and Warangal 132 KV SSs are upgraded to 220 KV.

4) In 2 Annual Plans Garividi (90-91) and Kalikiri (91-92) 132 KV SSs are upgraded to 220 KV.

5) In 8th Plan Yerraguntla, Kalwakurthy, Nandyal, Ananthapur, Renigunta, Moulali and Chillakallu 132 KV SSs are upgraded to 220 KV.

6) In 9th Plan Kakinada, Siddipet, Karimnagar(1997-98), Waddekothapally, Nidadavolu(1998-99), Nirmal(1999-2000) 132KV SS's are upgraded to 220 KV Bheemgal, Medchal, Tandur, Minpur(2000-01)), Waddekothapally, Nidadavolu(1998-99), Nirmal(1999-2000) and 220 KV Chinakampally Sw.Stn is converted in to Conventional SS(2000-01)

7) In 9th Plan all lines (400kV to L.T) reconciled.

8) In 2001-02 33kV, 11kV and L.T line lengths are reconciled 9)In 10th plan Ino .Shivarampally SS is upgraded to 220kV SS.

Data for residual AP

2.3 PROGRESS UNDER FIVE YEAR PLANS - RURAL ELECTRIFICATION

(Figures in Nos.)

| S.No. | Plan Period | Period (at the end of) as on | Distribution Transformers | Towns and Villages electrified | Hamlets electrified | Dalitwadadas electrified | Agricultural (pump sets energised) |
|-------|----------------------|------------------------------|---------------------------|--------------------------------|---------------------|--------------------------|------------------------------------|
| 1 | Pre-Plan | 31.3.1951 | -- | 197 | 66 | -- | 620 |
| 2 | 1st Plan | 31.3.1956 | -- | 630 | 133 | -- | 4300 |
| 3 | 2nd Plan | 31.3.1961 | 4667 | 2680 | 685 | -- | 17968 |
| 4 | 3rd Plan | 31.3.1966 | 8741 | 4353 | 1314 | -- | 57225 |
| 5 | 3 Annual Plans | 31.3.1969 | 12363 | 5788 | 1783 | -- | 122321 |
| 6 | 4th Plan | 31.3.1974 | 22549 | 10485 | 4890 | 8146 | 261989 |
| 7 | 5th Plan | 31.3.1978 | 29033 | 14851 | 6000 | 10318 | 318357 |
| 8 | 2 Annual Plans | 31.3.1980 | 34701 | 16659 | 6815 | 13960 | 388292 |
| 9 | 6th Plan | 31.3.1985 | 48724 | 23078 | 9956 | 22477 | 636003 |
| 10 | 7th Plan | 31.3.1990 | 80419 | 27610 | 15904 | 29899 | 1111569 |
| 12 | 2 Annual plans | 31.3.1992 | 101376 | 27610 | 18035 | 33505 | 1273973 |
| 13 | 8th Plan | 31.3.1997 | 148024 | 26829 | 21036 | 39074 | 1821239 |
| 14 | 9th Plan * | 31.3.2002 | 213803 | 26829 | 27849 | 41466 | 2088759 |
| 15 | 10th Plan (2002-03) | 31.3.2003 | 242668 | 26829 | 30302 | 42739 | 2257969 |
| 16 | 10th Plan (2003-04) | 31.3.2004 | 323033 | 26829 | 30557 | 46315 | 2309605 |
| 17 | 10th Plan (2004-05) | 31.3.2005 | 405937 | 26829 | 31253 | 49298 | 2374365 |
| 18 | 10th Plan (2005-06) | 31.3.2006 | 474959 | 26877 | 31593 | 51440 | 2440823 |
| 19 | 10th Plan (2006-07) | 31.3.2007 | 519365 | 26877 | 31617 | 54042 | 2527800 |
| 20 | 11th plan (2007-08) | 31.3.2008 | 580721 | 26823 | 31741 | 55572 | 2599635 |
| 21 | 11th plan (2008-09) | 31.3.2009 | 672426 | 26823 | 31799 | 56156 | 2680671 |
| 22 | 11th plan (2009-10) | 31.3.2010 | 737544 | 26823 | 31838 | 56239 | 2769275 |
| 23 | 11th plan (2010-11) | 31.3.2011 | 811108 | 26823 | 31940 | 56340 | 2909006 |
| 24 | 11th plan (2011-12) | 31.3.2012 | 894581 | 26823 | 32271 | 56408 | 3061914 |
| 25 | 12th plan (2012-13) | 31.3.2013 | 971727 | 26823 | 32271 | 56408 | 3203871 |
| 26 | 12th plan (2013-14) | 31.3.2014 | 1032863 | 26823 | 32271 | 56415 | 3344637 |
| 27 | 12 th plan (2014-15) | # 31.03.2015 | 621171 | 16353 | 28611 | 36309 | 1465528 |
| 28 | 12 th plan (2015-16) | 31.03.2016 | 635055 | 16353 | 28739 | 36312 | 1537888 |
| 29 | 12 th plan (2016-17) | 31.03.2017 | 769642 | 16353 | 29282 | 36312 | 1613291 |
| 30 | FY 2017-18 | 31.03.2018 | 875547 | 16353 | 29287 | 36312 | 1676703 |
| 31 | FY 2018-19 | 31.03.2019 | 949799 | 16353 | 29287 | 36312 | 1763133 |
| 32 | FY 2019-20 | 31.03.2020 | 1020639 | 16353 | 29287 | 36312 | 1828709 |
| 33 | FY 2020-21 | 31.03.2021 | 1128324 | 16353 | 29287 | 36312 | 1903443 |
| 34 | FY 2021-22 | 31.03.2022 | 1199722 | 16353 | 30103 | 35253 | 1974719 |
| 35 | FY 2022-23 | 31.03.2023 | 1269069 | 16353 | 30103 | 35253 | 2098939 |
| 36 | FY 2023-24 | 31.03.2024 | 1340885 | 16353 | 30103 | 35253 | 2167359 |

* As per 2001 Census

From 10th Plan onwards AGL pumpsets includes RESCO services

Figures indicate for residual AP

**Agricultural pump-sets figures were reconciled from FY 2014-15 to 2022-23 on 27.06.2024 with DISCOMs

2.4 PROGRESS UNDER FIVE YEAR PLANS : FIXED ASSETS AND REVENUE

(Rs. in Crores)

| S. No. | Plan | As on | Gross Block Fixed Assets | Accumulated Depreciation | Gross Revenue |
|--|----------------------|------------|--------------------------|--------------------------|---------------|
| 1 | Up to 1961 | 31.03.1961 | 27.95 | - | 6.78 |
| 2 | 3rd Plan | 31.3.1966 | 89.52 | 15.78 | 18.00 |
| 3 | 3 Annual Plans | 31.3.1969 | 163.46 | 29.37 | 29.85 |
| 4 | 4th Plan | 31.3.1974 | 281.23 | 66.59 | 56.70 |
| 5 | 5th Plan | 31.3.1978 | 610.62 | 470.59 | 124.72 |
| 6 | 2 Annual Plans | 31.3.1980 | 819.94 | 185.76 | 174.94 |
| 7 | 6th Plan | 31.3.1985 | 1463.05 | 323.59 | 520.37 |
| 8 | 7th Plan | 31.3.1990 | 2547.39 | 708.53 | 1015.98 |
| 9 | 2 Annual Plans | 31.3.1992 | 6642.72 | 1570.48 | 2935.08 |
| 10 | 8th Plan | 31.3.1997 | 6847.89 | 2143.57 | 4408.94 |
| 11 | 9th Plan | 31.3.2002 | 7622.83 | 2899.84 | 8839.92 |
| 12 | 10th Plan (2002-03) | 31.3.2003 | 8757.32 | 3398.44 | 10088.67 |
| 13 | 10th Plan (2003-04) | 31.3.2004 | 9907.31 | 3968.30 | 10981.24 |
| 14 | 10th Plan (2004-05) | 31.3.2005 | 11298.05 | 4622.70 | 11589.49 |
| 15 | 10th Plan (2005-06) | 31.3.2006 | 13049.24 | 5410.97 | 12361.53 |
| 16 | 10th Plan (2006-07) | 31.3.2007 | 14377.13 | 6285.65 | 13947.03 |
| 17 | 11th Plan (2007-08) | 31.3.2008 | 16865.07 | 7087.73 | 16902.20 |
| 18 | 11th Plan (2008-09) | 31.3.2009 | 18951.80 | 8157.78 | 23069.48 |
| 18 | 11th Plan (2009-10) | 31.3.2010 | 21580.70 | 9378.55 | 24508.64 |
| 19 | 11th plan (2010-11) | 31.3.2011 | 24173.95 | 10749.05 | 28188.55 |
| 20 | 11th plan (2011-12) | 31.3.2012 | 26800.63 | 12282.43 | 34620.43 |
| 21 | 12th plan (2012-13) | 31.3.2013 | 29999.95 | 13957.33 | 35847.47 |
| 22 | 12th plan (2013-14) | 31.3.2014 | 33062.94 | 15807.45 | 39900.26 |
| 23 | 12 th plan (2014-15) | 31.03.2015 | 24929.92 | 9640.16 | 23899.00 |
| 24 | 12 th plan (2015-16) | 31.03.2016 | 30822.05 | 10879.89 | 24875.26 |
| 25 | 12 th plan (2016-17) | 31.03.2017 | 26967.05 | 12280.57 | 26749.09 |
| 26 | FY 2017-18 | 2017-18 | 28600.38 | 11480.38 | 32798.09 |
| 27 | FY 2018-19 | 2018-19 | 33792.97 | 13301.12 | 37566.15 |
| 28 | FY 2019-20 | 2019-20 | 37786.20 | 15453.69 | 42938.44 |
| 29 | FY2020-21 | 2020-21 | 41294.87 | 17629.12 | 47642.07 |
| 30 | FY2021-22 | 2021-22 | 44375.77 | 19897.56 | 48370.09 |
| 31 | FY2022-23 | 2022-23 | 49226.04 | 22360.83 | 61200.13 |
| 32 | FY2023-24 | 2023-24 | 55261.91 | 25142.04 | 70510.29 |
| * From 1999-2000 ,A.P.TRANSOCO + DISCOMS | | | | | |

2.5 OUTLAY ON POWER DEVELOPMENT IN A.P

(Rs. Crores)

| S.No. | Plan | Period | Transmission | Distribution | Rural Electrification | Others @ | Board's Plan Expr. | Additionality | Outside Plan | Total Board Expr. | State Plan Expenditure | % of Board's Plan Expr. To State Expr. |
|-------|--------------------|-----------|---------------------------|--------------|-----------------------|----------|--------------------|---------------|--------------|-------------------|------------------------|--|
| 1 | 1st Plan | 1951-56 | ----- NOT AVAILABLE ----- | | | | 37.84 | - | - | 37.84 | 96.78 | 39.10 |
| 2 | 2nd Plan | 1956-61 | - | 17.78 | - | 0.21 | 17.99 | - | - | 17.99 | 188.60 | 9.54 |
| 3 | 3rd Plan | 1961-66 | 8.52 | 21.81 | - | 0.40 | 30.73 | - | - | 30.73 | 352.42 | 8.72 |
| 4 | Three Annual Plans | 1966-69 | 22.14 | 19.21 | - | 0.91 | 42.26 | - | - | 42.26 | 234.06 | 18.06 |
| 5 | 4th Plan | 1969-74 | 13.44 | 54.31 | - | 0.62 | 68.37 | - | - | 68.37 | 448.87 | 15.23 |
| 6 | 5th Plan | 1974-78 | 35.05 | 51.92 | - | 0.47 | 87.44 | - | - | 87.44 | 1004.28 | 8.71 |
| 7 | Two Annual Plans | 1978-80 | 40.02 | 51.48 | - | 0.22 | 91.72 | - | - | 91.72 | 899.60 | 10.20 |
| 8 | 6th Plan | 1980-85 | 159.33 | 82.40 | 104.62 | 0.91 | 347.26 | - | 96.68 | 443.94 | 3237.07 | 10.73 |
| 9 | 7th Plan | 1985-90 | 149.68 | 220.44 | 71.95 | 31.35 | 473.42 | 119.31 | 385 | 977.73 | 5976.60 | 7.92 |
| 10 | 2 Annual Plans | 1990-92 | 112.73 | 124.78 | 41.59 | 48.97 | 328.07 | 242.45 | 217.18 | 787.70 | 3027.38 | 21.54 |
| 11 | 8th Plan | 1992-97 | 278.17 | 476.94 | 123.43 | 126.51 | 1005.05 | 1749.25 | 525.29 | 3279.59 | 13606.58 | 7.39 |
| 12 | 9th Plan | 1997-02 | 1210.55 | 958.57 | 108.57 | 313.06 | 2590.75 | 2215.01 | 257.21 | 5062.97 | 27790.75 | 10.22 |
| 13 | 10th Plan | 2002-03 | 362.62 | 983.54 | | | | | | 1346.16 | -- | -- |
| 14 | 10th Plan | 2003-04 | 248.01 | 1247.62 | | | | | | 1495.63 | -- | -- |
| 15 | 10th Plan | 2004-05 | 415.38 | 1301.79 | | | | | | 1717.17 | -- | -- |
| 16 | 10th Plan | 2005-06 | 358.18 | 1263.50 | | | | | | 1621.68 | -- | -- |
| 17 | 10th Plan | 2006-07 | 499.46 | 1515.18 | | | | | | 2014.64 | | |
| 18 | 10th Plan Total | 2002-07 | 1883.65 | 6311.63 | | | | | | 8195.28 | | |
| 19 | 11th Plan | 2007-08 | 482.06 | 1754.42 | | | | | | 2236.48 | | |
| 20 | 11th Plan | 2008-09 | 555.91 | 1872.75 | | | | | | 2428.66 | | |
| 21 | 11th Plan | 2009-10 | 906.91 | 1942.43 | | | | | | 2849.34 | | |
| 22 | 11th Plan | 2010-11 | 1092.35 | 1577.26 | | | | | | 2669.61 | | |
| 23 | 11th Plan | 2011-12 | 1221.00 | 2019.16 | | | | | | 3240.16 | | |
| 24 | 11th Plan Total | 2007-2012 | 4258.23 | 9166.02 | | | | | | 13424.25 | | |
| 25 | 12th Plan | 2012-13 | 1135.57 | 2540.79 | | | | | | 3676.36 | | |
| 26 | 12th Plan | 2013-14 | 1372.97 | | | | | | | | | |
| 27 | 12th Plan | 2014-15 | 968.70 | | | | | | | | | |
| 28 | 12th Plan | 2015-16 | 2148.45 | | | | | | | | | |
| 29 | 12th Plan | 2016-17 | 2300.45 | | | | | | | | | |
| 30 | FY 2017-18 | 2017-18 | 1412.15 | | | | | | | | | |
| 31 | FY 2018-19 | 2018-19 | 1966.89 | | | | | | | | | |
| 32 | FY 2019-20 | 2019-20 | 1387.65 | | | | | | | | | |
| 33 | FY 2020-21 | 2020-21 | 1077.89 | | | | | | | | | |
| 34 | FY 2021-22 | 2021-22 | 853.51 | | | | | | | | | |
| 35 | FY 2022-23 | 2022-23 | 752.78 | | | | | | | | | |
| 36 | FY 2023-24 | 2023-24 | 993.78 | | | | | | | | | |

@ Others S&I and Cyclone Reconstruction expenditure, AP Energy Efficiency project, AP Hazard Mitigation, APLI

Note: Column (8) is sum of columns (4) to (7)

Column (11) is sum of columns (8) to (10)

Column (13) is ratio of column (11) to column (12) in percentage

⚡ From 2000-01, GOAP's support through Annual Plans is limited to Tariff subsidy and EAP's

3. SIXTH AND SEVENTH FIVE YEAR PLANS

3.1 ACHIEVEMENTS IN SIXTH FIVE YEAR PLAN - FINANCIAL

(Rs.in Crores)

| S.No. | Category | VI Plan Approved | 1980-81 Expenditure | 1981-82 Expenditure | 1982-83 Expenditure | 1983-84 Expenditure | 1984-85 Expenditure | Total Expenditure |
|-----------|--|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|----------------------|
| A) | PLAN | | | | | | | |
| | A.P.S.E.BOARD | | | | | | | |
| | Generation | 230.00 | 42.18 | 44.72 | 31.03 | 53.99 | 78.15 | 250.07 |
| | Transmission | 240.00 | 31.93 | 42.83 | 35.81 | 27.69 | 21.07 | 159.33 |
| | | ☆ 170.65 | | | | | | |
| | Distribution | 90.38 | 10.58 | 16.47 | 17.77 | 13.75 | 23.83 | 82.40 |
| | Rural Electrification | 130.00 | 29.32 | 16.37 | 29.31 | 9.61 | 20.01 | 104.62 |
| | Survey & Investigation | 1.00 | 0.11 | 0.19 | 0.21 | 0.20 | 0.20 | 0.91 |
| | Total A.P.S.E.BOARD | 520.73 | 114.12 | 120.58 | 114.13 | 105.24 | 143.26 | 597.33 |
| B) | GOVERNMENT | | | | | | | |
| | Srisaïlam Project | | | | | | | |
| | Stages - I & II | 93.32 | 21.94 | 29.18 | 26.34 | 38.00 | 20.19 | 135.65 |
| | Payment to Orissa Government towards A.P's share of | | | | | | | |
| | Balimela Dam Project | 5.00 | 2.00 | 3.00 | -- | -- | -- | 5.00 |
| | | Total GOVERNMENT | 98.32 | 23.94 | 32.18 | 26.34 | 38.00 | 20.19 |
| I | TOTAL A+B (PLAN) | 619.05 | 138.06 | 152.76 | 140.47 | 143.24 | 163.45 | 737.98 |
| II | OUT SIDE PLAN | | | | | | | |
| | Rural Electrification | | 3.67 | 15.53 | 21.60 | 25.80 | 30.08 | 96.68 |
| | Total Power Sector (PLAN +OUT SIDE PLAN) (I + II) | | 141.73 | 168.29 | 162.07 | 169.04 | 193.53 | 834.66 |

☆ Rs. 170.65 Crore provision is excluding the amount provided for 400 KV system in VI Plan period which was executed by N.T.P.C.

3.2 ACHIEVEMENTS IN SIXTH FIVE YEAR PLAN - PHYSICAL

| S.No. | Item | Unit | 1980-81 | 1981-82 | 1982-83 | 1983-84 | 1984-85 | Total |
|-----------|---------------------------------|------|---------------|---------------|---------------|---------------|---------------|---------------|
| 1 | GENERATION | | | | | | | |
| I | State Sector: | | | | | | | |
| | Thermal | | | | | | | |
| | Vijayawada-Unit-II | MW | 210 | -- | -- | -- | -- | 210 |
| | Units Dismantled | MW | | | | | | |
| | RTS-A Unit-I | MW | -- | -- | -12.5 | -- | -- | -12.5 |
| | RTS-A Units-II&III | MW | -- | -- | -- | -- | -25 | -25 |
| | Hussian Sagar | MW | -- | -- | -- | -- | -10 | -10 |
| | Hyderabad Gas Turbines | MW | -- | -- | -- | -- | -20 | -20 |
| | Total Thermal | MW | 210 | 0 | -12.5 | 0 | -55 | 142.5 |
| | Hydel | | | | | | | |
| | Nagarjunasagar Unit - II & III | MW | 201.6 | -- | -- | -- | -- | 201.6 |
| | Nagarjunasagar Unit - IV & V | MW | -- | -- | 201.6 | -- | -- | 201.6 |
| | Nagarjunasagar Unit - VI & VII | MW | -- | -- | -- | -- | 201.6 | 201.6 |
| | Donkarai | MW | -- | -- | -- | 25 | -- | 25 |
| | N'sagar Right Canal Unit - I | MW | -- | -- | 30 | -- | -- | 30 |
| | N'sagar Right Canal Unit - II | MW | -- | -- | -- | 30 | -- | 30 |
| | Srisaïlam Unit - I & II | MW | -- | -- | 220 | -- | -- | 220 |
| | Srisaïlam Unit - III | MW | -- | -- | -- | 110 | -- | 110 |
| | Srisaïlam Unit - IV | MW | -- | -- | -- | -- | 110 | 110 |
| | Total Hydel | MW | 201.6 | 0 | 451.6 | 165 | 311.6 | 1129.8 |
| | Total State Sector | MW | 411.6 | 0 | 439.1 | 165 | 256.6 | 1272.3 |
| II | Central Sector Share | | | | | | | |
| | Ramagundam STPS Unit - I | MW | -- | -- | -- | 54 | -- | 54 |
| | Ramagundam STPS Unit - II & III | MW | -- | -- | -- | -- | 108 | 108 |
| | Total Central Share | MW | 0 | 0 | 0 | 54 | 108 | 162 |
| | Total Capacity Addition | MW | 411.6 | 0 | 439.1 | 219 | 364.6 | 1434.3 |
| | Installed Capacity | MW | 2303.2 | 2303.2 | 2742.3 | 2961.3 | 3325.9 | 4760.2 |

3.2 ACHIEVEMENTS IN SIXTH FIVE YEAR PLAN - PHYSICAL

| S.No | Item | Unit | 1980-81 | 1981-82 | 1982-83 | 1983-84 | 1984-85 | Total |
|----------|--|------|---------|-------------|-------------|---------|---------|--------------|
| 2 | GENERATION & SALES | | | | | | | |
| a) i) | Units Generated | MU | 7276 | 9077 | 10246 | 11001 | 12551 | 50151 |
| ii) | Units Purchased | MU | 102 | 40 | 29 | 183 | 851 | 1205 |
| iii) | Gross Generation | MU | 7378 | 9117 | 10275 | 11184 | 13402 | 51356 |
| b) | Units Sold : | | | | | | | |
| i) | Within the State | MU | 5110 | 6100 | 7107 | 7722 | 9239 | 35278 |
| ii) | Export | MU | 282 | 479 | 314 | 551 | 873 | 2499 |
| 3 | TRANSMISSION & DISTRIBUTION | | | | | | | |
| a) | 220 kV Sub-stations | No. | -- | 1 | 1 | -- | 2 | 4 |
| b) | 132kV Sub-stations \$ | No. | 6 | 6 (-1)(\$) | 5 (-1)(\$) | 4 | 3 | 24 (-2)(\$) |
| c) | 33kV Sub-stations | No. | 31 | 23 | 25 | 24 | 124 | 227 |
| | Sub-Total (a+b+c) | No. | 37 | 30 (-1)(\$) | 31 (-1)(\$) | 28 | 129 | 255 (-2)(\$) |
| d) | 220 kV Lines | CKM | 180 | 339 | 347 | -- | 298 | 1164 |
| e) | 132 kV Lines | CKM | 217 | 257 | 199 | 174 | 280 | 1127 |
| f) | 33 kV Lines | CKM | 469 | 554 | 868 | 543 | 1455 | 3889 |
| g) | 11 kV Lines | KM | 5047 | 3379 | 3554 | 4468 | 5512 | 21960 |
| h) | L.T.Lines | KM | 9747 | 9230 | 10538 | 9891 | 17232 | 56638 |
| | Sub-Total (d to h) | KM | 15660 | 13759 | 15506 | 15076 | 24777 | 84778 |
| 4 | Distribution Transformers | No. | 2826 | 2631 | 2819 | 2622 | 3125 | 14023 |
| 5 | Services released | No. | 185430 | 215388 | 291163 | 255801 | 330084 | 1277866 |
| 6 | RURAL ELECTRIFICATION | | | | | | | |
| a) | Villages electrified | No. | 1319 | 1436 | 1471 | 1000 | 1193 | 6419 |
| b) | Hamlets electrified | No. | 675 | 555 | 512 | 593 | 806 | 3141 |
| c) | Pumpsets energised | No. | 39522 | 50182 | 53302 | 46424 | 60561 | 249991 |
| d) | Dalitwadadas electrified | No. | 2075 | 2250 | 2639 | 1678 | 1578 | 10220 |
| e) | Weaker section colonies electrified | No. | -- | -- | 319 | 209 | 290 | 818 |

\$ Chandrayanagutta (81-82) and Sullurpeta (1.5.82) 132 KV SSs are upgraded to 220 KV

3.3 ACHIEVEMENTS IN SEVENTH FIVE YEAR PLAN - F I N A N C I A L

| S.No. | Head/ Sub-Head of Development | Approved Outlay for 7th Five year Plan (1985-90) | 1985-86 Expenditure | 1986-87 Expenditure | 1987-88 Expenditure | 1988-89 Expenditure | 1989-90 Expenditure | Total Expenditure for the 7th Five year Plan |
|-----------|--|--|---------------------|---------------------|---------------------|---------------------|---------------------|--|
| A. | A.P.S.E.BOARD | | | | | | | |
| | 1. Generation | 431.24 | 73.95 | 81.80 | 109.30 | 131.17 | 122.30 | 518.52 |
| | 2. Transmission | 294.80 | 27.11 | 28.97 | 28.40 | 28.56 | 36.64 | 149.68 |
| | 3. Distribution | 221.10 | 33.74 | 45.72 | 44.34 | 45.87 | 50.77 | 220.44 |
| | 4. Rural Electrification | 105.55 | 17.29 | 16.84 | 16.70 | 12.89 | 8.23 | 71.95 |
| | 5. Survey & Investigation | 2.21 | 0.23 | 0.27 | 0.19 | 0.32 | 0.38 | 1.39 |
| | TOTAL APSEB PLAN | 1054.90 | 152.32 | 173.60 | 198.93 | 218.81 | 218.32 | 961.98 |
| B. | GOVERNMENT | | | | | | | |
| | Srisailam Project | 50.00 | 8.50 | 15.19 | 13.63 | 14.90 | 10.04 | 62.26 |
| C. | P.F.C Loan : | | | | | | | |
| | a) Vijayawada TPS Stage-II | -- | -- | -- | -- | 60.00 | 30.00 | 90.00 |
| | b) Transmission | -- | -- | -- | -- | 11.08 | 18.23 | 29.31 |
| | TOTAL P F C LOAN | -- | -- | -- | -- | 71.08 | 48.23 | 119.31 |
| | TOTAL POWER SECTOR (A+B+C) | 1104.90 | 160.82 | 188.79 | 212.56 | 304.79 | 276.59 | 1143.55 |
| D. | OUTSIDE PLAN : | | | | | | | |
| | a) Rural Electrification | | 45.58 | 71.68 | 75.64 | 86.04 | 86.59 | 365.53 |
| | b) Distribution | | 3.41 | 2.45 | 0.28 | 9.73 | 3.60 | 19.47 |
| E. | R & M of K.T.P.S | | | | | | | |
| | with Central Assistance | | 3.18 | 6.82 | 14.80 | 4.66 | 0.50 | 29.96 |
| | TOTAL CAPITAL EXPENDITURE (A+B+C+D+E) | 1104.90 | 212.99 | 269.74 | 303.28 | 405.22 | 367.28 | 1558.51 |

3.4 ACHIEVEMENTS IN SEVENTH FIVE YEAR PLAN - PHYSICAL

| S.No. | Item | Unit | Target for 7th plan approved by Plg. Commission | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 | Total for 7th plan |
|-------|---|------|---|----------------|----------------|----------------|----------------|----------------|--------------------|
| I | State Sector | | | | | | | | |
| 1 | Nagarjunasagar Pumped Storage HES Stage-III (3rd unit 100 MW) | MW | 100.80 | 100.80 | -- | -- | -- | -- | 100.80 |
| 2 | Srisailem HES Stage-II (3 x 110 MW) | MW | 330.00 | 110.00 | 220.00 | -- | -- | -- | 330.00 |
| 3 | Pochampad HES (3 x 9 MW) | MW | 27.00 | -- | 9.00 | 18.00 | -- | -- | 27.00 |
| 4 | A.P.Power House at Balimela (2 x 30 MW) | MW | 60.00 | -- | -- | -- | -- | -- | -- |
| 5 | Penna Ahobilam HES (2 x 10 MW) | MW | 20.00 | -- | -- | -- | -- | -- | -- |
| 6 | Nagarjunasagar Right Canal HES - 3rd unit (30 MW) | MW | 30.00 | -- | -- | -- | -- | -- | -- |
| 7 | Nagarjunasagar Left Canal HES (2 x 30 MW) | MW | 60.00 | -- | -- | -- | -- | -- | -- |
| 8 | Mini/Small Hydel Schemes (1.5 MW) | MW | 1.50 | 0.22 | -- | 1.79 | -- | -- | 2.01 |
| 9 | Vijayawada TPS - Stage-II (1st unit 210 MW) | MW | 210.00 | -- | -- | -- | -- | 210.00 | 210.00 |
| | Total State Sector | MW | 839.30 | 211.02 | 229.00 | 19.79 | -- | 210.00 | 669.81 |
| | Central Sector Share | | | | | | | | |
| 1 | Ramagundam Unit - IV & V | MW | | -- | -- | -- | 278.00 | -- | 278.00 |
| 2 | Ramagundam Unit - VI | MW | | -- | -- | -- | -- | 140.00 | 140.00 |
| 3 | MAPP (Kalpakam) | MW | | 40.00 | -- | -- | -- | -- | 40.00 |
| 4 | Neyveli Stage II Unit - I | MW | | -- | 32.00 | -- | -- | -- | 32.00 |
| 5 | Neyveli Stage II Unit - II | MW | | -- | -- | 65.00 | -- | -- | 65.00 |
| | Total Central Share | MW | | 40.00 | 32.00 | 65.00 | 278.00 | 140.00 | 555.00 |
| | Total Capacity Addition | MW | | 251.02 | 261.00 | 84.79 | 278.00 | 350.00 | 1224.81 |
| | Installed Capacity | MW | | 3576.92 | 3837.92 | 3922.71 | 4200.71 | 4550.71 | 5775.52 |

(Contd. ..)

3.4 ACHIEVEMENTS IN SEVENTH FIVE YEAR PLAN - PHYSICAL

| S.No. | Item | Unit | Target for 7th plan approved by Plg. Commission | 1985-86 | 1986-87 | 1987-88 | 1988-89 | 1989-90 | TOTAL |
|-----------|---|------|---|--------------|--------------|--------------------|--------------------|--------------------|---------------------|
| 2 | GENERATION & SALES | | | | | | | | |
| a) i) | Units Generated | MU | -- | 12225 | 13799 | 13850 | 14141 | 15024 | 69039 |
| ii) | Units Purchased | MU | -- | 2236 | 2219 | 1847 | 2910 | 4047 | 13259 |
| iii) | Gross Generation | MU | -- | 14461 | 16018 | 15697 | 17051 | 19071 | 82298 |
| b) | Units Sold : | | | | | | | | |
| i) | Within the State | MU | -- | 10321 | 11770 | 11678 | 13059 | 14435 | 61263 |
| ii) | Export | MU | -- | 538 | 301 | 214 | 146 | 193 | 1392 |
| 3 | TRANSMISSION & DISTRIBUTION | | | | | | | | |
| a) | 220 kV Sub-stations | No. | 9 | 2 | -- | 2 | 2 | 4 | 10 |
| b) | 132 kV Sub-stations \$ | No. | 31 | 9 | 16 | 11 (-2)(\$) | 2 (-3)(\$) | 12 (-3)(\$) | 50 (-8)(\$) |
| c) | 33 kV Sub-stations | No. | 294 | 63 | 109 | 74 | 47 | 57 | 350 |
| | Sub-Total (a+b+c) | No. | 334 | 74 | 125 | 87 (-2)(\$) | 51 (-3)(\$) | 73 (-3)(\$) | 410 (-8)(\$) |
| d) | 220 kV Lines | Ckm | 1049 | 215 | 211 | 237 | 273 | 249 | 1185 |
| e) | 132 kV Lines | Ckm | 1458 | 601 | 547 | 290 | 236 | 266 | 1940 |
| f) | 33 kV Lines | Km | | 855 | 1532 | 786 | 853 | 700 | 4726 |
| g) | 11 kV Lines | Km | | 6609 | 5384 | 6589 | 6881 | 6500 | 31963 |
| h) | L.T.Lines | Km | | 19148 | 19120 | 24159 | 19866 | 19500 | 101793 |
| | Sub-Total (d-to-h) | Km | | 27428 | 26794 | 32061 | 28109 | 27215 | 141607 |
| 4 | Distribution Transformers | No. | | 5106 | 5638 | 6699 | 7516 | 6650 | 31609 |
| 5 | Services released (excluding Agriculture) | No. | 1550000 | 242840 | 443285 | 416654 | 612406 | 437657 | 2152842 |
| 6 | RURAL ELECTRIFICATION | | | | | | | | |
| a) | Villages electrified | No. | 4367 | 826 | 905 | 1076 | 1250 | 391 | 4448 |
| b) i) | Pumpsets energised | No. | 350000 | 82257 | 89369 | 110954 | 94529 | 71446 | 448555 |
| ii) | Pumbsets Energised by R.E.S.Co-op. | No. | | 6455 | 5439 | 6281 | 5197 | 3641 | 27013 |
| c) | Hamlets electrified | No. | 9500 | 1454 | 1666 | 842 | 1428 | 802 | 6192 |
| d) | Dalitwadas electrified | No. | | 1694 | 1777 | 1016 | 1103 | 1679 | 7269 |
| e) | Weaker section colonies electrified | No. | | 383 | 808 | 636 | 973 | 1037 | 3837 |

\$ Miryalaguda and Yeddumailaram (87-88), A.P.Carbides and Paloncha (88-89) and Bhimadole, Ramagundam & Warangal(89-90) 132 KV SSs are upgraded to 220kV . Also old 132kV Garividi SS is sold out in 1988-89.

**4. ANNUAL PLANS 1990-91 & 1991-92 AND
EIGHTH FIVE YEAR PLAN (1992-97)**

4.1 ANNUAL PLAN 1990-91

(Rs.in Lakhs)

| Sl. No. | Name of the Scheme | Approved by Planning Commission in 3/91 | Actual Expenditure |
|-------------|---|--|-----------------------|
| I. | GENERATION | | |
| a) | CONTINUING SCHEMES : | | |
| 1 | Srisaillam HES Stage-II (3 x 110 MW) | 0.24 | 28.13 |
| 2 | Nagarjunasagar Pumped Storage HES (3 x 100 MW) | 0.72 | 50.36 |
| 3 | Pochampad H.E.S. (3 x 9 MW) | 0.04 | 4.74 |
| 4 | Nagarjunasagar Right Canal HES (3rd unit - 30 MW) | 0.61 | 58.00 |
| 5 | V.T.P.S. Stage-II (2 x 210 MW) | 56.5 | 3577.06 |
| 6 | Nagarjunasagar Left Canal HES (2 x 30 MW) | 4 | 561.45 |
| 7 | Penna Ahobilam HES (2 x 10 MW) | 0.8 | 124.95 |
| 8 | Upper Sileru HES Stage-II (2 x 60 MW) | 5.65 | 1022.15 |
| 9 | Srisaillam Left Bank HES (6 x 150 MW) | 22 | 2447.6 |
| 10 | A.P.Power House at Balimela (2 x 30 MW) | 0.1 | -50.72 |
| 11 | Mini Hydel Schemes | 2 | 138.43 |
| 12 | Rayalaseema TPP Stage-I (2 x 210 MW) | 60 | 6401.51 |
| 13 | Vijayawada TPS Stage-III (2 x 210 MW) | 34.5 | 4028.88 |
| 14 | Gas Based TPS at Vijjeswaram (3 x 33.6MW) | 1 | 100.00 |
| 15 | Vijayawada T.P.S. Stage-I(2x210 MW) | -- | -107.67 |
| 16 | Srisaillam HES - Stage-I (4 X 110 MW) | | 0.19 |
| b) | NEW SCHEMES : | | |
| | Singur HES (2 x 7.5 MW) | | |
| | Total Generation | 188.16 | 18385.06 |
| II. | UPRATING / R & M SCHEMES | | |
| | Thermal Projects | 6.39 | |
| 1 | KothagudemTPS-1st Phase | | 578.58 |
| 2 | KothagudemTPS-2nd Phase | | |
| 3 | Ramagundam TPS-`B'Station | | -2.95 |
| 4 | Nellore TPS | | 94.85 |
| | Total for R & M | | 670.48 |
| III. | TRANSMISSION | 72 | 7725.98 |
| IV. | DISTRIBUTION & SYSTEM IMPROVEMENTS | 78 | 6548.44 |
| V. | RURAL ELECTRIFICATION | 16 | 1629.88 |
| VI. | SURVEY & INVESTIGATION | 0.76 | 59.16 |
| A | TOTAL PLAN (I TO VI) | 361.31 | 35019.00 |
| B | Cyclone Reconstruction Project | | 67.00 |
| | GRAND TOTAL PLAN (A+B) | | 35086.00 |
| | OUTSIDE PLAN | | 10858.33 |
| | TOTAL (PLAN + OUTSIDE PLAN) | | 45944.33 |
| ✧ | Includes PFC Loan received in 1990-91 | | |
| 1 | Upper Sileru HES Stage-II | | 360.00 |
| 2 | Rayalaseema TPP Stage-I | | 4109.00 |
| 3 | Transmission | | 3775.00 |
| 4 | Distribution & System Improvements | | 130.00 |
| | TOTAL | | 8374.00 |

4.2 TARGETS AND ACHIEVEMENTS IN ANNUAL PLANS 1990-91 & 91-92

| S.No. | Particulars | Units | PHYSICAL | | | |
|------------|---|-----------|-----------|----------------|-----------|----------------|
| | | | 1990 - 91 | | 1991 - 92 | |
| | | | Targets | Achievement | Targets | Achievement |
| 1 | Installed Capacity | | | | | |
| I | State Sector: | | | | | |
| A | Thermal | | | | | |
| | Vijayawada Unit-IV | MW | | 210 | | -- |
| | Total Thermal | MW | | 210 | | -- |
| B | Hydel | | | | | |
| | N'Sagar Right canal Unit - III | MW | | 30 | | -- |
| | Mini Hydel | MW | | -- | | 1 |
| | Total Hydel | MW | | 30 | | 1 |
| | Total State Sector | MW | | 240 | | 1 |
| II | Joint Sector | | | | | |
| | Vijjeswaram (Gas) Unit - I & II | MW | | 66 | | -- |
| | Vijjeswaram (Gas) Unit - III | | | -- | | 34 |
| | Total Joint Sector | MW | | 66 | | 34 |
| | Total (I+II) | MW | 306 | 306 | 34 | 35 |
| III | Central Sector: | | | | | |
| | Neyveli IInd Mine Cut Unit - I&II | MW | | 45 | | 45 |
| | Total Central Sector | MW | | 45 | | 45 |
| | Total Capacity Addition | MW | | 351 | | 80 |
| | Installed Capacity | MW | | 4901.71 | | 4981.71 |
| 2. | a) Generation | MU | 17094 | 18119 | 18065 | 18242 |
| | b) Purchases | MU | 3841 | 2984 | 4540 | 5010 |
| | c) Gross Generation | MU | 20935 | 21103 | 22605 | 23252 |
| 3. | Units Sold | | | | | |
| | a) Within the State | MU | 16223 | 16093 | 17491 | 17760 |
| | b) Export | MU | | 161 | | 182 |
| 4. | 220 kV Sub-stations | Nos. | 8 | 2 | 8 | 6 |
| 5. | 132 kV Sub-stations (\$) | Nos. | 13 | 7 (-1) | 15 | 12 (-1) |
| 6 | 33 kV Sub-stations | Nos. | 40 | 43 | 42 | 76 |
| 7 | 220 kV Lines | Ckm. | 587 | 202 | 349 | 391 |
| 8 | 132 kV Lines | Ckm. | 1033 | 224 | 1033 | 813 |
| 7. | 66 KV Lines | Ckm. | | | | |
| 8. | 33 KV Lines | Ckm. | | | | |
| 7. | 11 KV Lines | Ckm. | | | | |
| 8. | L.T Lines | Ckm. | | | | |
| 9 | Services other than Agriculture | Nos. | 222620 | 343706 | 400000 | 471557 |
| 10 | Villages already electrified with Solar Panels for conversion to Conventional lines | Nos. | 250 | 259 | 250 | 154 |
| 11 | Agricultural Pumpsets | Nos. | 75000 | 81794 | 55000 | 80609 |
| 12 | Hamlets Electrified | Nos. | 500 | 673 | 750 | 822 |
| 13 | Dalit wadas electrified | Nos. | 1250 | 2196 | 1250 | 1410 |
| 14 | Weaker Section Colonies electrified | Nos. | 750 | 610 | 1000 | 1113 |

\$ Garividi (90-91) and Kalikiri (91-92) 132 KV Ss are upgraded to 220 KV.

4.3 ANNUAL PLAN : 1991 - 92

Rs. in lakhs

| S.No. | Name of the Scheme | Capacity MW | PLAN PROVISION | | Actual Expenditure | |
|-------------|--|----------------|--------------------|---------------------|-----------------------|----|
| | | | Budget Estimate | Revised Estimate | | |
| A. | NORMAL PLAN | | | | | |
| I. | Generation | | | | | |
| a) | Continuing Schemes | | | | | |
| 1 | Srisailem HES Stage - II | 3x110 | 60 | 10 | 29 | |
| 2 | Nagarjunasagar Pumped Storage HES Stage - II | 3x100 | 25 | 6 | 33 | |
| 3 | Pochampad HES (3 x 9 MW) | 3x9 | 35 | 5 | 3 | |
| 4 | Nagarjunasagar Left Canal HES | 2x30 | 473 | 442 | 374 | |
| 5 | Nagarjunasagar Right Canal HES | 30 | 80 | 150 | 32 | |
| 6 | Penna Ahobilam HES | 2x10 | 150 | 77 | 151 | |
| 7 | A.P. Power House at Balimela | 2x30 | 250 | 30 | -3 | |
| 8 | Upper Sileru HES Stage - II | 2x60 | 1350 | 400 | 336 | |
| 9 | Srisailem Left Bank HES | | 4500 | 5500 | 6097 | |
| 10 | Mini/ Small Hydel Schemes | | 200 | 400 | 502 | |
| 11 | Vijayawada TPS Stage-II | 2x210 | 200 | 1400 | 788 | |
| 12 | Rayalaseema TPP | 2x210 | 8000 | 8000 | 8016 | |
| | (P F C) | | | | 5115 | |
| 13 | Vijayawada TPS - Stage III | 2x210 | 2000 | 2000 | 5021 | |
| | (P F C) | | | | 6000 | |
| 14 | Vijayawada TPS Stage - I | | -- | -- | -2 | |
| 15 | Donkarai Power House | | -- | -- | -10 | |
| | Sub - Total (a) | | 17323 | 18420 | 21367 | |
| | (P F C) | | | | 11115 | |
| b) | New Schemes | | | | | |
| 1 | Singur HES | 2x7.5 | 100 | 12 | 5 | |
| | Sub - Total (b) | | | | 5 | |
| c) | Renovation Schemes | | | | | |
| 1 | Kothagudem TPS - 1st Phase | | 180 | } | -- | |
| | (P F C) | | | | 284.00 | |
| 2 | Kothagudem TPS - 2nd Phase | | 604 | | 125 | -- |
| 3 | Ramagundam TPS - 'B' Station | | --- | | | 21 |
| 4 | Nellore TPS | | 200 | | 68 | |
| | (P F C) | | | | 4 | |
| | Sub - Total (c) | | 984 | 125 | 89 | |
| | (P F C) | | | | 288 | |
| I. | Total Generation (a+b+c) | | 18407 | 18557 | 21461 | |
| | (P F C) | | | | 11403 | |
| II. | Transmission | | 7000 | 7500 | 7322 | |
| | (P F C) | | | | 3468 | |
| III. | Distribution & System Improvements | | 9000 | 8000 | 6060 | |
| | (P F C) | | | | 1000 | |
| IV. | Rural Electrification | | 2450 | 3129 | 2529 | |
| V. | Survey and Investigation | | 81 | 53 | 62 | |
| A. | Total Plan (I to V) | | 36938 | 37239 | 37434 | |
| | (P F C) | | | | 15871 | |
| B. | Cyclone Reconstruction Project | | 2093 | 2093 | 3949 | |
| | TOTAL PLAN (A+B) | | 39031 | 39332 | 41383 | |
| C. | Additionality (PFC) | | | | 15871 | |
| D. | OUTSIDE PLAN | | | | 10860 | |
| | Total A+B+C+D | | 39031 | 39332 | 68114 | |

4.4 ACHIEVEMENTS IN EIGHTH FIVE YEAR PLAN-FINANCIAL (1992-93 TO 1996-97)

Rupees in lakhs.

| Sl.No | Scheme | Eighth Plan (Provision) | Actual Expenditure | | | | | Total |
|-----------|---|----------------------------|--------------------|---------|---------|---------|---------|--------|
| | | | 1992-93 | 1993-94 | 1994-95 | 1995-96 | 1996-97 | |
| a) | NORMAL PLAN | | | | | | | |
| I | GENERATION | | | | | | | |
| | ON-GOING SCHEMES | | | | | | | |
| 1. | Srisaïlam Stage-II (3x110 MW). | 20 | 72 | 15 | -- | -- | -- | 87 |
| 2. | Nagarjunasagar Pumped Storage HES - Stage -II (3 x 100MW) | 35 | 28 | 54 | 11 | 22 | 1 | 116 |
| 3. | Pochampad HES (3x9 MW). | -- | -- | 1 | -- | -- | -- | 1 |
| 4. | Nagarjunasagar Right Canal HES -3rd Unit (30 MW) (EAP) | 67 | 68 | 30 | 8 | 4 | 1 | 111 |
| 5. | Nagarjunasagar Left Canal HES - (2x30 MW) (EAP) | 356 | 403 | 31 | 7 | -- | -- | 441 |
| 6. | Penna Ahobilam HES (2x10 MW) | 238 | 133 | 144 | 90 | 45 | 38 | 450 |
| 7. | A.P.Power House at Balimela (2x30 MW) | 500 | 8 | -- | -- | -- | -- | 8 |
| 8. | Upper Sileru HES Stage-II (2 x 60 MW) | 2572 | 1434 | 1064 | 36 | 311 | 118 | 2963 |
| | | | | | 300 | | | 300 |
| 9. | Srisaïlam Left Bank HES (6x150 MW) (EAP) | 72950 | 3098 | 4143 | 27276 | 45069 | 34744 | 114330 |
| | | | | | 8184 | | | 8184 |
| 10. | Singur HES (2x7.5 MW). | 2429 | 392 | 130 | 85 | 753 | 119 | 1479 |
| | | | | | 777 | 111 | +3.00 | 891 |
| 11. | Mini/ Small Hydrel Scheme | 787 | 393 | 177 | 127 | 117 | 4 | 818 |
| 12. | Kothagudem TPS Stage-V (2 x 210 MW) | | 6505 | 1681 | 800 | 9939 | 2000 | 20925 |
| | | | | | 3091 | 38962 | 21605 | 63658 |
| 13. | Vijayawada TPS-Stage-II (2x210 MW) | 850 | 851 | 249 | 180 | 70 | 16 | 1366 |
| 14. | Rayalaseema TPS Stage-I (2 x 210 MW) | 39704 | 15839 | 19032 | 7500 | 3970 | 13183 | 59524 |
| | | | 3147 | | 3035 | | | 6182 |
| 15. | Vijayawada TPS Stage-III (2 x 210 MW) | 35491 | 5550 | 6403 | 4000 | 2695 | 550 | 19198 |
| | | | 10271 | 16169 | 11990 | | 116 | 38546 |
| | Sub Total (On going Schemes) | 155999 | 37921 | 33154 | 55507 | 102068 | 72379 | 301032 |
| | | | 13418 | 16169 | 27377 | 39073 | 21724 | 117761 |

(Contd.,)

4.4 ACHIEVEMENTS IN EIGHTH FIVE YEAR PLAN-FINANCIAL (1992-93 TO 1996-97)

Rupees in lakhs.

| Sl.No. | Scheme | Eighth Plan Provision | Actual Expenditure | | | | | Total |
|-----------------------------------|---|-----------------------|--------------------|-----------|-----------|-----------|-----------|------------|
| | | | 1992-93 | 1993-94 | 1994-95 | 1995-96 | 1996-97 | |
| NEW SCHEMES : | | | | | | | | |
| 16. | Visakhapatnam TPS (2 x 500 MW) Stage -I | 3149.00 | 25.00 | 315.00 | 51.00 | -- | -- | 391.00 |
| 17. | Krishnapatnam TPS (2 x 250 MW) | | 10.00 | 127.00 | -- | 727.00 | 14.00 | 878.00 |
| 18. | Ramagundam TPS Extension (2x210 MW) | | -- | -- | -- | +12.00 | +128.00 | +140.00 |
| | | | -- | -- | -- | 0.00 | -- | 0.00 |
| 19. | Jurala HES (6x36.9 MW) A.P Share 50% | | 11.00 | 8.00 | 11.00 | 13.00 | 18.00 | 61.00 |
| 20. | Gas Based TPS at Jegurupadu near Rajahmundry Stage -I (400 MW). | | -- | -- | 400.00 | -- | -- | 400.00 |
| 21. | Wind Format Ramagiri | | -- | 121.00 | 415.00 | 1.00 | -- | 537.00 |
| 22. | Hydro Metro Project (650 MW) | | -- | -- | -- | -- | 423.00 | 423.00 |
| SUB-TOTAL (NEW SCHEMES) | | 3149.00 | 46.00 | 571.00 | 877.00 | 741.00 | 455.00 | 2690.00 |
| | | | | | | +13.00 | +128.00 | +141.00 |
| SUB-TOTAL - I (GENERATION) | | 159148.00 | 34820.00 | 33725.00 | 40997.00 | 63736.00 | 51229.00 | 224507.00 |
| | | 41500.00 | +13418.00 | +16169.00 | +27377.00 | +39086.00 | +21852.00 | +117902.00 |
| II R & M SCHEMES : | | | | | | | | |
| THERMAL PROJECTS : | | | | | | | | |
| 1 | Kothagudem TPS-Phase-I. | 3867.00 +9023.00 | 50.00 | 55.00 | -- | -- | -- | 105.00 |
| 2 | Kothagudem TPS-Phase-II. | | 251.00 | 25.00 | 9.00 | 23.00 | -- | 308.00 |
| | | | +519.00 | +136.00 | +35.00 | | | +690.00 |
| 3 | KTPS 'A' life extn. | | -- | -- | -- | -- | -- | -- |
| 4 | Programme | | | | | | +1901.00 | +1901.00 |
| 5 | Ramagundam TPS-B Station | | 4.00 | -- | 3.00 | 8.00 | 5.00 | 20.00 |
| | | | | | +1.00 | | | +1.00 |
| 6 | Nellore TPS. | | 69.00 | 20.00 | 3.00 | -- | -- | 92.00 |
| | | | +12.00 | +2.00 | +3.00 | | | +17.00 |
| HYDEL PROJECTS : | | | | | | | | |
| 1 | Machkund. | | -- | -- | -- | -- | -- | |
| 2 | Nizamsagar | | -- | -- | -- | -- | -- | |
| 3 | Srisailam. | -- | 0.00 | 103.00 | 0.00 | -- | 103.00 | |
| | | | +77.00 | | +48.00 | | +125.00 | |
| 4 | Lower Sileru. | | -- | 40.00 | 16.00 | -- | 56.00 | |
| SUB-TOTAL - II (R & M) | | 3867.00 | 374.00 | 100.00 | 158.00 | 47.00 | 5.00 | 684.00 |
| | | 9023.00 | +531.00 | +215.00 | +39.00 | +48.00 | +1901.00 | +2734.00 |

(Contd.,)

4.4 ACHIEVEMENTS IN EIGHTH FIVE YEAR PLAN-FINANCIAL (1992-93 TO 1996-97)

Rupees in lakhs.


| Sl.No. | Scheme | Eighth Plan Provision | Actual Expenditure | | | | | Total |
|--------|---|--------------------------|--------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 1992-93 | 1993-94 | 1994-95 | 1995-96 | 1996-97 | |
| III | TRANSMISSION. | 45000.00 | 8397.00 | 5593.00 | 4580.00 | 5931.00 | 3316.00 | 27817.00 |
| | | +15000.00 | +5888.00 | +6741.00 | +9574.00 | +4026.00 | +2780.00 | +29009.00 |
| IV | DISTRIBUTION AND SYSTEM IMPROVEMENT | 65000.00 | 11341.00 | 12491.00 | 9000.00 | 7135.00 | 7727.00 | 47694.00 |
| | | +10000.00 | +915.00 | +2809.00 | +13699.00 | +2655.00 | +5202.00 | +25280.00 |
| V | RURAL ELECTRIFICATION. | 11000.00 | 2100.00 | 1632.00 | 3000.00 | 2988.00 | 2623.00 | 12343.00 |
| VI | SURVEY AND INVESTIGATION | 500.00 | 75.00 | 89.00 | 110.00 | 111.00 | 68.00 | 453.00 |
| a) | SUB-TOTAL I to VI (Plan) (I TO VI) | 284515.00 | 57107.00 | 53630.00 | 57845.00 | 79948.00 | 64968.00 | 313498.00 |
| | SUB-TOTAL I to VI (Additionalily) | 75523.00 | +20752.00 | +25934.00 | +50689.00 | +45815.00 | +31735.00 | +174925.00 |
| | SUB-TOTAL I to VI | 360038.00 | 77859.00 | 79564.00 | 108534.00 | 125763.00 | 96703.00 | 488423.00 |
| b) | Cyclone Emergency Reconstruction Project (CERP). | 14047.00 | 6262.00 | 6389.00 | -- | -- | -- | 12651.00 |
| c) | OUT SIDE PLAN | | 7541.00 | 15606.00 | 13151.00 | 11128.00 | 5103.00 | 52529.00 |
| | Grand Total | 374085.00 | 91662.00 | 101559.00 | 121685.00 | 136891.00 | 101806.00 | 553603.00 |


4.5 ACHIEVEMENTS IN EIGHTH FIVE YEAR PLAN - PHYSICAL

| S.No. | Name of the Project (District) | Unit | Proposed target for 8th plan | 1992-93 | 1993-94 | 1994-95 | 1995-96 | 1996-97 | Total for 8th Plan |
|-------|---|-----------|------------------------------|----------------|----------------|----------------|----------------|----------------|--------------------|
| I | Generation | | | | | | | | |
| | State Sector | | | | | | | | |
| a) | Thermal: | | | | | | | | |
| | Rayalaseema TPS Stage I | MW | | - | 210 | 210 | - | - | 420 |
| | Vijayawada TPS Stage III | MW | | - | 210 | 210 | - | - | 420 |
| | Kothagudem TPS Stage V | MW | | - | - | - | - | 250 | 250 |
| | Total Thermal | MW | | 0 | 420 | 420 | 0 | 250 | 1090 |
| b) | Hydel: | | | | | | | | |
| | Nagarjunasagar LCPH | MW | | 60 | - | - | - | - | 60 |
| | Penna Ahobilam | MW | | - | 20 | - | - | - | 20 |
| | Upper Sileru Stage-II | MW | | - | 60 | 60 | - | - | 120 |
| | Mini Hydel | MW | | 2 | 1 | - | 1 | - | 4 |
| | Total Hydel | MW | | 62 | 81 | 60 | 1 | 0 | 204 |
| c) | Wind: | | | | | | | | |
| | Wind Farm at Ramagiri | MW | | - | - | 2 | - | - | 2 |
| | Total State Sector | MW | 1303 | 62 | 501 | 482 | 1 | 250 | 1296 |
| d) | Joint Sector | | | | | | | | |
| | APGPCL-Vijjeswaram (W.Godavari) | MW | | - | - | - | - | 112 | 112 |
| e) | Private Sector | | | | | | | | |
| i) | Fast Track Projects | | | | | | | | |
| | GVK - Jegurupadu | MW | | - | - | - | - | 140.5 | 140.5 |
| | Spectrum - Kakinada | MW | | - | - | - | - | 92.2 | 92.2 |
| ii) | Non-Conventional Energy Projects | | | | | | | | |
| | Mini Hydel | MW | | - | - | - | 3.75 | - | 3.75 |
| | Wind | MW | | - | - | 2.925 | 38.925 | 9.39 | 51.24 |
| | Co-Generation | MW | | - | - | - | - | 1.5 | 1.5 |
| | Total Private Sector | MW | | 0 | 0 | 2.925 | 42.675 | 243.59 | 289.19 |
| f) | Central Sector Projects | | | | | | | | |
| | Neyveli TPS 2nd Mine Cut. | MW | | 45 | 45 | - | - | - | 90 |
| | Total Central Sector | MW | | 45 | 45 | 0 | 0 | 0 | 90 |
| | <i>Total Capacity Addition</i> | <i>MW</i> | | <i>107.00</i> | <i>546.00</i> | <i>484.925</i> | <i>43.675</i> | <i>605.59</i> | <i>1787.19</i> |
| | Total Installed Capacity | MW | | 5088.71 | 5634.71 | 6119.64 | 6163.31 | 6768.90 | |
| | Peak Demand | MW | | 3916 | 4170 | 4434 | 4576 | 5022 | |

(Contd.,)

4.5 ACHIEVEMENTS IN EIGHTH FIVE YEAR PLAN - PHYSICAL

| S.No. | Name of the Project (District) | Unit | Proposed Target for 8th plan | 1992-93 | 1993-94 | 1994-95 | 1995-96 | 1996-97 | Total |
|------------|---|-------------|------------------------------|---------------------|--------------------|----------------|----------------|-------------------|----------------------|
| II | Units Generated | | | | | | | | |
| i) | Units Generated | MU | 104600 | 17872 | 19272 | 20529 | 21765 | 24690 | 104128 |
| ii) | Units Purchased | MU | 33189 | 7197 | 8593 | 9456 | 8732 | 8993 | 42971 |
| iii) | Gross Energy | MU | | 25069 | 27865 | 29985 | 30497 | 33683 | 147099 |
| iv) | Units sold with in the State | MU | 108006 | 19227 | 21250 | 23029 | 23443 | 20923 | 107872 |
| v) | Units Exported | MU | | 195 | 140 | 15 | 23 | 63 | 436 |
| III | Transmission & Distribution | | | | | | | | |
| a) | 400 KV SS | Nos. | 1 | - | - | - | - | - | - |
| b) | 220 KV SS | Nos. | 17 | 4 | 4 | 3 | 3 | 3 | 17 |
| c) | 132 KV SS  | Nos. | 47 | 12 | 22 (-2) | 6 (-2) | 1 (-2) | 5 (-1) | 46 (-7) |
| d) | 66 KV SS | Nos. | - | - (-2) | - (-2) | - (-1) | - | - (-1) | - (-6) |
| e) | 33 KV SS | Nos. | 300 | 67 | 130 | 75 | 82 (-2) | 49 (+1) | 403 (-1) |
| | Sub-total (a to e) | Nos. | | 83 (-2) | 156 (-4) | 84 (-3) | 86 (-4) | 57 (-1) | 466 (-14) |
| f) | 400 KV Lines | Ckm. | 380 | - | - | - | - | - | - |
| g) | 220 KV lines | Ckm. | 2765 | 266 | 778 | 478 | 289 | 189 | 2000 |
| h) | 132 KV lines | Ckm. | 2274 | 550 | 675 | 261 | 44 | 188 | 1718 |
| i) | 66 KV lines | Km | - | - (-485) | - (-14) | - | - | - (-68) | 0 (-567) |
| j) | 33 KV lines | Km | - | 1135 | 1097 | 1232 | 735 | 409 | 4608 |
| | 33 KV UG Cable | Km | | | | | | 35 | 35 |
| k) | 11 KV lines | Km | - | 6115 | 5675 | 5200 | 2439 | 2624 | 22053 |
| | 11 KV UG Cable | Km | | | | | | 244 | 244 |
| l) | LT lines | Km | - | 24807 | 25490 | 20796 | 10519 | 4840 | 86452 |
| | Sub-total (f to l) | Km | | 32873 (-485) | 33715 (-14) | 27967 | 14026 | 8529 (-68) | 117110 (-567) |
| | Distribution Transformers | Nos. | | 10715 | 7600 | 12001 | 10147 | 6185 | 46648 |
| | Services Released (Excl.Agl.) | Nos. | 2676550 | 550318 | 369370 | 339654 | 508690 | 437855 | 2205887 |
| IV | Rural Electrification | | | | | | | | |
| a) | Villages electrified | Nos. | | - | - | - | - | - | 0 |
| b) | Hamlets electrified | Nos. | | 835 | 792 | 1200 | 54 | 80 | 2961 |
| c) | Dalitwadas electrified | Nos. | | 1357 | 1395 | 1750 | 765 | 302 | 5569 |
| d) | Weaker Section Colonies Electrified | Nos. | | 1164 | 1216 | 1500 | 784 | 322 | 4986 |
| e) | Pumpsets energised | Nos. | 250000 | 124077 | 102177 | 96160 | 37186 | 148210 | 507810 |

 Yerraguntla & Kalwakurthy(93-94), Nandyal & Anathapur(94-95), Renigunta & Moulali(95-96) and Chillakallu (96-97) 132kV SSs are upgraded to 220kV.

**5. NINTH FIVE YEAR PLAN (1997-2002),
TENTH FIVE-YEAR PLAN (2002-2007),
ELEVENTH PLAN (2007-12),
TWELFTH PLAN (2012-17)
AND
ACHEIVEMENTS FROM 2017-18 TO 2023-24**

5.1 ACHIEVEMENTS IN NINTH FIVE YEAR PLAN -FINANCIAL(1997-98 TO 2001-02)

Rs. In.Crores

| SI.No | Name of the Scheme | Ninth Plan Provision | Actuals 1997-98 | Actuals 1998-99 | Actuals 1999-00 | actuals 2000-01 | Actuals 2001-02 | Total 9th plan |
|-------|---|----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| | A.P.GENCO PLAN | | | | | | | |
| | Srisaillam Left Bank H.E.S | 1102.12 | 424.49 | 429.07 | 271.26 | 251.33 | 126.48 | 1502.63 |
| | Rayalaseema TPS Stage-I | 20.00 | 8.87 | 12.25 | 1.57 | 1.11 | 3.34 | 27.14 |
| | Direct payments by ADB | | 33.06 | | | | | 33.06 |
| | Vijayawada TPS Stage-III | 53.22 | 6.71 | 4.49 | 2.26 | 2.93 | 5.90 | 22.29 |
| | KTPS Stage-V | 130.00 | 20.00 | 50.19 | 6.04 | 6.98 | 7.16 | 90.37 |
| | Vijayawada TPS Stage-II | 2.00 | 0.16 | 0.00 | 0.03 | | | 0.19 |
| | N.S.Pumped Storage scheme stage-II | | | 0.08 | 0.16 | 0.42 | 0.10 | 0.76 |
| | N.S.Right Canal H.E.S. IIIrd Unit | | | 0.03 | 0.02 | | | 0.05 |
| | N.S.Left Canal HES Scheme | | | 0.06 | 0.02 | | | 0.08 |
| I | Penna Ahobilam H.E.Scheme | 0.50 | 0.30 | 0.34 | 0.05 | | | 0.69 |
| | Upper Sileru H.E.S. Scheme-II | 1.00 | 0.84 | 0.54 | 0.01 | | | 1.39 |
| | Mini Hydel Schemes | 16.50 | 0.46 | 0.31 | | 0.08 | 5.13 | 5.98 |
| | R&M Works of KTPS | 22.71 | 92.59 | 10.33 | 8.37 | | | 111.29 |
| | Singur H.E.S | 16.00 | 0.48 | 5.36 | 1.14 | 2.21 | 0.96 | 10.15 |
| | Rayalaseema TPS Stage-II(2x210 MW) | 244.64 | | | | | 5.76 | 5.76 |
| | HPCL-APSEB(500 MW) Joint Venture | | | | | 0.70 | 5.00 | 5.70 |
| | Jurala HES | | | | | | 1.00 | 1.00 |
| | SURVEY & INVESTIGATION | 7.50 | 0.60 | 0.68 | 0.18 | 4.87 | 9.11 | 15.44 |
| | Plan Total | 1616.19 | 588.56 | 513.73 | 291.11 | 270.63 | 169.94 | 1833.97 |
| | ADDITIONALITY | | | | | | | |
| | SLBPH & RTPP Stg I | 448.00 | | | 0.50 | 104.21 | 7.04 | 111.75 |
| | VTPS Stg III | | 114.31 | 16.61 | 14.38 | | | 145.30 |
| | KTPS'A' | | | | | 13.78 | 39.75 | 53.53 |
| | Srisaillam HEScheme Stage-II(3X110 MW) | | | 1.60 | | 1.69 | 0.29 | 3.58 |
| | R&M Works of KTPS | | | | | 185.57 | 140.49 | 326.06 |
| | R&M Works of NTS 30 MW Station | 2.23 | | 1.25 | | | 4.30 | 5.55 |
| | R&M Works of RTS | 0.63 | 0.02 | | 0.01 | | | 0.03 |
| | R&M Srisaillam | 2.47 | 0.91 | 14.14 | | | | 15.05 |
| | R&M Works of Lower Sileru | 1.83 | | 10.13 | | 1.48 | 2.17 | 13.78 |
| II | VTPS R&M works | 87.54 | 3.54 | 0.69 | 50.45 | 17.75 | 39.77 | 112.20 |
| | Additionality for RTPP | | | | | 0.64 | | 0.64 |
| | Singur HES | | | 0.69 | 1.71 | 0.38 | 0.68 | 3.46 |
| | Y2K (All Stations) | | | | | 0.37 | 1.30 | 1.67 |
| | NSHES flood protection wall | | | | | 0.32 | 0.98 | 1.30 |
| | Vizag TPS-Stage-I (2x500 MW) | | 0.32 | 0.21 | | | | 0.53 |
| | Krishnapatnam TPS Stage-I | | 0.62 | 0.03 | | | | 0.65 |
| | Simhadri TPS (2x500 MW) | | | 0.82 | | | | 0.82 |
| | Jegurupadu Gas Based Stage-II (200 MW) | 1.60 | 0.31 | 0.69 | | | | 1.00 |
| | Initial enabling works for other IPPS | 100.00 | | 0.82 | | | | 0.82 |
| | VTPS Stage IV | | | | | | 1.15 | 1.15 |
| | Total Additionality | 644.30 | 120.03 | 47.68 | 67.05 | 326.19 | 237.92 | 798.87 |
| | TOTAL APGENCO (Plan+Additionality) | 2260.49 | 708.59 | 561.41 | 358.16 | 596.82 | 407.86 | 2632.84 |

5.1 ACHIEVEMENTS IN NINTH FIVE YEAR PLAN -FINANCIAL(1997-98 TO 2001-02)

| | | | | | | | | Rs. In.Crs |
|-----------|--|-----------------|----------------|----------------|----------------|----------------|----------------|-------------------|
| Sl.No | Name of the Scheme | Ninth Plan | Actuals | Actuals | Actuals | Actuals | Actuals | Total 9th plan |
| | | Provision | 1997-98 | 1998-99 | 1999-2000 | 2000-01 | 2001-02 | |
| | APTRANSCO | | | | | | | |
| | PLAN | | | | | | | |
| I | TRANSMISSION (Normal) | 321.58 | 69.29 | 59.28 | 86.66 | | | 215.23 |
| | a)Srisailam Transmission | 478.79 | 21.43 | 95.80 | 233.81 | 51.34 | 37.40 | 439.78 |
| | b)Vizag & Simhadri Tr.Scheme | 796.40 | | | 0.09 | 142.47 | 260.48 | 403.04 |
| | c)(BPL) Ramagundam | 50.00 | | | | | | |
| | d)APL-1 scheme | | | | | 99.87 | 35.60 | 135.47 |
| | e)A.P.Hazard Mitigation Project | | | | | 11.60 | 0.23 | 11.83 |
| | f) Krishnapatnam | | | | 5.20 | | | 5.20 |
| | Total plan(I) | 1646.77 | 90.72 | 155.08 | 325.76 | 305.28 | 333.71 | 1210.55 |
| | Additionality (PFC + OECF)(I) | 1655.00 | 24.57 | 49.92 | 98.43 | 114.86 | 125.40 | 413.18 |
| | Sub Total (I) | 3301.77 | 115.29 | 205.00 | 424.19 | 420.14 | 459.11 | 1623.73 |
| II | DISCOMS | | | | | | | |
| | 1) DISTRIBUTION + S.I.WORKS | 1850.00 | 104.76 | 103.20 | 233.56 | 276.46 | 240.59 | 958.57 |
| | 2)RURAL ELECTRIFICATION | 230.00 | 22.02 | 17.44 | 29.98 | 23.96 | 15.17 | 108.57 |
| | 3)A.P.Energy efficiency Project | | | 17.94 | 8.69 | 0.28 | 0.00 | 26.91 |
| | 4)A.P.Hazard Mitigation Project | | 17.57 | 52.96 | 35.17 | 8.72 | 1.46 | 115.88 |
| | 5) A.P.P.S.Restructuring Project (APL-I) | | | | | 120.91 | 49.36 | 170.27 |
| | Total Plan Schemes (II) | 2080.00 | 144.35 | 191.54 | 307.40 | 430.33 | 306.58 | 1380.20 |
| | Additionality (II) | 1451.30 | 22.23 | 149.00 | 79.27 | 37.28 | 44.92 | 1801.83 |
| | Sub Total (II) | 3531.30 | 166.58 | 340.54 | 386.67 | 467.61 | 351.50 | 3182.03 |
| | OUTSIDE PLAN (Transmission & Distribution) | | | | | | | |
| | 1) RE-SPA Schemes | 750.00 | 13.90 | 51.75 | 99.81 | 13.76 | 10.06 | 189.28 |
| | 2) Distn.S.I.Schemes | 175.00 | 13.43 | 10.58 | 4.54 | 23.80 | 13.38 | 65.73 |
| | 3) Transmission (HVDC) | | 0.18 | 0.10 | 0.00 | | | 0.28 |
| | 4) A.P.P.S.Restructuring Project (Reforms) | | | 1.60 | | | | 1.60 |
| | 5)Cyclone works | | | | | 0.32 | | 0.32 |
| | Total Outside Plan | 925.00 | 27.51 | 64.03 | 104.35 | 37.88 | 23.44 | 257.21 |
| | NON PLAN | | | | | | | |
| | i) Loans & Advances to employees | | | | 3.01 | 1.48 | 0.48 | 4.97 |
| | | | | 0.13 | | 1.59 | 2.57 | 4.29 |
| | iii)Vehicles | | | | | 0.13 | 0.06 | |
| | vi)Furniture & Fixtures | | 0.01 | | 0.03 | 0.58 | 0.18 | 0.80 |
| | v) Office Equipment including computers | | | | | 0.59 | 1.40 | 1.99 |
| | VI) A.P.P.S.Restructuring Project (Reforms) | | | | | 0.01 | 0.01 | 0.02 |
| | vii) Spare/ Service Unit | | | | | 11.92 | 10.40 | 22.32 |
| | viii) Cyclone Works | | | | | 0.19 | 1.69 | 1.88 |
| | ix) Road Widening Works | | | | | 0.03 | 0.00 | 0.03 |
| | Total : Non-Plan | | 0.01 | 0.13 | 3.04 | 16.52 | 16.79 | 36.49 |
| | Total APTRANSCO&DISCOMS (Plan +Additionality+Out-Side Plan + Non Plan) | 7758.07 | 309.39 | 609.70 | 918.25 | 942.15 | 850.84 | 5099.46 |
| | Grand Total for APGENCO+APTRANSCO +DISCOMS (Plan+Additionality +Out-Side Plan + Non Plan) | 10018.56 | 1017.98 | 1171.11 | 1276.41 | 1571.98 | 1318.49 | 6355.97 |
| | Grand Total for APGENCO+APTRANSCO+DISCOMS (Plan+Additionality+Out-Side Plan + Non Plan) | 10018.56 | 1017.98 | 1171.11 | 1276.41 | 1538.97 | 1258.70 | 7732.30 |

5.2 ACHIEVEMENTS IN NINTH FIVE YEAR PLAN - PHYSICAL

| S.No. | Name of the Project (District) | Unit | Proposed target for 9th Plan | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | Total |
|--------------------------------|---|-----------|------------------------------|----------------|----------------|----------------|----------------|----------------|-------|
| I | Generation | | | | | | | | |
| 1 | APGenco | | | | | | | | |
| 1.a | Thermal: | | | | | | | | |
| | Kothagudem TPS Stage V | MW | 250 | 250 | - | - | - | | 250 |
| Total Thermal | | MW | 250 | 250 | | | | 0 | 250 |
| 1.b | Hydel: | | | | | | | | |
| | Srisailem Left Bank | MW | 900 | | | | | 300 | 300 |
| | Singur Hydro project | MW | 15 | | | 15 | | | 15 |
| 1.c | Mini hydel | MW | | | | | 1 | | 1 |
| Total Hydel | | MW | 915 | 0 | 0 | 15 | 1 | 300 | 316 |
| Total APGenco | | MW | 1165 | 250 | 0 | 15 | 1 | 300 | 566 |
| 2 | Joint Sector | | | | | | | | |
| | APGPCL-Vijeswaram (W.Godavari) | MW | | 60 | - | - | - | | 60 |
| 3 | Private Sector | | | | | | | | |
| 3. a | Fast Track Projects | | | | | | | | |
| i | GVK - Jegurupadu | MW | 75.5 | 75.5 | - | - | - | | 75.5 |
| ii | Spectrum - Kakinada | MW | 115.7 | 115.7 | - | - | - | | 115.7 |
| iii | Lanco(Kondapally) | MW | 355 | | | | 355 | | 355 |
| iv | BSES(Peddapuram) | MW | 220 | | | | | 140 | 140 |
| v | Gowatami(Peddapuram) | MW | 464 | | | | | | |
| vi | Vemagiri | MW | 370 | | | | | | |
| vii | Isolated Gas wells | MW | | | | 2.7 | | 18.4 | 21.1 |
| 3. b | Non-Conventional Energy Projects | | | | | | | | |
| i | Mini Hydel | MW | | 12 | 11.5 | 16.2 | 18.9 | 14.6 | 73.2 |
| ii | Wind | MW | | 1.5 | 6 | 26.25 | 3.75 | 1.69 | 39.19 |
| iii | Bagasse based co-generation | MW | | - | 9 | 5 | - | 22 | 36 |
| iv | Bio-Mass based co-generation | MW | | | | | 6.7 | 3 | 9.7 |
| v | Bio-Mass based project | MW | | | 1 | | 28 | 44.5 | 73.5 |
| vi | Mini-Power plants | MW | | | | 40.31 | | 37.8 | 78.11 |
| vii | Others | MW | | | 41 | | | | 41 |
| Total Private Sector | | MW | 1600.2 | 204.7 | 68.5 | 90.46 | 412.35 | 281.99 | 1058 |
| 4 | Central Sector Projects | | | | | | | | |
| 4. a | Kaiga Nuclear plant | MW | | | | 57.5 | 57.5 | | 115 |
| 4. b | Simhadri(NTPC) Vizag | MW | | | | | | 500 | 500 |
| Total Central Sector | | MW | | -12 (**) | | 57.5 | 57.5 | 500 | 615 |
| Total Capacity Addition | | MW | 2765.2 | 514.7 | 68.5 | 162.96 | 470.85 | 1081.99 | 2299 |
| 5 | Total Installed Capacity | MW | | 7283.60 | 7352.10 | 7515.06 | 7985.91 | 9067.90 | |
| 6 | Peak Demand | MW | | 5742 | 6480 | 6684 | 7143 | 7029 | |

(**) Central Sector Share reduced by 12 MW due to derating of MAPP

(Contd.,)

| 5.2 ACHIEVEMENTS IN NINTH FIVE YEAR PLAN - PHYSICAL | | | | | | | | | | | | |
|---|--|-------------|------------------------------|--------------------|----------------|-----------------|---------------------|--------------|---------------------|--------|--|--|
| S.No. | Name of the Project (District) | Unit | Proposed target for 9th Plan | 1997-98 | 1998-99 | 1999-2000 | 2000-01 | 2001-02 | Total | | | |
| 7 | Units Generated | | | | | | | | | | | |
| i) | Units Generated | MU | -- | 26265 | 27023 | 29632 | 26797 | 25553 | 135270 | | | |
| ii) | Units Purchased | MU | -- | 11881 | 13551 | 16137 | 15392 | 16319 | 73280 | | | |
| iii) | Gross Energy | MU | -- | 38146 | 40574 | 45769 | 42189 | 41872 | 208550 | | | |
| iv) | Units sold with in the State | MU | -- | 23943 | 24831 | 25803 | 26976 | 31443 | 132996 | | | |
| v) | Units Exported | MU | -- | 28 | 24 | 24 | 29 | - | 105 | | | |
| | * 6 MW already commissioned in the name of (M/s Varalaxmi) sugar ltd., on 10-01-2001. | | | | | | | | | | | |
| | ** Excluding Aux. Consumption | | | | | | | | | | | |
| II | Transmission & Distribution | | | | | | | | | | | |
| a) | 400 KV SS | Nos. | 8 | -- | -- | -- | 2 | 1 | 3 | | | |
| b) | 220 KV SS * | Nos. | 35 | 3 | 3 | 3 | 4 | 6 | 19 | | | |
| c) | 132 KV SS \$ | Nos. | 90 | 6 (-3) | 5 (-2) | 7 (-1) | 14 (-4) | 6 | 38 (-10) | | | |
| d) | 66 KV SS | Nos. | -- | -- (-1) | -- | -- | -- (-3) | -- | -- (-4) | | | |
| e) | 33 KV SS | Nos. | 701 | 51 | 73 | 170 | 98 | 79 | 471 | | | |
| | Sub-total (a to e) | Nos. | | 60 (-4) | 81 (-2) | 180 (-1) | 118 (-7) | 92 | 531 (-14) | | | |
| f) | 400 KV Lines | Ckm. | 4444 | | | 46 | 847 | 408 | 1301 | | | |
| g) | 220 KV lines | Ckm. | 5504 | 447 | 377 | 754 | 650 | 734 | 2962 | | | |
| h) | 132 KV lines | Ckm. | 3705 | 215 | 275 | 298 | 867 | 614 | 2269 | | | |
| i) | 66 KV lines | Km | -- | -- (-80) | -- | -- | -- (-186) | -- | -- (-266) | | | |
| j) | 33 KV lines | Km | -- | 1192 | 1343 | 1871 | 2088 | -- | 6494 | | | |
| | 33 KV UG Cable | Km | -- | | | | | | | | | |
| k) | 11 KV lines | Km | -- | 3467 | 5211 | 4400 | 3404 | 2989 | 19471 | | | |
| | 11 KV UG Cable | Km | -- | | | | | | | | | |
| l) | LT lines | Km | -- | 6995.2 | 9919 | 9735 | 7435 | 6450 | 40534 | | | |
| | Sub-total (f to l) | Km | | 12316 (-80) | 17125 | 17104 | 15291 (-186) | 11195 | 73031 (-266) | | | |
| | Distribution Transformers | Nos. | -- | 11979 | 11147 | 15087 | 15564 | 12027 | 65804 | | | |
| | Services Released (Excl.Agl.) | Nos. | | 557773 | 452491 | 472371 | 2190118 | 511846 | 4184599 | | | |
| III | Rural Electrification | | | | | | | | | | | |
| a) | Villages electrified | Nos. | -- | - | - | - | - | - | - | | | |
| b) | Hamlets electrified | Nos. | 5000 | 157 | 262 | 182 | 371 | 87 | 1059 | | | |
| c) | Dalitwadas electrified | Nos. | 5000 | 263 | 537 | 516 | 260 | 669 | 2245 | | | |
| d) | Weaker Section Colonies Electrified | Nos. | 5000 | 276 | 512 | 933 | 127 | 816 | 2664 | | | |
| e) | Pumpsets energised (Including RESCOs) | Nos. | 250000 | 33486 | 59997 | 48227 | 6660 | 267479 | ** | 415849 | | |

* 220 KV Chinakampally Sw.stn(2000-01) converted to Conventional SS.

\$ Kakinada,Siddipet,Kareemnagar (97-98), Waddekothapally & Nidadavolu (98-99),Nirmal,Parchur Sw.Stn converted to conventional 132KV SS (99-2000),Bheemgal,Medchal,Tandur,Minpur(2k-01) are upgraded to 220 kV SS's.

** Including 69199 Regularisation of Un-Authorised Agricultural services.

5.3 ACHIEVEMENTS IN TENTH FIVE YEAR PLAN -FINANCIAL (2002-03 TO 2006-07) - APTRANSCO

| | | | | | | | (Rs in Crs) |
|------------|--|----------------------|----------------|----------------|----------------|----------------|----------------|
| S No | Details | Tenth Plan Provision | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 |
| I | Transmission Plan | | | | | | |
| 1 | Simhadri Tr. Scheme | } 2904.47 | 150.29 | 101.48 | 29.75 | 6.64 | 1.29 |
| 2 | Ramagundam Tr. Scheme | | 0.49 | 0.09 | 0.09 | 12.26 | |
| 3 | Krishnapatnam Tr. Scheme | | 0.66 | | | | |
| 4 | Mahaboobnagar 400 kV Substation | | 0.01 | 2.21 | 24.71 | 9.67 | 2.35 |
| 5 | 400 kV Substations at Nellore & Chittoor | | | 4.19 | 57.43 | 24.14 | 4.34 |
| 6 | Short Gestation Tr.Scheme -I | | | | 48.33 | 13.57 | 0.53 |
| 7 | Short Gestation Tr.Scheme - II | | | | | 1.00 | 0.10 |
| 8 | Srisailam Tr. Scheme (OECF) | | 2.07 | 1.69 | | | 1.38 |
| 9 | APL1 | | 24.12 | | | | |
| 10 | APL1 (Supplemental) | | 0.44 | 17.64 | 5.02 | 18.86 | 2.76 |
| 11 | APL2 | | 1.120 | | 15.12 | 25.81 | |
| 12 | REC Scheme | | 0.08 | 58.21 | 121.21 | 88.58 | 74.40 |
| 13 | DFID | | | 1.89 | 5.23 | 5.60 | 0.09 |
| 14 | APHM & ECRP | | | | | 0.29 | 0.15 |
| 15 | PFC | | } 183.34 | 14.32 | | 74.29 | 141.20 |
| 16 | NORMAL PLAN | | | 46.29 | 45.6 | 29.54 | 42.28 |
| 17 | Boundary Metering scheme/Twin cities Transmission project(*) | | | | | 0.00 | |
| 18 | Others | | | | 62.89 | 47.93 | 228.59 |
| | Sub Total I | 2904.47 | 362.62 | 248.01 | 415.38 | 358.18 | 499.46 |
| II. | Distribution Plan | | | | | | |
| (i) | Distribution & System Improvements | } 2295.23 | | | | | |
| (ii) | Rural Electrification | | | | | | |
| (iii) | T&D Improvements | | | | | | |
| (iv) | AP Energy efficiency project | | | | | | |
| (v) | AP Power Sector Restructuring project-APL1 | | | | | | |
| (vi) | AP Hazard Mitigation Project | | | | | | |
| (vii) | APDRP | | | | | | |
| (viii) | HVDS | | | | | | |
| (ix) | OECF | | | | | | |
| | Sub Total II | 2295.23 | | | | | |
| III | Additionality (Transmission & Distribution) | | 983.54 | 1247.62 | 1301.79 | 1263.50 | 1515.18 |
| (i) | OECF/REC | } 2094.24 | | | | | |
| (ii) | DFID/APL | | | | | | |
| (iii) | APL-1 | | | | | | |
| | Sub Total III | 2094.24 | | | | | |
| IV. | Outside Plan | | | | | | |
| (i) | Rural Electrification | } 690.69 | | | | | |
| (ii) | Distn. & Sys.Improvements | | | | | | |
| (iii) | Cyclone Works | | | | | | |
| (iv) | Release of Agl services & LI schemes | | | | | | |
| | Sub Total IV | 690.69 | | | | | |
| | Grand Total | 7984.63 | 1346.16 | 1495.63 | 1717.17 | 1621.68 | 2014.64 |

5.4 ACHIEVEMENTS IN TENTH FIVE YEAR PLAN - PHYSICAL

| S No | ITEM | Unit | Tenth Plan (2002-07) Target | Provisional | | | | | Total X plan |
|--------------|--|------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| | | | | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 | |
| | | | | Achievement | Achievement | Achievement | Achievement | Achievement | |
| 1 | Electricity Sales | MU | 179638 | 31632 | 34084 | 37618 | 39652 | 44850 | 187836 |
| 2(I) | Transmission Lines | | | | | | | | |
| a) | 400 kV | CKM | 2814 | 732 | --- | --- | 653 | 130 | 1515 |
| b) | 220 kV | CKM | 5104 | 599 | 187.18 | 334.80 | 107.87 | 214.31 | 1443.16 |
| c) | 132 kV | CKM | 2245 | 379 | 237.76 | 320.42 | 543.84 | 418.744 | 1899.764 |
| 2(II) | Sub-Stations | | | | | | | | |
| a) | 400 kV | Nos | 11 | --- | --- | --- | 4 | --- | 4 |
| b) | 220 kV | Nos | 31 | 4 | 3 | 2 | 1 | 3 | 13 |
| c) | 132 kV | Nos | 73 | 5 | 19 | 19 | 15 | 13 | 71 |
| d) | 33 kV shunt capacitor banks | MVAR | --- | 55 | 10 | 35 | 10 | 160 | 270 |
| e) | 132 kV shunt capacitor banks | MVAR | --- | 150 | 60 | --- | --- | --- | 210 |
| 3 | Distribution & SI | | | | | | | | |
| a) | 33 KV Sub-stations | Nos | 600 | 182 | 206 | 145 | 168 | 179 | 880 |
| b) | Release of LT services other than agriculture | Nos | 3000000 | 566141 | 916179 | 705295 | 706895 | 968299 | 3862809 |
| c) | Release of HT Services | Nos | 2070 | 411 | 376 | 495 | 550 | 828 | 2660 |
| 4 | Rural Electrification | | | | | | | | |
| a) | Laying of conventional lines in villages already electrified with SPV Panels | Nos | 1689 | 78 | 173 | 335 | - | - | 586 |
| b) | General Hamlets | Nos | 4636 | 285 | 258 | 696 | 255 | 24 | 1518 |
| c) | Electrification of Dalitwadas | Nos | 5464 | 1586 | 3877 | 2983 | 1886 | 2602 | 12934 |
| d) | Electrification of Weaker section colonies | Nos | 5503 | 1757 | 1804 | 1239 | 1295 | 1683 | 7778 |
| e) | Tribal Hamlets | Nos | | 581 | 2531 | 1526 | 927 | 1174 | 6739 |
| f) | Energisation of Agricultural pumpsets | Nos | 250000 | 50917 | 51636 | 64760 | 66458 | 86977 | 320748 |

5.5 CAPACITY ADDITIONS / ACHIEVEMENTS FOR 10th PLAN (2002-2007)
(Gross capacities in MW)

| S.No. | Name of the Project | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 | Total X plan |
|-------------|-----------------------------------|----------------|---------------|---------------|---------------|----------------|----------------|
| I. | State Sector | | | | | | |
| 1 | Rayalaseema Stage-II | | | | | 210.00 | 210.00 |
| 2 | Srisaillam Left Bank | 450.00 | 150.00 | | | | 600.00 |
| 3 | KTPS | 10.00 | 10.00 | 20.00 | | | 40.00 |
| 4 | Jurala | | | | | | 0.00 |
| 5 | NTS | | | | -30.00 | | -30.00 |
| 6 | Mini Hydrel(Kakatiya Canal) | | 4.15 | | | | 4.15 |
| | Sub-Total State Sector | 460.00 | 164.15 | 20.00 | -30.00 | 210.00 | 824.15 |
| II. | Central Sector | | | | | | |
| 1 | NTPC Simhadri | 500.00 | | | | | 500.00 |
| 2 | Kaiga | | | | -115.00 | 139.70 | 24.70 |
| 3 | %of Central Share increased | | | | 160.94 | 98.05 | 258.99 |
| 4 | Share from Ramagundam Extn. | | | 146.00 | | | 146.00 |
| 5 | Share from Talcher TPS | 106.25 | 106.25 | 212.50 | | | 425.00 |
| | Sub-Total central Sector | 606.25 | 106.25 | 358.50 | 45.94 | 237.75 | 1354.69 |
| III. | Private Sector | | | | | | |
| 1 | GVK Extn.-I | | | | | | 0.00 |
| 2 | Vemagiri | | | | | 370.00 | 370.00 |
| 3 | Gautami Stage-I | | | | | | 0.00 |
| 4 | BSES, Andhra | 80.00 | | | | | 80.00 |
| 5 | Konaseema | | | | | | 0.00 |
| 6 | OTHERS (Lanco Kondapally) | | | | -2.26 | | -2.26 |
| 7 | Nagarjuna Electric Generating Co. | | | | -20.00 | | -20.00 |
| 8 | MPPs Reconciled | | | | 0.80 | | 0.80 |
| | Sub-total Private sector | 80.00 | 0.00 | 0.00 | -21.46 | 370.00 | 428.54 |
| IV. | Other Projects | | | | | | |
| 1 | Mini Power Plants | 15.40 | | | | | 15.40 |
| 2 | Non conventional (NEDCAP) | 111.30 | 96.33 | 31.65 | 51.00 | 27.37 | 317.65 |
| | Sub-total Other projects | 126.70 | 96.33 | 31.65 | 51.00 | 27.37 | 333.05 |
| | Total | 1272.95 | 366.73 | 410.15 | 45.48 | 845.12 | 2940.43 |
| | Grand Total | | | | | 2940.43 | |

Note:Srisaillam LBPH 600 MW was added during 2002-04 of 10 th Plan by APGENCO.

111 MW of Non conventional (NEDCAP) power was commissioned during 2002-03

The 1st and 2nd units at NTPC/Talcher-II were commissioned on 4-01-2003 and 25-10-2003 respectively and AP has got a share of 106.25 MW each from these units.

**5.6 Proposed Capacity Additions During 11th plan period
(2007-08 to 2011-12)**

| Sl. No. | Name of the Project | Capacity Envisaged (MW) | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total 11th Plan |
|------------|---|-------------------------|---------------|--------------|----------------|----------------|---------------|-----------------|
| I | State Sector (APGENCO) | | | | | | | |
| | Rayalaseema TPP Stg-II (2X210) Unit -II | 210 | 210 | | | | | 210 |
| | Rayalaseema TPP Stg-III (1X210) | 210 | | | | 210 | | 210 |
| | Vijayawada TPS Stage-4 | 500 | | | 500 | | | 500 |
| | Kakateeya TPS (Bhupalapalli) Stg-I (1X500) | 500 | | | 500 | | | 500 |
| | Kothagudem Stg-6 (1X500) | 500 | | | | | 500 | 500 |
| | Jurala Hydro Plant (6X39) | 234 | 39 | 39 | 39 | 78 | 39 | 234 |
| | Pochampad HES Unit – 4 (1X9) | 9 | | | | 9 | | 9 |
| | Other State Sectors | | | | | | 2.2 | 2.2 |
| | Total State Sector | 2163 | 249 | 39 | 1039 | 297 | 541.2 | 2165.2 |
| II | Private Sector (Gas Based) | | | | | | | 0 |
| | GVK Extn-I | 220 | | | 220 | | | 220 |
| | Gautami Stage-I | 464 | | | 464 | | | 464 |
| | Konaseema | 444.08 | | | 280 | 164.08 | | 444.08 |
| | Total Private Sector | 1128.08 | 0 | 0 | 964 | 164.08 | 0 | 1128.08 |
| III | Central Generating Stations | | | | | | | 0 |
| | Simhadri Expansion | 384 | | | | | 226.1 | 226.1 |
| | CGS share increased / decreased | | 108.53 | | 85.32 | -237.03 | | -43.18 |
| | Kaiga Stage-IV | 71.17 | | | | 71.17 | | 71.17 |
| | Solar Power Under JLNNM (Phase-I) | | | | | | 7.76 | 7.76 |
| | Total CGS | 455.17 | 108.53 | 0 | 85.32 | -165.86 | 233.86 | 261.85 |
| IV | Non-Conventional Projects (NEDCAP) | 480.31 | 27.75 | 6.66 | 109.95 | 82.3 | 98.39 | 325.05 |
| | Total Capacity Programmed in 11th plan | 4226.56 | 385.28 | 45.66 | 2198.27 | 377.52 | 873.45 | 3880.18 |

| 5.7 ACHIEVEMENTS IN 11th FIVE YEAR PLAN - PHYSICAL | | | | | | | | | |
|--|--|------|-------------|-------------|-------------|-------------|-------------|-----------|--|
| S No | ITEM | Unit | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total | |
| | | | Achievement | Achievement | Achievement | Achievement | Achievement | 11th Plan | |
| 1 | Electricity Sales | MU | 48390.42 | 53215 | 59118 | 62619 | 69955.05 | 293297.86 | |
| 2(I) | Transmission Lines | | | | | | | | |
| a) | 400 kV | CKM | 171.56 | 21.14 | 163.67 | 135.51 | 0 | 491.88 | |
| b) | 220 kV | CKM | 452.4 | 265.88 | 190.60 | 184.55 | 744.84 | 1838.27 | |
| c) | 132 kV | CKM | 392.2 | 233.05 | 164.88 | 483.48 | 328.23 | 1601.84 | |
| 2(II) | Sub-Stations | | | | | | | | |
| a) | 400 kV | Nos | 1 | 1 | | 1 | 0 | 3 | |
| b) | 220 kV | Nos | 8 | 3 | 3 | 4 | 10 | 28 | |
| c) | 132 kV | Nos | 8 | 5 | 8 | 19 | 14 | 54 | |
| d) | 33 KV shunt capacitor banks | MVAR | 15 | | | | | 15 | |
| e) | 132 kV shunt capacitor banks | MVAR | --- | | | | | 0 | |
| 3 | Distribution & SI | | | | | | | | |
| a) | 33 KV Sub-stations | Nos | 202 | 301 | 359 | 173 | 169 | 1204 | |
| b) | Release of LT services other than agriculture | Nos | 1022287 | 1125361 | 1057756 | 986043 | 973718 | 5165165 | |
| c) | Release of HT Services | Nos | 1156 | 1335 | 1155 | 1162 | 1337 | 6145 | |
| 4 | Rural Electrification | | | | | | | | |
| a) | Laying of conventional lines in villages already electrified with SPV Panels | Nos | | | | | | | |
| b) | General Hamlets | Nos | 119 | 58 | 39 | 102 | 331 | 649 | |
| c) | Electrification of Dalitwadadas | Nos | 1530 | 584 | 83 | 101 | 68 | 2366 | |
| d) | Electrification of Weaker section colonies | Nos | 1783 | 1996 | 196 | 99 | 179 | 4253 | |
| e) | Tribal Hamlets | Nos | 1319 | 1016 | 1186 | 165 | 302 | 3988 | |
| f) | Energisation of Agricultural pumpsets | Nos | 71835 | 81036 | 88604 | 139731 | 152908 | 534114 | |

220kv Malkaram,Peddapuram Switching stations converted to Conventional SS(2007-08)

5.8 ACHIEVEMENTS IN 11th FIVE YEAR PLAN -FINANCIAL APTRANSCO

(Rs in Crs)

| S No | Details | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | Total 11th Plan |
|---|---|----------------|----------------|----------------|----------------|----------------|-----------------|
| I) 400 KV Schemes | | | | | | | |
| 1 | 400kV ring main around twin cities of Hyd and RR District | 1.45 | 13.80 | 48.21 | 20.09 | 147.39 | 230.94 |
| 2 | Simhadri & Vizag Transmission scheme | 0.04 | -0.24 | -15.83 | | | -16.03 |
| 3 | System improvement (Erection of 400kv SS at Nellore and Chittoor) | -0.99 | -0.13 | | | | -1.12 |
| 4 | Erection of 400kv Dichpally Gajwel SS and associated Transmission lines | 87.09 | 48.48 | 10.41 | 10.10 | 0.28 | 156.36 |
| 5 | 400kv Bhoopalapally Transmission scheme | 0.07 | 1.67 | 57.97 | 26.77 | 55.67 | 142.15 |
| 6 | System improvement (Erection of 400kv SS at Mahaboobnagar) | 0.22 | -0.07 | | | | 0.15 |
| 7 | 400kv Augmentation scheme | 13.06 | 14.83 | 34.86 | 2.81 | 1.69 | 67.25 |
| 8 | Short Genstation Transmission Project-I | 0.70 | 0.00 | | | | 0.70 |
| 9 | Short Genstation Transmission Project-II | 6.18 | 0.76 | 14.20 | 7.39 | 83.90 | 112.43 |
| 10 | Vijayawada power transmission scheme | | 14.70 | 18.23 | 78.41 | 80.09 | 191.43 |
| 11 | 400kV Kothagudem Power Transmission Scheme | | 0.01 | 38.72 | 44.20 | 3.25 | 86.18 |
| 12 | JBIC | | 0.04 | | | | 0.04 |
| 13 | 400kv Krishnapatnam Transmission scheme | | | 0.04 | 0.33 | 56.03 | 56.40 |
| 14 | Renovation & Modernisation scheme | | | | 13.67 | 9.28 | 22.95 |
| 15 | 400kV Reactor scheme | | | | 0.07 | 9.10 | 9.17 |
| Sub-Total-I | | 107.82 | 93.85 | 206.81 | 203.84 | 446.68 | 1059.00 |
| II) Construction Schemes | | | | | | | |
| 1 | Normal plan | 16.97 | 16.98 | 45.19 | 31.35 | 20.27 | 130.76 |
| 2 | Scheme under PFC /Bank funding | 191.63 | 267.48 | 286.31 | 256.59 | 317.39 | 1319.40 |
| 3 | Scheme under REC funding | 67.53 | 37.27 | 25.20 | 11.24 | 17.06 | 158.30 |
| 4 | DC/Bulk load works | 67.01 | 110.12 | 148.13 | 187.29 | 56.86 | 569.41 |
| 5 | GIS &UG Cable Project in HMDA Area | | | 156.72 | 342.54 | 270.49 | 769.75 |
| Sub-Total-(II) | | 343.14 | 431.85 | 661.55 | 829.01 | 682.07 | 2947.62 |
| III) Others | | | | | | | |
| 1 | Office Equipment | 3.20 | 2.94 | 3.41 | 5.82 | 5.50 | 20.87 |
| 2 | Furniture & Fixtures | 0.11 | 0.16 | 0.24 | 0.58 | 1.85 | 2.94 |
| 3 | Buildings | 2.40 | 0.14 | 0.73 | 0.14 | 2.07 | 5.48 |
| 4 | Communication, Meter Testing, Misc equipment | | | 0.72 | | | 0.72 |
| 5 | Vehicles | | | 0.88 | 0.93 | | 1.81 |
| Sub-Total-(III) | | 5.71 | 3.24 | 5.98 | 7.47 | 9.42 | 31.82 |
| IV) Interest During Construction (IDC) Capitalised | | 25.39 | 26.97 | 32.57 | 52.03 | 82.92 | 219.88 |
| Total Transmission | | 482.06 | 555.91 | 906.91 | 1092.35 | 1221.09 | 4258.32 |
| 1 | Distribution | 1754.42 | 1872.75 | 1942.43 | 1577.26 | 2147.81 | 9294.67 |
| Total | | 2236.48 | 2428.66 | 2849.34 | 2669.61 | 3240.16 | 13424.25 |

**5.9 Capacity Additions During 12th plan period
(2012-13 to 2017-18)**

(MW)

| Sl. No. | Name of the Project | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | Total 12th Plan |
|------------|---|---------------|---------------|----------------|----------------|----------------|-----------------|
| I | State Sector (APGENCO) | | | | | | |
| 1 | Nagarjuna Sagar Tail Pond (2x25MW) | | | | | 50 | 50 |
| | Lower Jurala (6x40MW) | | | | | | 0 |
| | Pulichintala (4x30MW) | | | | | | 0 |
| | Polavaram (12x80MW) | | | | | | 0 |
| | Vijayawada TPS Stage V (1x800 MW) | | | | | | |
| | Rayalaseema TPP Stage IV Unit 6 (1x600 MW) | | | | | | |
| | Kakatiya TPP Stage II (1x600 MW) Unit-2 | | | | | | |
| | Kakatiya TPP Stage III (1x800 MW) Unit-1 | | | | | | |
| | Kothagudem TPS Stage VII (1x800 MW) | | | | | | |
| | Krishnapatnam TPP (JVP) Stage I (2x800 MW) | | | 800 | | | 800 |
| | Krishnapatnam TPP (JVP) Stage II (1x800 MW) | | | | 800 | | 800 |
| | Karimnagar Gas PP Stage I (1X700MW) | | | | | | 0 |
| | Karimnagar Gas PP Stage II (2X700MW) | | | | | | 0 |
| | Vodarevu Ultra mega power Project (5x800MW) | | | | | | 0 |
| | Ramagundam TPS (2x660) | | | | | | |
| | Srikakulam Thermal power plants(4x600) | | | | | | 0 |
| | Solar | | | | | 5.426 | 5.426 |
| | Sub-Total State Sector | 0 | 0 | 800 | 800 | 55.426 | 1650 |
| II | Medium / Case-1 Bid | | | | | | |
| | Corporate Power (MT) | | | | | | |
| | KSK Mahanadi (MT) | | | | | | |
| | East Coast Energy Pvt Ltd (Srikakulam) | | | | | | 0 |
| | Thermal Power Tech Ltd.(Nellore) | | | | 230.55 | | 230.55 |
| | Krishnapatnam Power Corp.Ltd.(Nellore) | | | | | | 0 |
| | Sub-Total | 0 | 0 | 0 | 230.55 | 0 | 230.55 |
| III | Private Projects | | | | | | |
| | Hinduja Power Plant | | | | 520 | 520 | 1040 |
| | Krishnapatnam Ultra Mega Power Project (2x800MW) | | | | | | 0 |
| | Singareni | | | | | | 0 |
| | UMPP Cheyyur | | | | | | 0 |
| | Sub-Total | 0 | 0 | 0 | 520 | 520 | 1040 |
| IV | Non-conventional Projects | | | | | | |
| | Wind | 193.90 | 232.60 | 285.2 | 400.1 | 2187.45 | 3299.25 |
| | Solar | 2.00 | 23.00 | 72.7 | 435.49 | 1295.76 | 1828.95 |
| | Mini Hydel | | | | | | 0 |
| | Bio-Mass,Bagasse Co-generation,Industrial Waste,Municipal Waste | 4.48 | | | 7.5 | 4.77 | 16.75 |
| | Sub-Total | 200.38 | 255.60 | 357.90 | 843.09 | 3487.98 | 5144.95 |
| V | Central Generating Stations | | | | | | |
| | Kudigi (5x800) | | | | | | 0 |
| | Vallur U-I, 500MW(JV of NTPC & Tamilnadu Energy co Ltd) | 64.45 | 72.43 | | | | |
| | Tuticorin joint venture Plant | | | | | | 0 |
| | Neyveli | | | | | | 0 |
| | Kalpakam | | | | | | 0 |
| | Pudimadaka | | | | | | 0 |
| | Sirkali | | | | | | 0 |
| | Bhutan Hydro | | | | | | 0 |
| | Change in Central Share increased/Decreased | | | 64.13 | | -45.105 | |
| | Sub-Total | 64.45 | 72.43 | 64.13 | 83.22 | -45.105 | 0 |
| | Total Capacity Addition in 12th plan | 264.83 | 328.03 | 1222.03 | 2476.86 | 4018.30 | 8065.50 |

| 5.10 ACHIEVEMENTS IN 12th FIVE YEAR PLAN - PHYSICAL | | | | | | | | |
|---|--|------|-------------|-------------|-------------|-------------|-------------|------------|
| S No | ITEM | Unit | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | Total |
| | | | Achievement | Achievement | Achievement | Achievement | Achievement | 12th Plan |
| 1 | Electricity Sales | MU | 67604.18 | 73126.20 | 40429 | 44439 | 47177.06 | 272775.086 |
| 2(I) | Transmission Lines | | | | | | | |
| a) | 400 kV | CKM | 803.83 | 145 | 301.65 | 234.82 | 714.95 | 2200.245 |
| b) | 220 kV | CKM | 295.5 | 470.75 | 242.74 | 456.24 | 594.42 | 2059.65 |
| c) | 132 kV | CKM | 344.85 | 382.07 | 156.62 | 327.59 | 306.96 | 1518.09 |
| 2(II) | Sub-Station | | | | | | | |
| a) | 400 kV | Nos | 1 | 1 | 0 | 0 | 4 | 6 |
| b) | 220 kV | Nos | 8 | 3 | 0 | 4 | 9 | 24 |
| c) | 132 kV | Nos | 5 | 17 | 3 | 12 | 11 | 48 |
| d) | 33 kV shunt capacitor banks | MVAR | 5 | | 0 | 21.6 | 144 | 170.6 |
| e) | 132 kV shunt capacitor banks | MVAR | | | | | | 0 |
| 3 | Distribution & SI | | | | | | | |
| a) | 33 KV Sub-stations* | Nos | 313 | 298 | 109 | 129 | 53 | 902 |
| b) | Release of LT services other than agriculture | Nos | 933550 | 845372 | 433342 | 608035 | 806690 | 3626989 |
| c) | Release of HT Services | Nos | 1570 | 1295 | 502 | 513 | 610 | 4490 |
| 4 | Rural Electrification | | | | | | | |
| a) | Laying of conventional lines in villages already electrified with SPV Panels | Nos | 0 | 0 | 0 | 0 | 0 | 0 |
| b) | General Hamlets | Nos | 75 | 0 | 0 | 0 | 0 | 75 |
| c) | Electrification of Dalitwadas | Nos | 0 | 7 | 87 | 3 | 0 | 97 |
| d) | Electrification of Weaker section colonies | Nos | 0 | 0 | 0 | 0 | 0 | 0 |
| e) | Tribal Hamlets | Nos | 0 | 10 | 47 | 128 | 543 | 728 |
| f) | Energisation of Agricultural pumpsets | Nos | 0 | 0 | 60828 | 72360 | 75403 | 208591 |

* 33KV SS figures were reconciled with AP DISCOMS

5.11 ANNUAL ACHIEVEMENTS FROM 2017-18 TO 2024 - PHYSICAL

| S No | ITEM | Unit | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
|--------------|--|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | Achievement | Achievement | Achievement | Achievement | Achievement | Achievement | Achievement |
| 2(I) | Transmission Lines | | | | | | | | |
| a) | 400 kV | CKM | 955.04 | 748.64 | - | 127.2 | 0 | 6.79 | 6.61 |
| b) | 220 kV | CKM | 484.15 | 399.17 | 254.94 | 74.57 | 110.13 | 124.85 | 697.62 |
| c) | 132 kV | CKM | 628.80 | 517.46 | 179.97 | 444 | 602.56 | 333.57 | 207.79 |
| 2(II) | Sub-Stations | | | | | | | | |
| a) | 400 kV | Nos | 1 | 4 | - | 1 | - | 1 | 0 |
| b) | 220 kV | Nos | 3 | 6 | 7 | 1 | 3 | 3 | 3 |
| c) | 132 kV | Nos | 14 | 6 | 8 | 6 | 8 | 5 | 4 |
| d) | 33 kV shunt capacitor banks | MVAR | 64.8 | 122.4 | 14.4 | 14.4 | 0 | 28.8 | 115.2 |
| e) | 132 kV shunt capacitor banks | MVAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | Distribution & SI | | | | | | | | |
| a) | 33 KV Sub-stations* | Nos | 187 | 66 | 95 | 67 | 60 | 54 | 192 |
| b) | Release of LT services other than agriculture | Nos | 574152 | 598217 | 759888 | 533082 | 659314 | 347995 | 672612 |
| c) | Release of HT Services | Nos | 672 | 883 | 1069 | 504 | - | 863 | 974 |
| 4 | Rural Electrification | | | | | | | | |
| a) | Laying of conventional lines in villages already electrified with SPV Panels | Nos | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| b) | General Hamlets | Nos | 0 | 0 | 0 | 13 | 0 | 0 | 0 |
| c) | Electrification of Dalitwadas | Nos | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| d) | Electrification of Weaker section colonies | Nos | 0 | 0 | 0 | 33 | 0 | 0 | 0 |
| e) | Tribal Hamlets | Nos | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| f) | Energisation of Agricultural pumpsets | Nos | 63412 | 86430 | 65576 | 74734 | 71276 | 124220 | 69404 |

* 33KV SS figures were reconcilled with AP DISCOMS

5.12 ACHIEVEMENTS IN 12th FIVE YEAR PLAN -FINANCIAL APTRANSCO

(Rs in Crs)

| S No | Details | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | Total 12th Plan |
|---|--|----------------|----------------|---------------|----------------|----------------|-----------------|
| I) 400 KV Schemes | | | | | | | |
| 1 | 400 kV Ring main around twin cities of Hyd and RR District | 90.55 | 9.54 | | | | 100.09 |
| 2 | 400kV Bhoopalapally Transmission scheme | 16.58 | 4.46 | | | | 21.04 |
| 3 | 400 kV Jaipur Transmission scheme | | 106.77 | | | | 106.77 |
| 4 | 400kv Augmentation scheme | 3.09 | 24.78 | | | | 27.87 |
| 5 | Suryapeta SS & System Improvement Scheme | | 17.16 | 147.16 | 48.49 | 10.83 | 223.64 |
| 6 | Short Genstation Transmission Project-II | 63.89 | 145.58 | 34.22 | 2.30 | 1.30 | 247.29 |
| 7 | Vijayawada Power Transmission scheme | 40.38 | 7.61 | | 2.61 | | 50.60 |
| 8 | 400 kV Kothagudem Power Transmission Scheme | 0.17 | | | | | 0.17 |
| 9 | 400 kV Augmentation scheme III | | 14.27 | 4.23 | | 13.01 | 31.51 |
| 10 | 400 kV Krishnapatnam Transmission scheme | 206.99 | 223.76 | 41.68 | 30.32 | 2.93 | 505.68 |
| 11 | Renovation & Modernisation scheme | 35.86 | 33.41 | 13.13 | 24.36 | 9.22 | 115.98 |
| 12 | 400kV Reactor scheme I & II | 6.57 | 1.26 | 5.77 | | | 13.60 |
| 13 | Transmission Evacuation Scheme of M/s HNPCL | | 10.50 | 6.63 | 158.11 | 138.07 | 313.31 |
| 14 | Other Assets & Schemes | | 74.01 | 33.93 | 12.12 | 86.80 | 206.86 |
| 15 | Wind Power Transmission Scheme | | | 146.25 | 977.47 | 251.36 | 1375.08 |
| 16 | Rayalaseema Thermal Plant Power Transmission scheme | | | 7.10 | 94.91 | | 102.01 |
| 17 | Garividi & Pydibhimavaram Transmission system improvement | | | 10.20 | 35.68 | | 45.88 |
| 18 | Chittoor Nellore Power Transmission Scheme | | | | 36.88 | | 36.88 |
| 19 | Erection of 400/220KV SS at Podili,Prakasam Dt | | | | 4.67 | 112.95 | 117.62 |
| Sub-Total-I | | 464.08 | 673.11 | 450.30 | 1427.92 | 626.47 | 3641.88 |
| II) Construction Schemes | | | | | | | |
| 1 | Normal plan (AP Transco Funds) | 4.36 | 38.80 | 6.84 | 151.20 | 263.78 | 464.98 |
| 2 | Schemes under Bank funding | 216.85 | 130.66 | 241.14 | 90.38 | 187.12 | 866.15 |
| 3 | Schemes under PFC funding | 35.83 | 41.92 | 56.56 | 99.79 | 259.54 | 493.64 |
| 4 | Schemes under REC funding | 54.39 | 60.02 | 57.77 | 92.69 | 447.52 | 712.39 |
| 5 | DC/Bulk load works | 46.05 | 62.21 | 5.81 | 41.73 | 133.86 | 289.66 |
| 6 | GIS &UG Cable Project in HMDA Area | 207.07 | 242.93 | | | | 450.00 |
| 7 | HNSS (BL&DC) | | | 19.80 | 55.66 | 1.35 | 76.81 |
| 8 | GKLI (BL&DC) | | | 39.95 | 48.80 | 22.73 | 111.48 |
| Sub-Total-(II) | | 564.55 | 576.54 | 427.87 | 580.25 | 1315.90 | 3465.11 |
| III) Others | | | | | | | |
| 1 | Office Equipment | 2.74 | 5.26 | 3.77 | 5.81 | 15.42 | 33.00 |
| 2 | Furniture & Fixtures | 0.17 | 0.45 | 0.41 | 0.22 | 0.18 | 1.43 |
| 3 | Buildings | -0.40 | 2.08 | 0.28 | 0.06 | 9.87 | 11.89 |
| 4 | Communication,Meter Testing,Misc equipment | 2.26 | | | | | 2.26 |
| 5 | Vehicles | 3.56 | | | | | 3.56 |
| 6 | Plant and Machinery | | | 6.94 | 4.08 | 80.57 | 91.59 |
| 7 | Advance to Suppliers | | | 1.14 | 5.02 | 17.77 | 23.93 |
| 8 | NABARD | | | | | 19.45 | 19.45 |
| 9 | CWIP | | | | | 28.6 | 28.60 |
| Sub-Total-(III) | | 8.33 | 7.79 | 12.54 | 15.19 | 171.86 | 215.71 |
| IV) Interest During Construction (IDC) Capitalised | | 98.6 | 115.53 | 78.00 | 125.09 | 186.21 | 603.43 |
| Total Transmission | | 1135.56 | 1372.97 | 968.71 | 2148.45 | 2300.44 | 7926.13 |

5.13 ACHIEVEMENTS IN 2017-18 -FINANCIAL APTRANSCO

| Sl.No. | Particulars | Amount (Rs. In Crores) |
|---------------|---|---------------------------------------|
| 1 | Erection of 400/220KV SS at Podili,Prakasam Dt | 0.83 |
| 2 | Vijayawada Power Transmission Scheme | 2.42 |
| 3 | Erection of 400/220KV SS at Kalikiri,Chittor Dt | 62.82 |
| 4 | Rayalaseema Power Transmission Scheme | 355.10 |
| 5 | Short Gestation Power Transmission Scheme | 0.65 |
| 6 | Wind Power | 158.25 |
| 7 | M/s Hinduja National Power Co poration Ltd. | 382.54 |
| 8 | Rennovation & Modernisation Scheme | 22.18 |
| 9 | Schemes under Banks funding | 65.09 |
| 10 | Normal Plan | 14.90 |
| 11 | Schemes under PFC funding | 84.47 |
| 12 | Schemes under REC funding | 41.74 |
| 13 | Furniture & Fixtures | 0.95 |
| 14 | Office Equipment | 4.05 |
| 15 | Buildings | 14.47 |
| 16 | Plant and Machinery | 201.69 |
| TOTAL | | 1412.15 |

5.14 ACHIEVEMENTS IN 2018-19 -FINANCIAL APTRANSCO

| Sl.No. | Particulars | Amount (Rs. In Crores) |
|---------------|---|-----------------------------------|
| 1 | Re-alignment of existing 400 KV TMDC Line from Srisailam to 400 KV Nunoor SS for providing required clearance for proposed new airport at Orvakal in KNL Dist. | 1.33 |
| 2 | Evacuation of wind power in Kadapa, Anantapur & Kurnool | 115.54 |
| 3 | Evacuation of wind power in Kadapa, Anantapur & Kurnool (Phase - II) | 87.60 |
| 4 | Evacuation of 1000 MW Power from Solar Park at Gani / Panyam in KNL Dist. | 22.41 |
| 5 | Evacuation of Power from 500 MW Solar Power Project by APGENCO at Talaricheruvu (V), Tadipatri (M), ATP Dist. | 79.53 |
| 6 | Reactors Scheme - III | 6.46 |
| 7 | System improvement scheme for erection of 400 KV SS at Rachagunneri, Chittoor Dist. With one 220 KV SS chervi, Chittoor and one 132 KV SS at Yerpedu | 61.76 |
| 8 | Erection of 400 KV SS at Kalkiri, in Chittoor Dist and connected network, under system strengthening works | 66.52 |
| 9 | Realignment of existing 400 KV DC line from SSLM to Sattenapalli for enabling crossing of proposed new Board gauge railway line Nadikudi to Sri Kalahasthi | 5.68 |
| 10 | Re-routing of 400 KV DC line (from VPTS to Sattenapalli 400/220 KV SS) passing through VIT - AP - University, Amaravati Campus | 1.29 |
| 11 | 400 KV vijayawada Power Transmission Scheme | 0.16 |
| 12 | Krishnapatnam Power Transmission | 0.06 |
| 13 | Evacuation of power from M/s Hinduja National Power Corporation Limited | 7.88 |
| 14 | Dr.NTTPS vijayawada (Stage V, 800 MW) Power Corporation Limited | 0.02 |
| 15 | Erection of Garividi 400/220 KV SS in Vizianagaram Dist and Pydibhimavaram 220/132 KV SS in Srikakulam Dist Connected Network under Transmission System Improvement | 522.88 |
| 16 | Erection of 400/220 KV SS at Podili, Prakasam Dist and connected network, on stand alone basis under system strengthening works | 335.18 |
| 17 | Erection of 400/220/132 KV Suryapet Substaion, in Nalgonda District and connected network under transmission system improvement, on stand alone basis (AP Portion) | 1.32 |
| 18 | Renovation & Modernisation Scheme | 90.00 |
| 19 | Schemes under Normal Plan | 82.14 |
| 20 | Schemes under Bank funding | 55.13 |
| 21 | Schemes under REC funding | 192.98 |
| 22 | Schemes under DC/Bulk Loads Works (Lift Irrigation) | 14.76 |
| 23 | Schemes under DC/Bulk Loads Works (Constrction) | 79.79 |
| 24 | Schemes under PFC funding | 37.40 |
| 25 | Schemes under Govt. funding | 99.06 |
| TOTAL | | 1966.88 |

5.15 ACHIEVEMENTS IN 2019-20 -FINANCIAL APTRANSCO

| Sl.No. | Particulars | Amount (Rs. In Crores) |
|--------------|---|---------------------------|
| 1 | 400 KV DC line from Vemagiri to K. Kota | 68.86 |
| 2 | 400 KV DC line from Sattenapalli to Podili | 17.75 |
| 3 | LILO of 400/220 KV line reactor & Trans bay at Podili | |
| 4 | 400 KV Bay extension at Sattenapalli | |
| 5 | 315 MVA Transformers bay at Vemagiri | |
| 6 | 125 MVAR bus reactor at Sattenapalli | |
| 7 | Erection portion of 315 MVA transformer at Manubolu | |
| 8 | 400 KV SS at Gudivada land acquisition | |
| 9 | Survey of 400 KV DC line from Gudivada to CH.PET | |
| 10 | 400/220 KV SS at Tallayapalem | 14.45 |
| 11 | 500 MVA Transformer at Manubolu | 0.38 |
| 12 | PE-12-04 Rayalaseema (stage-IV) power trans scheme | 0.48 |
| 13 | 400/200 KV Talaricheruvu SS & 400 KV twin RTPP - Peddajangampalli | 26.28 |
| 14 | LILO of RTPP(IV) - CTR to Kalikiri SS | 20.81 |
| 15 | 315 MVA PTR at 400 KV SS Chittoor | 0.01 |
| 16 | RMI works of 2017-18 CETRANS | 0.01 |
| 17 | 400/200/132 KV Rachaguneri SS | 126.50 |
| 18 | RNV & UG of PROY sys CETRANS | 0.00 |
| 19 | Bay FR 3rd 315 MVA & 80 MVA react at JMD | 9.67 |
| 20 | Indent for Thermoviso scanner | 0.06 |
| 21 | Indent for drawls telecom panels 400 CTR | 0.08 |
| 22 | Kurnool 400 KV quad bay EXTENS | 14.04 |
| 23 | 125 MVAR bus reactor at chittoor | 0.32 |
| 24 | PROC. of desktops, printers - 400 KV O & M VSP | 0.02 |
| 25 | 1 No 500 MVA T/F at Kalpaka 400 KV SS | 0.64 |
| 26 | AUG of PTR 400 KV Maradam (3rd 500 MVA) & Erection of 400 KV QMDC line from 400 KV Kalapaka SS to proposed 400 KV SS Maradam (Garividi) | 1.19 |
| 27 | 400 KV Polavaram HPS- Guddigudem QMDC Line | 0.01 |
| 28 | Civil, Const., Erection, Testing & Commng. Of bay extn of 125 MVAR Bus reactor at 400 KV Vemagiri SS & 125 MVAR Bus reactor at Vemagiri | 1.35 |
| 29 | Orders paid to O & M works | 0.21 |
| 30 | Renovation & Modernisation Scheme | 2.94 |
| 31 | Augmentation (REC) | 80.50 |
| 32 | Augmentation (Govt. Funding) | 131.32 |
| 33 | Schemes under Normal Plan | 130.53 |
| 34 | Schemes under Bank funding | 15.24 |
| 35 | Schemes under REC funding | 393.59 |
| 36 | Schemes under DC/Bulk Loads Works (Lift Irrigation) | 54.32 |
| 37 | Schemes under DC/Bulk Loads Works (Constrection) | 53.84 |
| 38 | Schemes under PFC funding | 49.63 |
| 39 | Schemes under Govt. funding | 162.05 |
| TOTAL | | 1387.65 |

5.16 ACHIEVEMENTS IN 2020-21 -FINANCIAL APTRANSCO

| Sl.No. | Particulars | Amount (Rs. In Crores) |
|--------|---|---------------------------|
| 1 | 220/132/33 KV SS at Tiruvuru in krishna | 3.98 |
| 2 | Erection of 125 MVAR 400 KV Bus Reactors | 39.43 |
| 5 | 132/33KV SS at T.Narasapuram & Lines | 3.32 |
| 6 | 132/33KV SS at Nallacheruvupalli in Kadapa | 8.18 |
| 7 | 132/33KV SS at Ananthasagaram in SPSR NE | 22.50 |
| 8 | 132/33KV Feat at 220 KV Pallantla SWT.S I | 4.08 |
| 9 | 2nd Ckt on 132KV Martur -Yadavali Line | 1.08 |
| 10 | 2nd Ckt from 132kv Pamarru-Avanigadda DC | 0.28 |
| 11 | 2nd Ckt from 132kv SS Nuzividu-Khambampad | 0.66 |
| 12 | 2nd Ckt on 132 KV Tadikonda - Gujjanagundla | 0.19 |
| 13 | 2nd Ckt from 132kv Gudur-Chendodu DC/SC I | 3.20 |
| 14 | 2nd Ckt on 132KV Repalle-Bapatla DC/SCLN | 0.28 |
| 15 | 2nd Ckt on 132KV Repalle-Chakrapalem | 0.26 |
| 16 | 2nd Ckt STRNG from 220KV Podili-Darsi SS | 2.11 |
| 17 | 2nd Ckt from 220KV Podili-Lingasamudram | 3.30 |
| 18 | 2nd Ckt from 132kv Medarametla to Addank | 1.56 |
| 19 | R/O panther cond with HTLS-Undi-Bhvrn LN | 6.61 |
| 20 | R/O LYNX COND with HTLS-GDL-Autonagar | 0.96 |
| 21 | Erect. of 132/33kv SS Dwaraka Tirumala W | 2.21 |
| 22 | Erect. of 132/33kv SS Dharmajigudrm in W | 1.11 |
| 23 | LILO of existing 132kv Bhimadole-Nidadav | 1.10 |
| 24 | 132kv Chilakalu -Nandigama DC/SC line KR | 0.23 |
| 25 | 220/33kv SS Ammavaripalli, Ananthpur DIST | 0.60 |
| 26 | 33KV feat. at 220/132KV SS Bobbili growth | 2.08 |
| 27 | LILO OF 220Kv Tadikonda - Ongole SC line G | 1.42 |
| 28 | 33kv Feat.at 220/11kv LIS SS Purushothap | 2.05 |
| 29 | 33KV features at 220/11KV SS Pattiseema | 0.74 |
| 30 | Erection of 220/33kv SS Akiveedu in West | 7.18 |
| 31 | 33KV FEAT. 220/33kv Bavojiipeta (Korukonda | 1.79 |
| 32 | 132&33KV features - 220/11KVSS Ramavaram | 4.93 |
| 33 | 220/33kv SS at Chinturu in East Godavari | 1.52 |
| 34 | Erection of 400 GIS ss at Thallayapalem | 101.36 |
| 35 | 220KVDC LN Lower Sileru-Rampachodavaram & BA | 0.90 |
| 36 | Tadikonda-Marripalem LILO to Gujjanagund | 0.21 |
| 37 | Erec.of 33kv FET.at 220/11 KV Nansuralla | 0.74 |
| 38 | Erec.of 33kv FEAT.at 220/11KV Krishnagir | 0.69 |
| 39 | Erec. of 132/33 kv Ulavapadu ss, Prakasam | 1.93 |
| 40 | 220kv DC line from 400 KV K.Kota - Bhimadole | 1.31 |
| 41 | Erec. of 220 KV & 132 KV SS under VCIC | 37.11 |
| 42 | Upgrad. 132/33 KV SS Simhachalam - 220/132 KV | 26.14 |
| 43 | 125 MVAR bus reactors at Chittoor, Satte | 0.73 |
| 44 | 132/33 KV SS AIIMS at Mangalagiri | 1.77 |
| 45 | 33 KV features at 132/33 KV Madakasira SS | 43.19 |
| 46 | 132/33 KV SS at Penumur, Chittoor Dist. | 69.54 |
| 47 | 400/220 KV SS at Podili, Prakasam Dist. | 21.20 |

| Sl.No. | Particulars | Amount (Rs. In Crores) |
|---------------|---|-----------------------------------|
| 48 | 132/33 KV SS at Srikakulam town, SKLM DisT. | 0.36 |
| 49 | 132/33 KV SS at Vinjamur, Nellore District | 0.11 |
| 50 | 132/33kv Ramasamudram SS, Chittoor Dist. | 7.44 |
| 51 | 220/132 KV SS at Dharmavaram, ATP Dist | 11.99 |
| 52 | 132/33 KV SS at Pachikapallam, Chittoor | 2.12 |
| 53 | 33 KV features at 220 KV Rentachintala SS | 0.35 |
| 54 | 220 KV DC line from Gunadala to Nunna | 7.41 |
| 55 | 132/33 KV SS at Yernagudem, WG Dist. | 0.51 |
| 56 | 220 KV DC line from Manubolu - Sullurpet | 0.13 |
| 57 | 132/33 KV G.Ghodavaram SS & Lines | 3.14 |
| 58 | 132/33 KV SS at Narayanapuram, WG Dist. | 1.86 |
| 59 | Erection of Chigurukota 132 KV SS Krishna | 0.11 |
| 60 | Erection of Narasapuram 132 KV SS Krishna | 0.31 |
| 61 | 960 MW Hydal Power Project at Polavaram | 26.15 |
| 62 | 500 MW Solar Power Project - APGENCO, ATP | 4.82 |
| 63 | PE Solar Power evacu 400kv Gani KNL Dis | 1.15 |
| 64 | Rayalaseema (stage-iv) power trans.scheme | 0.67 |
| 65 | Wind Power eavcu PH-II ATP KDP KNL | 109.21 |
| 66 | PE Wind Power EVAC ATP KDP and KNL Dist | 27.41 |
| 67 | PE HNPCL Power evacu and TR Scheme | 3.80 |
| 68 | AUG of PTR - TOO.MS.No.1292, dt.15.11.19 | 34.08 |
| 69 | 400 KV Aug Sch-VIII (3rd 500 MVA at Maradam | 5.94 |
| 70 | AUG of PTRS at 10 nos. SSs, mS.no.747 | 0.46 |
| 71 | AUG of 4th 500 MVA PTR at 400 KV Manubolu | 0.85 |
| 72 | 8 Nos. Aug PTRs -3 Zones- TOO 600, 31.10.17 | 1.03 |
| 73 | Aug of PTR at 8 Nos. EHT SSs, MS.No.684 | 0.46 |
| 74 | Aug PTRs at 6 SSs at KDP Zone-WB TOO 364 | 9.60 |
| 75 | Aug of PTR Capacity at EHT SS, MS.No.369 | 13.16 |
| 76 | Aug of PTR at VJW, VSP, KDP zone MS.No.311 | 0.25 |
| 77 | 1 no. 500 MVA T/F at Kalpaka 400 KV | 5.16 |
| 78 | Aug of PTR at VJWD & VSP Zones MS.No.219 | 0.83 |
| 79 | Renovation & Modernisation Scheme | 14.14 |
| 80 | Schemes under Normal Plan | 158.57 |
| 81 | Schemes under Bank Funding | 52.27 |
| 83 | Schemes under DC / Bulk Loads Works (Lift Irrigation) | 5.32 |
| 84 | Schemes under DC / Bulk Loads Works (Construction) | 23.54 |
| 85 | Schemes under PFC Funding | 91.65 |
| 86 | Schemes under GOVT. Funding | 15.73 |
| TOTAL | | 1077.89 |

5.17 ACHIEVEMENTS IN 2021-22 -FINANCIAL APTRANSCO

| Sl.No. | Particulars | Amount (Rs. In Crores) |
|--------------|---|---------------------------|
| 1 | 132/33KV GIS SS at Mogalrajpuram | 16.41 |
| 2 | 132 & 33KV features at 220/11KV SS Ramavaram | |
| 3 | Augmentation of PTR, CE (LIS) TOO MS No.222 | |
| 4 | 132/33KV SS at Rapur, Nellore Dist. | |
| 5 | Erection of 220KV & 132KV SS under VCIC | 134.67 |
| 6 | 400KV SS at Rachagunneri & other EHT SS | |
| 7 | Wind Power evacuation Phase -II (Ananthapur, kadapa and | |
| 8 | 125 MVAR bus reactors at Chittoor, Sattenapalli | |
| 9 | RNV & UG protection system CE Trans. MS No.298 | 345.27 |
| 10 | Augmentation of PTRs at 6Nos SS at Kadapa Zone-WB TOO 364 | |
| 11 | Augmentation of PTRs at 7Nos SS at VJA Zone-WB TOO 361 | |
| 12 | Augmentation of PTR capacity at EHT SS , MS No. 360 | |
| 13 | 132/33KV SS at Satellite city Kadapa | |
| 14 | Erection of 132/33KV SS T. Sundupalli | |
| 15 | 132/33KV at East Gangavaram, Prakasam Dist. | |
| 16 | 132/33KV SS at Chinnarykatla, Prakasam Dist. | |
| 17 | 132/33KV SS at Penumur, Chittoor Dist. | |
| 18 | 132/33KV SS at Kadivedu, Nellore Dist. | |
| 19 | PE wind power evacuation at Anantapur, Kadapa and Kurnool Dis | |
| 20 | 220/132/33KV SS at Tiruvuru in Krishna Dist. | |
| 21 | Erection of 125MVAR 400KV Bus Reactors | |
| 22 | 132KV DC XLPE UG CBL 220KV-132KV Ongole | |
| 23 | 132/33KV SS Ananthasagaram in Nellore Dist. | |
| 24 | 220/132KV SS Dharmavaram in Ananthapuram Dist. | |
| 25 | 400/220KV SS at Podili in Prakasam Dist. | |
| 26 | RMI works FY 2019-20 CE Trans.MS No.1273 | |
| 27 | Erection of 400KV GIS at Thallayapalem | |
| 28 | 960MW Hydro Power Project at Polavaram | |
| 29 | Reliable Communication and Data Acquisition | |
| 30 | Augmentation of PTR CE(LIS) TOO MS No.222 | |
| 31 | 132 & 33KV Features at 220/11KV SS Ramavaram | |
| 32 | 132/33KV GIS SS at Moghalrajpuram | |
| 33 | Ext. of 132KV Sup-CMD 6MVA-RTSS Raydurg | 34.54 |
| 34 | Ext.of EHT Sup-8MVA - RTSS Tanuku | |
| 35 | Ext. of Supply HNSS PH-II PNGR BC, ATP BL | 20.96 |
| 36 | HNSS PH-II Madakasira BC ATPDist. BL | |
| 37 | Installation of Metering Equipment- RTSS Feeders | 296.28 |
| 38 | Diversion of EHT OH Lines from CRDA area | |
| 39 | Erection of 132KV SS Galiveedu in Kadap Dist. | |
| 40 | Erection of 132KV SS at Narasapuram in Krishna Dist. | |
| 41 | 400KV Garividi SS Vijayanagam Dist. | |
| 42 | 220/132KV SS Nuziveedu, Krishna Dist. | |
| 43 | 132/33KV Pedavaltair SS (Pass) Vizag Dist. | |
| 44 | 33KV Bay at 220KV SS Markapur for HPCL | |
| 45 | Ultra Mega Solar park 1000MW- Mylavaram | |
| 46 | 600MW Solar Park Ph-I at Chendrasekharapuram | |
| 47 | R/O COND WIT AL59ZEBRA-132KV GWK-SLM-GWK | |
| 48 | Civil Works for APSECM Office in VS, VJA | |
| 49 | Vijayawada Power Transmission Scheme | |
| 1 | Schemes under normal plan | 296.28 |
| 2 | Schemes PSDF funding | 5.38 |
| 3 | Schemes under REC funding | 345.27 |
| 4 | Schemes under DC/ Bulk loads works (Lift Irrigation) | 20.96 |
| 5 | Schemes under DC/ Bulk loads works (Construction) | 34.54 |
| 6 | Schemes under PFC funding | 16.41 |
| 7 | Schemes under Govt. funding | 134.67 |
| Total | | 853.51 |

5.18 ACHIEVEMENTS IN 2022-23 -FINANCIAL APTRANSCO

(Rs. In Crores)

| Sl.No. | Description | Approved Amount |
|--------|---|-----------------|
| 1 | 132/33KV GIS SS at Moghalrajpuram | 27.03 |
| 2 | Augumentation of PTRs TOO.Ms.No.2417, Dt.07.04.22. | |
| 3 | Augumentation of PTRs TOO.MS.NO.2413, Dt.06.04.22 | |
| 4 | Augumentation of PTRs TOO.MS.NO.2445, Dt.09.05.22 | |
| 5 | Augumentation of PTRs TOO.MS.NO.2442, Dt.04.05.22 | |
| 6 | 132/33KV G.Chodavaram SS & Lines | |
| 7 | Augumentation of PTRs at 10 Nos. SSs, MS.No.747 | 443.76 |
| 8 | LILO of 220KV SS-Kakinada line to Parawada | |
| 9 | 33KV features at 220/132 KV Timmapuram SS | |
| 10 | 33KV feature at 132/11 KV Bandlavandlapalli | |
| 11 | 33KV features at 220KV SS Tirumalayapalli | |
| 12 | 33 KV features at 220 KV SS P.Mamilla | |
| 13 | Erection of Galiveedu 132 KV SS in Kadapa DIS | |
| 14 | 132/33 kV SS at Ramanakkapeta in Krishna | |
| 15 | 220/132/33 kV SS at Tiruvuru in krishna | |
| 16 | Erection of 125 MVAR 400KV Bus Reactors | |
| 17 | 132kV DC XLPE UG CBL 220kV- 132kV Ongole | |
| 18 | 132/33KV SS at T.Narsapuram & Lines | |
| 19 | 132/33KV SS at Nallacheruvupalli in Kadapa | |
| 20 | 400KV SS at Rachaganeri & other EHT SS | |
| 21 | Erection of 220kV & 132kV SS under VCIC | |
| 22 | Erection of 132/33 KV SS T.Sundupalli | |
| 23 | Augumentation of PTR capacity at EHT SS, MS.NO.359 | |
| 24 | 132/33KV SS at satellite city Kadapa | |
| 25 | Augumentation PTRs at 4nos SS- KDP ZONE-WB 363,18.01.17 | |
| 26 | Augumentation OF PTR capacity at EHT SS, MS.NO.362 | 21.86 |
| 27 | Uninterrupted power supply to LIS in kurnool | |
| 28 | HNSS PH-II Madakasira BC ATP DIST- BL | |
| 29 | HNSS PH-II Madakasira BR CNL ATP-DST DC | |
| 30 | Extension of supply HNSS PH-II PNGR BC,ATP BL | |
| 31 | Extension of 33KV SUP TO HNSS PH-II CTR-DST BL | |
| 32 | Extension of supply AVR HNSS Muchumari BL | |
| 33 | Modification of 132KV LN in Kurnool-RLY Clearance | 57.31 |
| 34 | Extension of HT SUP(33KV) TO M/s IOCL,RJM | |
| 35 | Diversion of 220KV&132KVLN-DRDO-Kurnool | |
| 36 | Modification of LN for RLY Nadikudi - Srikalahasti | |
| 37 | Extention of EHT SUP-10MVA-RTSS Veldurthy | |
| 38 | Extension of EHT SUP-CMD-6MVA-RT SS Kurabalakota | |
| 39 | Extension of EHT SUP-CMD-6MVA-RTSS Koilakuntla | |
| 40 | Extension of 132KV SUP-CMD 6MVA-RTSS Rayadurg | |
| 41 | Extension of EHT supply-8MVA-RTSS Tanuku | |
| 42 | Extension of supply to KIA motors in ATP dist | |
| 43 | 400KV SS at Rachagunneri & other EHT SS | 175.79 |
| 44 | Erec. of 220kV&132kV SS under VCIC | |
| 45 | Extension of 132/33 KV SS T.Sundupalli | |
| 46 | Augumentation of PTR capacity at EHT SS, MS.NO.359 | |
| 47 | 132/33KV SS at satellite city Kadapa | |
| 48 | Augumentation PTRs 4 SSs- KDP ZONE-WB 363,18.01.17 | |
| 49 | Augumentation of PTR capacity at EHT SS, MS.NO.362 | 443.76 |
| 50 | Schemes under REC funding | |
| 51 | Schemes under DC / Bulk Loads Works (Lift Irrigation) | 21.86 |
| 52 | Schemes under DC / Bulk Loads Works (Construction) | 57.31 |
| 53 | Schemes under PFC funding | 27.03 |
| 54 | Schemes under Govt. funding | 202.82 |
| | Total | 752.78 |

5.19 ACHIEVEMENTS IN 2023-24 - FINANCIAL APTRANSCO

(Rs. in Crores)

| Sl. No. | Description | Approved Amount |
|---------|---|-----------------|
| 1 | Augmentation of PTR Capacity at EHT SS, MS.No.359 | 88.330 |
| 2 | Augmentation PTRs 4 SSs- KDP Zone - WB 363, Dt:18.01.17 | |
| 3 | Wind Power Evacuation PH-II Anantapur, Kadapa, Kurnool district | |
| 4 | Renovation & Up gradation under PSDF – II | |
| 5 | 132/33KV SS at Kadivedu, Nellore district | |
| 6 | 400KV SS at Rachagunneri & other EHT SS | |
| 7 | 132/33 KV SS at Penumur, Chittoor district | |
| 8 | 132/33KV SS at East Gangavaram, Prakasam district | |
| 9 | 132/33KV SS Gollapalem | |
| 10 | 132/33KV SS at Satellite City Kadapa district | |
| 11 | Erection of 220KV&132KV SS under VCIC | |
| 12 | Augmentation of PTRs at 10 Nos. SSs, MS.NO.747 | 13.89 |
| 13 | Augmentation of PTRs TOO.Ms.No.2417, Dt.07.04.22. | |
| 14 | Augmentation of PTRs TOO.MS.NO.2413, Dt.06.04.22 | |
| 15 | Augmentation of PTRs TOO.MS.NO.2442, Dt.04.05.22 | |
| 16 | Augmentation of PTRs TOO.MS.NO.2445, Dt.09.05.22 | |
| 17 | 132/33KV G.Chodavaram SS & Lines | |
| 18 | 400KV Garividi SS, Vizianagaram District | |
| 19 | 132/33KV SS at Salur, Vizianagaram District | |
| 20 | 132/33 KV features at 220KV SS Rajampeta | |
| 21 | 132/33KV GIS SS at Moghalrajpuram District | |
| 22 | Erection of 132/33KV Ulavapadu SS, Prakasam District | |
| 23 | 132KV & 33KV features at 220/11KVSS Ramavaram | |
| 24 | 220/33KV GIS at Neelapadu, CRDA, Guntur District | |
| 25 | Augmentation of PTR CE Trans TOO MS.NO.194 | 88.330 |
| 26 | Augmentation of PTR MS.No.88(REV-988,8-11-2018) | |
| 27 | Augmentation of PTR at Vijayawada & Kadapa zones MS.NO.119 | |
| 28 | 1 No 500 MVA Transformer at 400KV Kalpaka | |
| 29 | AG-16-05 | |
| 30 | Augmentation of PTR capacity at EHT SS, MS.NO.369 | |
| 31 | Augmentation of PTR capacity in Visakhapatnam zone - WB TOO 358 | |
| 32 | Augmentation of PTRs at Visakhapatnam zone - WB TOO 357 | |
| 33 | Augmentation at 7 EHT SSs in Vijayawada zone- WB TOO361 | |
| 34 | Augmentation of PTR at 8 Nos. EHT SSs, MS.NO.684 | |
| 35 | 8 Nos. Augmentation PTRs-3 Zones -TOO 600, Dt:31.10.17 | |
| 36 | Augmentation of 4 th 500MVA PTR at 400KV Manubolu | |
| 37 | Augmentation of PTRs TOO.Ms.No.2157, Dt.26.04.21 | |
| 38 | 400KV Augmentation Sch-VIII (3rd 500MVA at Maradam district) | |
| 39 | Augmentation of PTRs TOO.Ms.No.1141, Dt.02.04.2019. | |
| 40 | Augmentation of PTRs TOO.Ms.No.1226, Dt.22.08.2019. | |
| 41 | Augmentation of PTR-TOO.Ms.No.1227, Dt.27.08.2019 | |
| 42 | Augmentation of PTRs TOO.Ms.No.1288, Dt 15-11-2019 | |
| 43 | Augmentation of PTRs TOO MSNO1289, Dt:15.11.2019 | |
| 44 | Augmentation of PTRs TOO.Ms.No.1290, Dt.15-11-19 | |
| 45 | Augmentation of PTR - TOO.Ms.No.1291, Dt.15.11.19 | |
| 46 | Augmentation of PTR - TOO.Ms.No.1292, Dt.15.11.19 | |
| 47 | Augmentation of PTR 400KV Vemagiri- 1st 500 MVA PTR | |
| 48 | Augmentation of PTRs TOO.Ms.No.1316, Dt.17-12-2019 | |
| 49 | Augmentation of PTR TOO(R).No.1958, Dt:20.10.2020 | |
| 50 | Augmentation of PTR in Kadapa circle 1324 | |
| 51 | Augmentation of PTR-TOO.Ms.No.1348, Dt.17.01.2020 | |
| 52 | Augmentation of PTR-TOO.Ms.No.1360, Dt.29.01.2020 | |
| 53 | Augmentation of PTR at 220KV SS K.Kota 3 rd 160MVA | |
| 54 | Augmentation of PTR at Chintalapudi - REV.2229 | |
| 55 | Augmentation of PTRS-revised TOO.2898, old TOO.1411 | |
| 56 | Augmentation of PTR 132KV K.Kota TOO.1637, Dt:07.05.2020 | |
| 57 | Augmentation of PTR revised TOO.886, Dt:10.07.2023 | |
| 58 | Augmentation of PTRs TOO.Ms.No.1875, Dt:17.07.2020 | |
| 59 | Augmentation of PTRs revised TOO.No.2276, Dt:18.10.2021 | |
| 60 | Augmentation of PTR at Parawda REV T.O.O.2293 | |
| 61 | Augmentation of PTR at Srikakulam.REV.3058, Dt:06.12.2023 | |

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| 62 | Augmentation of PTRs revised TOO.No.2402, Dt:29.03.2022 |
| 63 | Augmentation at 132KV SS Chirala (TOO MS.No.2408) |
| 64 | Augmentation of PTR at Yernagudem-REVTOO.3063, Dt:08.12.2023 |
| 65 | Augmentation of PTRs revised TOO.3259, Dt:29.04.2024 |
| 66 | Augmentation of PTR at 220KV Madanapalli SS-TOO.2147 |
| 67 | Augmentation of PTRs TOO.NO.MS.No.2405, Dt:29.03.2022 |
| 68 | Augmentation NRPETA TOO.MS.No.2403, Dt.29.03.2022 |
| 69 | Augmentation of PTRs TOO.MS.No.2409, Dt.30.03.2022 |
| 70 | Augmentation of PTRs TOO.MS.No.2418, Dt.07.04.2022 |
| 71 | Augmentation of PTRs TOO.MS.No.2422, Dt.11.04.2022 |
| 72 | Augmentation Of PTR@ Rachaganneri, TOO.2656, Dt:05.01.2023 |
| 73 | Augmentation of PTR @Maradam.TOO.2619, Dt.30.11.2022 |
| 74 | Augmentation of PTR's TOO.MS.No.2663, Dt.12.01.2023 |
| 75 | Augmentation of PTR's TOO.MS.No.2716, Dt.25.02.2023 |
| 76 | Augmentation of PTR'S TOO.MS.No.2748, Dt.21.03.2023 |
| 77 | Augmentation at 220KV YGTL T.O.O.2578, Dt.11.10.2022 |
| 78 | Augmentation at 220KV PLMNR T.O.O.2626, Dt: 06.12.2022 |
| 79 | Augmentation works in Kadapa zone @ MS.NO.2761 |
| 80 | Augmentation at Tadipatri MS.2664, Dt:12.01.2023 |
| 81 | Augmentation PTR at Kuppam TOO.2628, Dt:08.12.2022 |
| 82 | Augmentation at Pulivendula TOO.2633, Dt:12.12.2022 |
| 83 | Erection of 3 rd 50MVA PTR at Yemmiganur district |
| 84 | Augmentation of PTR.TOO.2714, Dt:25.02.2023 |
| 85 | Augmentation of PTR TOO.MS.NO.2627, Dt:06.12.2023 |
| 86 | Augmentation of PTRs TOO.MS.NO.2786, Dt:19.04.2023 |
| 87 | Augmentation of PTRs TOO.MS.NO.2789, DT:20.04.2023 |
| 88 | Implementation of SAP ERP-AP TUNES |
| 89 | PE HNPCL Power Evacuation and TR scheme |
| 90 | PE Wind Power Evacuation Anatapur, Kadapa and Kurnool District |
| 91 | Rayalaseema (STAGE-IV) Power TRANS. Scheme |
| 92 | 500MW Solar Power Project - APGENCO, Anatapur District |
| 93 | 960MW Hydal Power Project at Polavaram District |
| 94 | Evacuation 660MW SEMBCORP Energy Limited Nellore District |
| 95 | RMI works of 2016-2017 CETRANS.MS.NO:308 |
| 96 | RMI works of 2017-18 CETRANS.MS.NO:560 |
| 97 | RMI works of 2018-19 CETRANS.MS.NO:913 |
| 98 | RMI works FY 2019-20 CETRANS.Ms.No:1273 |
| 99 | RMI works FY 2022-23 CE/TR.REVMS.No:3134 |
| 100 | 132/33KV SS at Narayanapuram, West Godavari district |
| 101 | 132/33KV SS at Biccavolu, East Godavari District |
| 102 | 132/33 KV SS at Veldurthy, Guntur District |
| 103 | 132/33 KV SS Darsi and Lines |
| 104 | 132/33 KV SS at Yernagudem, West Godavari District |
| 105 | 132/33 KV SS at V.KOTA, Chittoor District |
| 106 | 132/33KV SS at Amarapuram, Anantapur District |
| 107 | 220 KV DC line from Gunadala to Nunna |
| 108 | 132/33 KV SS at Pachikapallam, Chittoor districts |
| 109 | 220/132KV SS at Dharmavaram, Anantapur District |
| 110 | Erection of 220KV,132KV lines & 2 nd circuit string |
| 111 | 132/33KV SS at Chodavaram, Visakhapatnam District |
| 112 | 220/132KV SS at Guntur in Guntur district |
| 113 | 2nd circuit string of Markapur- Cumbum line |
| 114 | 132/33KV SS at C.Orampadu, kadapa district |
| 115 | 132/33KV Ramasamudram SS, Chittoor District |
| 116 | 132/33KV SS at Vinjamur, Nellore District |
| 117 | 132/33KVSS at Srikakulam town, Srikakulam District |
| 118 | 400/220KV SS at Podili, Prakasam District |
| 119 | 125 MVAR bus reactor at VMG & KPLK |
| 120 | 132/33KV SS at Koruturu, Nellore District |
| 121 | 220/132KV SS at Atmakur in Nellore District |
| 122 | 132/33KV SS at Kallurpalli, Nellore District |
| 123 | 132/33KV SS at katrayapadu, Nellore District |
| 124 | 132/33KV SS at Paderu, Visakhapatnam District |
| 125 | 220/132/33KV SS at Duvva, West Godavari District |

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| 126 | 132/33KV SS at Ponnuru in Guntur District |
| 127 | 132/33KV Anumalapalle SS, Prakasam District |
| 128 | LILO of Cumbum - Yerragonda Palem line to Kesineni |
| 129 | 132/33 KV SS at Kalasapadu, Kadapa District |
| 130 | 220/132KV SS at Kuppam Chittoor District |
| 131 | 132/33 KV SS at Kothapalli (Gudipala) |
| 132 | 400/220KV SS at Kalikiri, Chittoor District |
| 133 | 2 nd Circuit string of Sullurpet - Cherivi Line |
| 134 | 132/33 KV SS at Taticherla, Ananthapur District |
| 135 | 220/132/33 KV SS Pydibhimavaram |
| 136 | 132/33KV SS Mummdivaram & Lines |
| 137 | 132/33KV SS at Mylavaram, Krishna District |
| 138 | 132/33KV SS at Bantumilli, Krishna District |
| 139 | 220/132/33KV SS at Racharlapadu, Nellore |
| 140 | 132/33KV Chinnarikatla SS, Prakasam District |
| 141 | Erection of 132/33 KV SS T.Sundupalli |
| 142 | 33KV features at Boksampalli 220 KV SS |
| 143 | 33KV features at Nagalapuram SW |
| 144 | 400/220 KV Gudivada SS & connected line |
| 145 | Erection of 220/132 kV GIS SS Lingayapalem |
| 146 | Erection of 132/33 KV SS Gottiprolu in NLR |
| 147 | 132/33KV Mangalam SS & connected lines, |
| 148 | 132/33 KV SS at Palasamudram |
| 149 | 33KV features at 132/33KV Madakasira SS |
| 150 | EHT lines to Bantumilli SS (REC funding) |
| 151 | Upgradation of 132KV TO 220KV-Piduguralla SS |
| 152 | 132/33kV SS AIIMS at Mangalagiri |
| 153 | 125 MVAR bus reactors at Chittoor, SATTE |
| 154 | Erection of 132/33kV SS at Kothapatnam |
| 155 | Upgradation 132/33KVSS Simhachalam-220/132KV |
| 156 | Erection of 132/33KV SS at Elchuru |
| 157 | 220KV DC Line from 400KV K.Kota-Bhimadole |
| 158 | Erection of 33kV FEAT.AT 220/11kV Krishnagir |
| 159 | Erection of 33kV FET.AT 220/11kV Nansuralla |
| 160 | Tadikonda-Marripalem LILO to Gujjanagund |
| 161 | 220 KV DC Line Lower sileru – Rampachodavarm & BA |
| 162 | Erection of 400 GIS ss at Thallayapalem |
| 163 | 220/33kV SS at Chinturu in East Godavari |
| 164 | 33KV feature 220/33kV Bavoipeta(Korukonda) |
| 165 | Erection of 220/33kV SS Akiveedu in West Godavari |
| 166 | 33KV features at 220/11KV SS Pattiseema |
| 167 | 33kV features at 220/11kV LIS SS Purushothapatnam East Godavari District |
| 168 | LILO of 220Kv Tadikonda-Ongole SC line |
| 169 | 132/33KV SS Gampalagudem in krishna District |
| 170 | 33 KV feature at 220/132KV SS Bobbili growth |
| 171 | Upgradation of 132/33KV Tadepalli SS to 220KV SS |
| 172 | 132kV Chilakallu-Nandigama DC/SC line |
| 173 | LILO of existing 132kV Bhimadole–Nidadav |
| 174 | 132/33kV SS Kotturu in Sriakulam Distri |
| 175 | Erection of 132/33KV SS Dharmajigudem in W |
| 176 | Erection of 132/33KV SS Dwaraka Tirumala W |
| 177 | R/O LYNX COND with HTLS-GDL-Autonagar |
| 178 | 2nd Circuit from 132KV Medarametla to Addanki |
| 179 | 2nd Circuit from 220 KV Podili - Lingasamudram |
| 180 | 2nd Circuit string from 220KV Podili-Darsi SS |
| 181 | 2nd Circuit on 132KV Repalle-Chakrayapalem |
| 182 | 2nd Circuit on 132KV Repalle-Bapatla DC/SCLN |
| 183 | 2nd Circuit from 132kV Gudur-Chendodu DC/SC I |
| 184 | 2nd Circuit on Madanaplli-Burrakayalakota LN |
| 185 | 2nd Circuit on Nagiri-Nagalapuram DC/SC LN |
| 186 | 2nd Circuit on Kalikiri-Rompicherla DC/SC LN |
| 187 | 2nd Circuit on 132kV Sambepalli-Gurramkonda |
| 188 | 2nd Circuit on 132KV Tadikonda-Gujjanagundla |

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| 189 | Interlinking of Nawalwharf-Malkapuram SS | |
| 190 | 2nd Circuit from 132 KV SS Nuzividu-Khambampad | |
| 191 | 2nd Circuit from 132 KV Pamarru-Avanigadda DC | |
| 192 | 2nd Circuit on 13 2KV Martur-Yadavali line | |
| 193 | LILO 220 KV Podili-Atmakur to 400KV Podili | |
| 194 | 132/33kV SS at Vuyyuru in Krishna District | |
| 195 | 132/33kV feature at 220KV PALLANTLA SWT.S I | |
| 196 | LILO of 220KV Ongole - Racherlapadu | |
| 197 | 132/33 KV SS at Ananthasagaram in SPSR Nellore | |
| 198 | 132/33 KV SS at Nallacheruvupalli in kadapa | |
| 199 | 132/33 KV SS at T.Narsapuram & lines | |
| 200 | 132KV DC XLPE UG CBL 220KV- 132KV Ongole | |
| 201 | Erection of 125 MVAR 400KV bus reactors | |
| 202 | 220/132/33 KV SS at Tiruvuru in krishna | |
| 203 | 132/33 kV SS at Ramanakkapeta in Krishna | |
| 204 | 220/132KV SS & lines at Bheemili, VSKP | |
| 205 | Erection of Galiveedu 132KV SS in Kadapa District | |
| 206 | R/O COND WIT AL59ZEBRA-132KV GWK-SLM-GWK | |
| 207 | 33KV features at 220KV SS P.Mamilla | |
| 208 | 33KV features at 220KV SS Tirumalayapalli | |
| 209 | 33KV features @132/11KV Undavalli(Kondaveeti) | |
| 210 | 33KV features@132/11KV Bandlavandlapalli | |
| 211 | 33KV features at 220/132KV Timmapuram SS | |
| 212 | 132/33KV Hamsavaram SS & connected lines | |
| 213 | 33KV Features at 132/11KV SS Ankampalli | |
| 214 | 33KV Features at 220/11KV SS G.V.PALLI | |
| 215 | LAY XLPE UG CBL-ONG SS-LOC.495 OGL-INKL | |
| 216 | Strengthening of TWRS-132KV Tekkal-Palasa | |
| 217 | LILO OF 220KV VSS-Kakinada LN Toparawada | |
| 218 | 220KV Bommuru-Vijjeswaram LILO-Vemagiri | |
| 219 | 220/132KV SS AT Rusthumbada West Godavary District | |
| 220 | Erection OF 400/220/132KV Kakinada SEZ SS | |
| 221 | 220KV VTPS-Tallapally-I LILO to Rentachinthala | |
| 222 | 400/220KV GIS at Atchyutapuram SEZ | |
| 223 | Erection of 400KV SS Ainavilli(CONV)& lines | |
| 224 | R/O TWR-400KV KTPP-Manubolu & KTPP-RCGR | |
| 225 | 132KV Samalkota-Rcpuram LN-SLKT-GMRBARGE | |
| 226 | Linking-220 KV Bus-Vajrakarur & Ragulapadu | |
| 227 | Erection of 2 nd main bus at 220/33 Chinturu | |
| 1 | Schemes under REC funding | 486.38 |
| 2 | Schemes under DC / Bulk Loads Works (Lift Irrigation) | 39.95 |
| 3 | Schemes under DC / Bulk Loads Works (Construction) | 70.19 |
| 4 | Schemes under PFC funding | 13.89 |
| 5 | Schemes under Govt. funding | 88.33 |
| 6 | Own funds | 295.04 |
| | Total : | 993.78 |

6. A.P.GENCO GENERATION

6.1 PATTERN OF INSTALLED CAPACITY IN ANDHRA PRADESH (1960-61 TO 2014-15)

| Year | Unit | Installed Capacity : APGENCO | | | | Installed Capacity : Private | | | Central | Total |
|---------|------|------------------------------|---------|--------|--------------|------------------------------|---------------------|------------------|--|----------|
| | | Hydel | Thermal | Gas | Wind & Solar | Mini Hydel | Gas & Others (IPPs) | Non-conventional | NTPC, Neyveli, MAPP, Simhadri, Talcher | |
| 1960-61 | MW | 124.00 | 89.00 | | | | | | | 213.00 |
| | % | 58.22 | 41.78 | | | | | | | 100.00 |
| 1973-74 | MW | 271.60 | 400.00 | | | | | | | 671.60 |
| | % | 40.44 | 59.56 | | | | | | | 100.00 |
| 1979-80 | MW | 841.60 | 1050.00 | | | | | | | 1891.60 |
| | % | 44.49 | 55.51 | | | | | | | 100.00 |
| 1984-85 | MW | 1971.40 | 1192.50 | | | | | | 162.00 | 3325.90 |
| | % | 59.27 | 35.85 | | | | | | 4.87 | 100.00 |
| 1987-88 | MW | 2431.21 | 1192.50 | | | | | | 299.00 | 3922.71 |
| | % | 61.98 | 30.40 | | | | | | 7.62 | 100.00 |
| 1988-89 | MW | 2431.21 | 1192.50 | | | | | | 577.00 | 4200.71 |
| | % | 57.88 | 28.39 | | | | | | 13.74 | 100.00 |
| 1989-90 | MW | 2431.21 | 1402.50 | | | | | | 717.00 | 4550.71 |
| | % | 53.42 | 30.82 | | | | | | 15.76 | 100.00 |
| 1990-91 | MW | 2461.21 | 1612.50 | 66.00 | | | | | 762.00 | 4901.71 |
| | % | 50.21 | 32.90 | 1.35 | | | | | 15.55 | 100.00 |
| 1991-92 | MW | 2462.21 | 1612.50 | 100.00 | | | | | 807.00 | 4981.71 |
| | % | 49.42 | 32.37 | 2.01 | | | | | 16.20 | 100.00 |
| 1992-93 | MW | 2524.21 | 1612.50 | 100.00 | | | | | 852.00 | 5088.71 |
| | % | 49.60 | 31.69 | 1.97 | | | | | 16.74 | 100.00 |
| 1993-94 | MW | 2605.21 | 2032.50 | 100.00 | | | | | 897.00 | 5634.71 |
| | % | 46.24 | 36.07 | 1.77 | | | | | 15.92 | 100.00 |
| 1994-95 | MW | 2665.21 | 2452.50 | 100.00 | 2.00 | | | 2.93 | 897.00 | 6119.64 |
| | % | 43.55 | 40.08 | 1.63 | 0.03 | | | 0.05 | 14.66 | 100.00 |
| 1995-96 | MW | 2666.21 | 2452.50 | 100.00 | 2.00 | 3.75 | | 41.85 | 897.00 | 6163.31 |
| | % | 43.26 | 39.79 | 1.62 | 0.03 | 0.06 | | 0.68 | 14.55 | 100.00 |
| 1996-97 | MW | 2666.21 | 2702.50 | 212.00 | 2.00 | 3.75 | 232.70 | 53.99 | 897.00 | 6770.15 |
| | % | 39.38 | 39.92 | 3.13 | 0.03 | 0.06 | 3.44 | 0.80 | 13.25 | 100.00 |
| 1997-98 | MW | 2666.21 | 2952.50 | 272.00 | 2.00 | 15.75 | 423.90 | 55.49 | 885.00 | 7272.85 |
| | % | 36.66 | 40.60 | 3.74 | 0.03 | 0.22 | 5.83 | 0.76 | 12.17 | 100.00 |
| 1998-99 | MW | 2666.21 | 2952.50 | 272.00 | 2.00 | 27.25 | 423.90 | 112.49 | 885.00 | 7341.35 |
| | % | 36.32 | 40.22 | 3.71 | 0.03 | 0.37 | 5.77 | 1.53 | 12.06 | 100.00 |
| 1999-2K | MW | 2681.21 | 2952.50 | 272.00 | 2.00 | 43.45 | 423.90 | 186.75 | 942.50 | 7504.31 |
| | % | 35.73 | 39.34 | 3.62 | 0.03 | 0.58 | 5.65 | 2.49 | 12.56 | 100.00 |
| 2000-01 | MW | 2682.21 | 2952.50 | 272.00 | 2.00 | 62.35 | 778.90 | 230.00 | 1000.00 | 7979.96 |
| | % | 33.61 | 37.00 | 3.41 | 0.03 | 0.78 | 9.76 | 2.88 | 12.53 | 100.00 |
| 2001-02 | MW | 2982.21 | 2952.50 | 272.00 | 2.00 | 76.95 | 918.90 | 351.34 | 1500.00 | 9055.90 |
| | % | 32.93 | 32.60 | 3.00 | 0.02 | 0.85 | 10.15 | 3.88 | 16.56 | 100.00 |
| 2002-03 | MW | 3432.21 | 2962.50 | 272.00 | 2.00 | 80.26 | 998.90 | 474.73 | 2106.25 | 10328.85 |
| | % | 33.23 | 28.68 | 2.63 | 0.02 | 0.78 | 9.67 | 4.60 | 20.39 | 100.00 |
| 2003-04 | MW | 3586.36 | 2972.50 | 272.00 | 2 | 84.25 | 998.88 | 567.07 | 2212.5 | 10695.56 |
| | % | 33.53 | 27.79 | 2.54 | 0.02 | 0.79 | 9.34 | 5.30 | 20.69 | 100.00 |
| 2004-05 | MW | 3586.36 | 2992.50 | 272.00 | 2.00 | 91.40 | 998.88 | 591.57 | 2571.00 | 11105.71 |
| | % | 32.29 | 26.95 | 2.45 | 0.02 | 0.82 | 8.99 | 5.33 | 23.15 | 100.00 |
| 2005-06 | MW | 3586.36 | 2962.50 | 272.00 | 2.00 | 101.40 | 996.62 | 613.37 | 2616.94 | 11151.19 |
| | % | 32.16 | 26.57 | 2.44 | 0.02 | 0.91 | 8.94 | 5.50 | 23.47 | 100.00 |
| 2006-07 | MW | 3586.36 | 3172.50 | 272.00 | 2.00 | 101.40 | 1366.62 | 640.74 | 2854.69 | 11996.31 |
| | % | 29.90 | 26.45 | 2.27 | 0.02 | 0.85 | 11.39 | 5.34 | 23.80 | 100.00 |
| 2007-08 | MW | 3625.36 | 3382.50 | 272.00 | 2.00 | 101.40 | 1366.62 | 668.49 | 2963.22 | 12381.59 |
| | % | 29.28 | 27.32 | 2.20 | 0.02 | 0.82 | 11.04 | 5.40 | 23.93 | 100.00 |
| 2008-09 | MW | 3664.36 | 3382.50 | 272.00 | 2.00 | 104.40 | 1366.62 | 672.15 | 2963.22 | 12427.25 |
| | % | 29.60 | 27.32 | 2.20 | 0.02 | 0.84 | 11.04 | 5.43 | 23.93 | 100.00 |
| 2009-10 | MW | 3703.36 | 4382.50 | 272.00 | 2.00 | 104.40 | 2330.62 | 782.10 | 3048.54 | 14625.52 |
| | % | 25.32 | 29.96 | 1.86 | 0.01 | 0.71 | 15.94 | 5.35 | 20.84 | 100.00 |
| 2010-11 | MW | 3790.36 | 4592.50 | 272.00 | 2.00 | 104.40 | 2494.70 | 864.40 | 2882.68 | 15003.04 |
| | % | 25.26 | 30.61 | 1.81 | 0.01 | 0.70 | 16.63 | 5.76 | 19.21 | 100.00 |
| 2011-12 | MW | 3829.36 | 5092.50 | 272.00 | 3.00 | 105.64 | 2494.70 | 962.75 | 3116.54 | 15876.49 |
| | % | 24.12 | 32.08 | 1.71 | 0.02 | 0.67 | 15.71 | 6.06 | 19.63 | 100.00 |
| 2012-13 | MW | 3829.36 | 5092.50 | 272.00 | 3.00 | 105.64 | 2494.70 | 1163.13 | 3428.97 | 16389.30 |
| | % | 23.37 | 31.07 | 1.66 | 0.02 | 0.64 | 15.22 | 7.10 | 20.92 | 100.00 |
| 2013-14 | MW | 3829.36 | 5092.50 | 272.00 | 3.00 | 105.64 | 2494.70 | 1418.73 | 3501.40 | 16717.33 |
| | % | 40.19 | 53.44 | 2.85 | 0.03 | 1.11 | 26.18 | 14.89 | 36.74 | 175.44 |
| 2014-15 | MW | 1671.29 | 3148.15 | 34.29 | 2.00 | 89.10 | 1256.14 | 1615.30 | 1712.73 | 9529.00 |
| | % | 17.54 | 33.04 | 0.36 | 0.02 | 0.94 | 13.18 | 16.95 | 17.97 | 100.00 |

| 6.1 PATTERN OF INSTALLED CAPACITY IN ANDHRA PRADESH (2014-15 TO 2023-24) | | | | | | | | | | |
|---|------|------------------------------|----------|--------------|--------|------------------------------|---------------|------------------|----------|------------------|
| Year | Unit | Installed Capacity : APGENCO | | | APGPCL | Installed Capacity : Private | | | CGS | Total |
| | | Hydel | Thermal | Wind & Solar | Gas | Mini Hydel | IPPs & Others | Non-conventional | | |
| 2014-15 | MW | 1671.29 | 3148.15 | 2.00 | 34.29 | 89.10 | 1256.14 | 1615.30 | 1712.73 | 9529.00 |
| | % | 17.54 | 33.04 | 0.02 | 0.36 | 0.94 | 13.18 | 16.95 | 17.97 | 100.00 |
| 2015-16 | MW | 1671.29 | 3948.15 | 2.00 | 34.29 | 89.10 | 2438.53 | 2464.24 | 1795.95 | 12443.55 |
| | % | 13.43 | 31.73 | 0.02 | 0.28 | 0.72 | 19.60 | 19.80 | 14.43 | 100.00 |
| 2016-17 | MW | 1721.29 | 3948.15 | 5.43 | 34.29 | 87.44 | 2849.50 | 5479.48 | 1750.85 | 15876.426 |
| | % | 10.34 | 23.71 | 0.03 | 0.21 | 0.53 | 17.77 | 36.91 | 10.51 | 100.00 |
| 2017-18 | MW | 1797.60 | 5010.00 | 5.43 | 34.29 | 104.44 | 2706.39 | 5589.71 | 2330.55 | 17578.41 |
| | % | 10.23 | 28.50 | 0.03 | 0.20 | 0.59 | 15.40 | 31.80 | 13.26 | 100.00 |
| 2018-19 | MW | 1797.600 | 5010.000 | 405.426 | 34.290 | 102.598 | 2105.250 | 6618.872 | 2403.160 | 18477.196 |
| | % | 9.73 | 27.11 | 2.19 | 0.19 | 0.56 | 11.39 | 35.82 | 13.01 | 100.00 |
| 2019-20 | MW | 1797.600 | 5010.000 | 405.426 | 34.290 | 102.598 | 2625.240 | 7125.162 | 2529.810 | 19630.126 |
| | % | 9.16 | 25.52 | 2.07 | 0.17 | 0.52 | 13.37 | 36.30 | 12.89 | 100.00 |
| 2020-21 | MW | 1797.600 | 4850.000 | 405.426 | 0.000 | 28.700 | 1538.140 | 7133.460 | 1980.630 | 17733.956 |
| | % | 10.14 | 27.35 | 2.29 | 0.00 | 0.16 | 8.67 | 40.22 | 11.17 | 100.00 |
| 2021-22 | MW | 1773.600 | 4850.000 | 405.426 | 0.000 | 27.350 | 2178.320 | 7376.960 | 1980.510 | 18592.166 |
| | % | 9.54 | 26.09 | 2.18 | 0.00 | 0.15 | 11.72 | 39.68 | 10.65 | 100.00 |
| 2022-23 | MW | 1773.600 | 5640.000 | 405.426 | 0.000 | 28.550 | 2812.320 | 7192.960 | 1978.628 | 19831.484 |
| | % | 8.94 | 28.44 | 2.04 | 0.00 | 0.14 | 14.18 | 36.27 | 9.98 | 100.00 |
| 2023-24 | MW | 1773.600 | 6450.000 | 405.426 | 0.000 | 24.550 | 2802.320 | 7118.460 | 1989.260 | 20563.616 |
| | % | 8.62 | 31.37 | 1.97 | 0.00 | 0.12 | 13.63 | 34.62 | 9.67 | 100.00 |

* Installed capacity figures for the FY 2016-17 to 2021-22 are reconciled.

| 6.1 PATTERN OF POWER GENERATION IN ANDHRA PRADESH (1960-61 TO 2015-16) | | | | | | | | | |
|--|------|---------------------|----------|---------|------|----------------|------------------|----------|----------|
| YEAR | UNIT | Energy State Sector | | Gas | Wind | Private sector | Central Sector & | Others | TOTAL |
| | | Hydel | Thermal | | | | | | |
| 1960-61 | MU | 610.00 | 174.00 | | | | | | 784.00 |
| | % | 77.80 | 22.20 | | | | | | 100.00 |
| 1973-74 | MU | 910.00 | 2196.00 | | | | | | 3106.00 |
| | % | 29.30 | 70.70 | | | | | | 100.00 |
| 1979-80 | MU | 3225.00 | 3268.00 | | | | | | 6493.00 |
| | % | 49.70 | 50.30 | | | | | | 100.00 |
| 1984-85 | MU | 6716.00 | 5835.00 | | | | 834.00 | | 13385.00 |
| | % | 50.20 | 43.60 | | | | 6.20 | | 100.00 |
| 1987-88 | MU | 5864.00 | 7986.00 | | | | 1604.00 | | 15454.00 |
| | % | 37.90 | 51.70 | | | | 10.40 | | 100.00 |
| 1988-89 | MU | 6878.00 | 7263.00 | | | | 2376.00 | | 16517.00 |
| | % | 41.64 | 43.97 | | | | 14.39 | | 100.00 |
| 1989-90 | MU | 7802.00 | 7222.00 | | | | 3550.00 | | 18574.00 |
| | % | 42.00 | 38.90 | | | | 19.10 | | 100.00 |
| 1990-91 | MU | 10017.00 | 8102.00 | | | | 2725.00 | | 20844.00 |
| | % | 48.00 | 38.90 | | | | 13.10 | | 100.00 |
| 1991-92 | MU | 9516.00 | 8726.00 | | | | 4595.00 | | 22837.00 |
| | % | 41.70 | 38.20 | | | | 20.10 | | 100.00 |
| 1992-93 | MU | 8758.00 | 9114.00 | | | | 6748.00 | | 24620.00 |
| | % | 35.57 | 37.02 | | | | 27.41 | | 100.00 |
| 1993-94 | MU | 9632.00 | 9639.00 | 525.00 | | | 7612.00 | | 27408.00 |
| | % | 35.14 | 35.17 | 1.92 | | | 27.77 | | 100.00 |
| 1994-95 | MU | 9687.00 | 10842.00 | 431.00 | | | 8449.00 | | 29409.00 |
| | % | 32.94 | 36.87 | 1.47 | | | 28.73 | | 100.00 |
| 1995-96 | MU | 6662.00 | 15103.00 | 540.00 | 8.00 | | 7814.00 | | 30127.00 |
| | % | 22.11 | 50.13 | 1.79 | 0.03 | | 25.94 | | 100.00 |
| 1996-97 | MU | 7969.29 | 16719.76 | 626.67 | 0.71 | 504.65 | 7308.33 | | 33129.41 |
| | % | 24.06 | 50.47 | 1.89 | 0.00 | 1.52 | 22.06 | | 100.00 |
| 1997-98 | MU | 7244.49 | 19019.69 | 1249.00 | 0.44 | 2049.67 | 7321.00 | | 36884.29 |
| | % | 19.64 | 51.57 | 3.39 | 0.00 | 5.56 | 19.85 | | 100.00 |
| 1998-99 | MU | 7189.24 | 19833.62 | 1798.82 | 0.64 | 2820.21 | 6921.05 | | 38563.58 |
| | % | 18.64 | 51.43 | 4.66 | 0.00 | 7.31 | 17.95 | | 100.00 |
| 1999-2K | MU | 8132.00 | 21499.00 | 2006.34 | 1.18 | 4149.40 | 8221.00 | | 44008.92 |
| | % | 18.48 | 48.85 | 4.56 | 0.00 | 9.43 | 18.68 | | 100.00 |
| 2000-01 | MU | 7230.35 | 21934.25 | 1978.13 | 1.45 | 4945.67 | 9588.88 | | 45678.73 |
| | % | 15.83 | 48.02 | 4.33 | 0.00 | 10.83 | 20.99 | | 100.00 |
| 2001-02 | MU | 5757.00 | 22245.00 | 1951.35 | | 6513.56 | 9645.92 | 838.17 | 46951.00 |
| | % | 12.26 | 47.38 | 4.16 | | 13.87 | 20.54 | 1.79 | 100.00 |
| 2002-03 | MU | 3336.85 | 23032.54 | 2030.04 | | 8169.00 | 11574.98 | -206.52 | 47936.89 |
| | % | 6.96 | 48.05 | 4.23 | | 17.04 | 24.15 | -0.43 | 100.00 |
| 2003-04(*) | MU | 2940.87 | 20401.25 | 2109.29 | 0.57 | 8636.46 | 13011.48 | 344.29 | 47444.21 |
| | % | 6.20 | 43.00 | 4.45 | | 18.20 | 27.42 | 0.73 | 100.00 |
| 2004-05 | MU | 5264.95 | 21145.07 | 1908.20 | 2.25 | 8848.73 | 13774.03 | 179.58 | 51122.81 |
| | % | 10.30 | 41.36 | 3.73 | 0.00 | 17.31 | 26.94 | 0.35 | 100.00 |
| 2005-06 | MU | 7872.53 | 18718.33 | 1752.98 | | 7730.29 | 15971.13 | 529.60 | 52574.86 |
| | % | 14.97 | 35.60 | 3.33 | | 14.70 | 30.38 | 1.01 | 100.00 |
| 2006-07 | MU | 9246.63 | 19994.07 | 1445.47 | | 7729.59 | 19487.34 | 167.36 | 58070.46 |
| | % | 15.92 | 34.43 | 2.49 | | 13.31 | 33.56 | 0.29 | 100.00 |
| 2007-08 | MU | 9509.77 | 21451.57 | 1101.43 | | 9003.87 | 19821.82 | 356.69 | 61245.15 |
| | % | 15.53 | 35.03 | 1.80 | | 14.70 | 32.36 | 0.58 | 100.00 |
| 2008-09 | MU | 7702.54 | 23294.47 | 1440.69 | | 8885.24 | 25315.86 | 747.96 | 67386.76 |
| | % | 11.43 | 34.57 | 2.14 | | 13.19 | 37.57 | 1.11 | 100.00 |
| 2009-10 | MU | 5450.48 | 24101.16 | 2087.31 | | 16025.76 | 22851.20 | 4095.95 | 74611.86 |
| | % | 7.31 | 32.30 | 2.80 | | 21.48 | 30.63 | 5.49 | 100.00 |
| 2010-11 | MU | 7717.67 | 26845.62 | 1680.74 | | 18004.95 | 19986.24 | 3528.83 | 77764.05 |
| | % | 9.92 | 34.52 | 2.16 | | 23.15 | 25.70 | 4.54 | 100.00 |
| 2011-12(*) | MU | 6375.55 | 32893.11 | 1447.93 | | 16405.69 | 24953.20 | 3084.75 | 85160.23 |
| | % | 7.49 | 38.62 | 1.70 | | 19.26 | 29.30 | 3.62 | 100.00 |
| 2012-13 | MU | 3206.64 | 34729.55 | 1140.08 | | 11784.88 | 30413.50 | 923.41 | 82198.06 |
| | % | 3.90 | 42.25 | 1.39 | | 14.34 | 37.00 | 1.12 | 100.00 |
| 2013-14 | MU | 7142.91 | 31706.00 | 1016.48 | | 10055.06 | 37120.34 | 1150.28 | 88191.07 |
| | % | 8.10 | 35.95 | 1.15 | | 11.40 | 42.09 | 1.30 | 100.00 |
| 2014-15 (Apr-May) | MU | 621.37 | 5702.66 | 172.60 | | 1827.07 | 6898.06 | 163.64 | 15385.40 |
| | % | 4.04 | 37.07 | 1.12 | | 11.88 | 44.84 | 1.06 | 100.00 |
| 2014-15 (Jun-Mar) | MU | 3204.74 | 16228.48 | 456.70 | | 5279.12 | 14219.62 | 869.94 | 40258.60 |
| | % | 7.96 | 40.31 | 1.13 | | 13.11 | 35.32 | 2.16 | 100.00 |
| 2015-16 | MU | 2441.01 | 22044.42 | 682.09 | | 5961.59 | 8525.80 | 10732.75 | 50387.66 |
| | % | 4.84 | 43.75 | 1.35 | | 11.83 | 16.92 | 21.30 | 100.00 |

(contd.,)

**6.1 PATTERN OF POWER GENERATION IN ANDHRA PRADESH (2014-15 TO 2023-24)
STATE, PRIVATE AND CENTRAL SECTORS**

| YEAR | UNIT | Energy State Sector | | Gas (VGTS) | Wind | Solar | Private sector | Central Sector | Others | TOTAL |
|---------|------|---------------------|----------|---------------|---------|---------|-------------------|-------------------|----------|----------|
| | | Hydel | Thermal | | | | | | | |
| 2016-17 | MU | 2312.58 | 24728.76 | 673.82 | 3184.78 | 1543.44 | 7362.60 | 14600.51 | 833.46 | 55239.95 |
| | % | 4.19 | 44.77 | 1.22 | 5.77 | 2.79 | 13.33 | 26.43 | 1.51 | 100.00 |
| 2017-18 | MU | 2680.87 | 20561.95 | 1165.04 | 6370.35 | 3699.25 | 5516.65 | 10535.83 | 8287.61 | 58817.55 |
| | % | 4.56 | 34.96 | 1.98 | 10.83 | 6.29 | 9.38 | 17.91 | 14.09 | 100.00 |
| 2018-19 | MU | 2680.45 | 22360.83 | 1091.40 | 8900.29 | 4460.49 | 4433.95 | 8018.12 | 11198.03 | 63143.56 |
| | % | 4.25 | 35.41 | 1.73 | 14.10 | 7.06 | 7.02 | 12.70 | 17.73 | 100.00 |
| 2019-20 | MU | 3529.60 | 22469.98 | 980.63 | 6613.47 | 5244.10 | 4676.80 | 14698.30 | 4709.81 | 62922.69 |
| | % | 5.61 | 35.71 | 1.56 | 10.51 | 8.33 | 7.43 | 23.36 | 7.49 | 100.00 |
| 2020-21 | MU | 3821.86 | 16430.37 | 1226.14 | 6491.84 | 6975.64 | 3084.94 | 12483.03 | 12556.37 | 63070.19 |
| | % | 6.06 | 26.05 | 1.94 | 10.29 | 11.06 | 4.89 | 19.79 | 19.91 | 100.00 |
| 2021-22 | MU | 3698.07 | 22009.99 | 952.59 | 7083.82 | 7656.88 | 1070.26 | 12201.761 | 14299.24 | 68972.63 |
| | % | 5.36 | 31.91 | 1.38 | 10.27 | 11.10 | 1.55 | 17.69 | 20.73 | 100.00 |
| 2022-23 | MU | 4216.76 | 24643.48 | 350.70 | 7367.34 | 8000.55 | 6259.13 | 12950.83 | 8676.69 | 72465.48 |
| | % | 5.82 | 34.01 | 0.48 | 10.17 | 11.04 | 8.64 | 17.87 | 11.97 | 100.00 |
| 2023-24 | MU | 1946.51 | 29769.60 | 0.00 | 8603.08 | 8201.80 | 8355.84 | 11862.03 | 12553.71 | 81292.57 |
| | % | 2.39 | 36.62 | 0.00 | 10.58 | 10.09 | 10.28 | 14.59 | 15.44 | 100.00 |

*ex-bus figures from sldc

| 6.2 A.P - PROGRESS IN INSTALLED CAPACITY | | | | (MW) |
|---|---------------------|----------------|----------------------------------|--------------|
| Year | State Sector | | Share from Central Sector | Total |
| | Hydel | Thermal | | |
| 1959-60 | 124.00 | 89 | --- | 213 |
| 1960-61 | 124.00 | 89 | --- | 213 |
| 1961-62 | 119.00 | 94 | --- | 213 |
| 1962-63 | 119.00 | 94 | --- | 213 |
| 1963-64 | 126.00 | 114 | --- | 240 |
| 1964-65 | 151.60 | 144 | --- | 295.6 |
| 1965-66 | 151.60 | 139 | --- | 290.6 |
| 1966-67 | 151.60 | 259 | --- | 410.6 |
| 1967-68 | 271.60 | 361 | --- | 632.6 |
| 1968-69 | 271.60 | 342 | --- | 613.6 |
| 1969-70 | 271.60 | 337 | --- | 608.6 |
| 1970-71 | 271.60 | 337 | --- | 608.6 |
| 1971-72 | 271.60 | 400 | --- | 671.6 |
| 1972-73 | 271.60 | 400 | --- | 671.6 |
| 1973-74 | 271.60 | 400 | --- | 671.6 |
| 1974-75 | 271.60 | 620 | --- | 891.6 |
| 1975-76 | 386.60 | 620 | --- | 1006.6 |
| 1976-77 | 501.60 | 620 | --- | 1121.6 |
| 1977-78 | 726.60 | 840 | --- | 1566.6 |
| 1978-79 | 841.60 | 840 | --- | 1681.6 |
| 1979-80 | 841.60 | 1050 | --- | 1891.6 |
| 1980-81 | 1043.20 | 1260 | --- | 2303.2 |
| 1981-82 | 1043.20 | 1260 | --- | 2303.2 |
| 1982-83 | 1494.80 | 1247.5 | --- | 2742.3 |
| 1983-84 | 1659.80 | 1247.5 | 54 | 2961.3 |
| 1984-85 | 1971.40 | 1192.5 | 162 | 3325.9 |
| 1985-86 | 2182.42 | 1192.5 | 202 | 3576.92 |
| 1986-87 | 2411.42 | 1192.5 | 234 | 3837.92 |
| 1987-88 | 2431.21 | 1192.5 | 299 | 3922.71 |
| 1988-89 | 2431.21 | 1192.5 | 577 | 4200.71 |
| 1989-90 | 2431.21 | 1402.5 | 717 | 4550.71 |

(Contd.,)

6.2 A.P - PROGRESS IN INSTALLED CAPACITY

(MW)

| Year | State Sector | | | Joint Sector Gas | Share from Central Sector | Private Sector | | | | | | | Total | | |
|---------|--------------|---------|--------------|------------------|---------------------------|----------------|------------|--------|---------------|----------|-------------------|-------------------|--------|----------|----------|
| | Hydel | Thermal | Wind & Solar | | | Gas | Mini Hydel | Wind | Co-Generation | | Bio-Mass Projects | Mini power plants | | Solar | others |
| | | | | | | | | | Bagasse | Bio-Mass | | | | | |
| 1990-91 | 2461.21 | 1612.50 | - | 66.00 | 762.00 | - | - | - | - | - | - | - | - | 4901.71 | |
| 1991-92 | 2462.21 | 1612.50 | - | 100.00 | 807.00 | - | - | - | - | - | - | - | - | 4981.71 | |
| 1992-93 | 2524.21 | 1612.50 | - | 100.00 | 852.00 | - | - | - | - | - | - | - | - | 5088.71 | |
| 1993-94 | 2605.21 | 2032.50 | - | 100.00 | 897.00 | - | - | - | - | - | - | - | - | 5634.71 | |
| 1994-95 | 2665.21 | 2452.50 | 2.00 | 100.00 | 897.00 | - | - | 2.93 | - | - | - | - | - | 6119.64 | |
| 1995-96 | 2666.21 | 2452.50 | 2.00 | 100.00 | 897.00 | - | 3.75 | 41.85 | - | - | - | - | - | 6163.31 | |
| 1996-97 | 2666.21 | 2702.50 | 2.00 | 212.00 | 897.00 | 232.70 | 3.75 | 51.24 | - | 1.50 | - | - | - | 6768.90 | |
| 1997-98 | 2666.21 | 2952.50 | 2.00 | 272.00 | 885.00 | 423.90 | 15.75 | 52.74 | - | 1.50 | - | - | - | 7271.60 | |
| 1998-99 | 2666.21 | 2952.50 | 2.00 | 272.00 | 885.00 | 423.90 | 27.25 | 58.74 | 9.00 | 1.50 | 1.00 | - | 41.00 | 7340.10 | |
| 1999-2K | 2681.21 | 2952.50 | 2.00 | 272.00 | 942.50 | 423.90 | 43.45 | 84.99 | 14.00 | 1.50 | 1.00 | 40.31 | 43.70 | 7503.06 | |
| 2000-01 | 2682.21 | 2952.50 | 2.00 | 272.00 | 1000.00 | 778.90 | 62.35 | 88.74 | 15.50 | 6.70 | 29.00 | 40.31 | 43.70 | 7973.91 | |
| 2001-02 | 2982.21 | 2952.50 | 2.00 | 272.00 | 1500.00 | 918.90 | 76.95 | 90.43 | 37.50 | 9.70 | 73.50 | 78.11 | 62.10 | 9055.90 | |
| 2002-03 | 3432.21 | 2962.50 | 2.00 | 272.00 | 2106.25 | 998.88 | 80.26 | 90.43 | 89.50 | 16.70 | 119.50 | 93.5 | 65.10 | 10328.83 | |
| 2003-04 | 3586.36 | 2972.50 | 2.00 | 272.00 | 2212.50 | 998.88 | 84.26 | 90.43 | 114.50 | 20.43 | 165.50 | 93.5 | 82.70 | 10695.56 | |
| 2004-05 | 3586.36 | 2992.50 | 2.00 | 272.00 | 2571.00 | 998.88 | 91.40 | 95.49 | 114.50 | 20.43 | 178.50 | 93.51 | 89.14 | 11105.71 | |
| 2005-06 | 3586.36 | 2962.50 | 2.00 | 272.00 | 2616.94 | 996.62 | 101.41 | 99.49 | 151.50 | 20.43 | 178.50 | 74.31 | 89.13 | 11151.19 | |
| 2006-07 | 3586.36 | 3172.50 | 2.00 | 272.00 | 2854.69 | 1366.62 | 101.40 | 101.34 | 158.20 | 29.25 | 182.50 | 74.31 | 95.14 | 11996.31 | |
| 2007-08 | 3625.36 | 3382.50 | 2.00 | 272.00 | 2963.22 | 1366.62 | 101.40 | 101.34 | 174.45 | 29.25 | 190.50 | 74.31 | 98.64 | 12381.59 | |
| 2008-09 | 3664.36 | 3382.50 | 2.00 | 272.00 | 2963.22 | 1366.62 | 104.40 | 101.34 | 174.45 | 29.25 | 190.50 | 74.31 | 102.30 | 12427.25 | |
| 2009-10 | 3703.36 | 4382.5 | 2.00 | 272.00 | 3048.54 | 2330.62 | 104.4 | 114.94 | 270.8 | 29.25 | 190.5 | 74.31 | 102.3 | 14625.52 | |
| 2010-11 | 3790.36 | 4592.5 | 2.00 | 272.00 | 2882.68 | 2494.7 | 104.4 | 187.74 | 270.8 | 29.25 | 190.5 | 74.31 | 2 | 109.8 | 15003.04 |
| 2011-12 | 3829.36 | 5092.50 | 3.00 | 272.00 | 3116.54 | 2494.70 | 105.64 | 237.39 | 274.00 | 29.25 | 205.25 | 74.31 | 20.75 | 121.80 | 15876.49 |
| 2012-13 | 3829.36 | 5092.50 | 3.00 | 272.00 | 3428.97 | 2494.70 | 105.64 | 431.29 | 274.00 | 29.25 | 205.25 | 78.79 | 22.75 | 121.80 | 16389.30 |
| 2013-14 | 3829.36 | 5092.50 | 3.00 | 272.00 | 3501.40 | 2494.70 | 105.64 | 663.89 | 274.00 | 29.25 | 205.25 | 78.79 | 45.75 | 121.80 | 16717.33 |

6.2 A.P - PROGRESS IN INSTALLED CAPACITY

(MW)

| Year | State Sector | | | Joint Sector Gas | Share from Central Sector | Private Sector | | | | | | | Total | | |
|---------|--------------|----------|--------------|------------------|---------------------------|----------------|------------|----------|---------------|----------|-------------------|-------------------|----------|----------|-----------|
| | Hydel | Thermal | Wind & Solar | | | Gas | Mini Hydel | Wind | Co-Generation | | Bio-Mass Projects | Mini power plants | | Solar | others |
| | | | | | | | | | Bagasse | Bio-Mass | | | | | |
| 2014-15 | 1671.29 | 3148.15 | 2.00 | 34.29 | 1712.73 | 1150.31 | 89.10 | 1016.22 | 206.95 | 50.37 | 171.25 | 78.79 | 134.85 | 62.70 | 9529.00 |
| 2015-16 | 1671.29 | 3948.15 | 2.00 | 34.29 | 1795.95 | 1578.95 | 89.1 | 1416.32 | 206.95 | 50.37 | 171.25 | 82.00 | 579.19 | 817.74 | 12443.550 |
| 2016-17 | 1721.29 | 3948.15 | 5.426 | 34.29 | 1750.85 | 1578.95 | 87.44 | 3059.75 | 203.95 | 55.14 | 171.25 | 82.00 | 1840.2 | 1337.74 | 15876.42 |
| 2017-18 | 1797.60 | 5010.00 | 5.426 | 34.29 | 2330.55 | 1474.70 | 104.44 | 3771.95 | 203.95 | 64.14 | 171.25 | 17.20 | 1922.20 | 670.71 | 17578.41 |
| 2018-19 | 1797.600 | 5010.000 | 405.426 | 34.290 | 2403.160 | 1474.69 | 102.598 | 3771.95 | 203.950 | 64.150 | 171.250 | 17.200 | 2350.20 | 670.73 | 18477.196 |
| 2019-20 | 1797.600 | 5010.000 | 405.426 | 34.290 | 2529.810 | 1474.690 | 102.598 | 3767.950 | 206.950 | 65.450 | 171.250 | 17.200 | 2850.200 | 1196.712 | 19630.126 |
| 2020-21 | 1797.600 | 4850.000 | 405.426 | 0.000 | 1980.630 | 907.590 | 28.700 | 3767.950 | 105.000 | 0.000 | 132.500 | 0.000 | 3100.200 | 658.360 | 17733.956 |
| 2021-22 | 1773.600 | 4850.000 | 405.426 | 0.000 | 1980.510 | 906.770 | 27.350 | 3767.950 | 94.000 | 0.000 | 108.000 | 0.000 | 3350.200 | 1328.360 | 18592.166 |
| 2022-23 | 1773.600 | 5650.000 | 405.426 | 0.000 | 1978.628 | 906.770 | 28.550 | 3638.950 | 74.000 | 0.000 | 72.000 | 0.000 | 3350.200 | 1953.360 | 19831.484 |
| 2023-24 | 1773.600 | 6450.000 | 405.426 | 0.000 | 1989.260 | 906.770 | 24.550 | 3638.950 | 33.500 | 0.000 | 44.000 | 0.000 | 3350.200 | 1947.360 | 20563.616 |

6.3 INSTALLED CAPACITY AND NET GENERATION IN 2023-24

| Sl.No | Name of the Power House | No.of Units x Capacity MW | Installed Capacity MW | Installed Capacity MW Share | Generation (ex-bus) during 2023-24 in MU (*) | Auxiliary Consumption MU | Plant Load Factor % | Availability Factor % |
|-------------|--|---------------------------------|-----------------------------|-----------------------------------|--|--------------------------------|------------------------------|--------------------------|
| I | THERMAL | | | | | | | |
| 1 | Vijayawada - I Unit 1 | 1 x 210 | 210.00 | 210.00 | 2188.61 | 130.86 | 65.68 | 74.61 |
| | Vijayawada - I Unit 2 | 1 x 210 | 210.00 | 210.00 | | 131.65 | 68.60 | |
| | Vijayawada - II Unit 3 | 1 x 210 | 210.00 | 210.00 | 2473.38 | 141.60 | 72.96 | |
| | Vijayawada - II Unit 4 | 1 x 210 | 210.00 | 210.00 | | 150.86 | 76.85 | |
| | Vijayawada - III Unit 5 | 1 x 210 | 210.00 | 210.00 | 2481.16 | 143.96 | 77.70 | |
| | Vijayawada - III Unit 6 | 1 x 210 | 210.00 | 210.00 | | 139.49 | 73.19 | |
| | Vijayawada-IV | 1x500 | 500.00 | 500.00 | 3195.24 | 181.04 | 76.02 | 83.10 |
| | Vijayawada-V | 1x800 | 800.00 | 800.00 | 906.25 | 46.20 | 35.77 | 36.18 |
| 2 | R.T.P.P -I Unit 1 | 1 x 210 | 210.00 | 210.00 | 2346.86 | 159.61 | 72.30 | 73.54 |
| | R.T.P.P -I Unit 2 | 1 x 210 | 210.00 | 210.00 | | 166.37 | 73.97 | |
| | R.T.P.P -II Unit 3 | 1 x 210 | 210.00 | 210.00 | 2595.87 | 126.32 | 79.16 | 86.63 |
| | R.T.P.P -II Unit 4 | 1 x 210 | 210.00 | 210.00 | | 131.81 | 77.01 | |
| | R.T.P.P.Stg-3 Unit-5 | 1 x 210 | 210.00 | 210.00 | 1184.74 | 139.21 | 71.82 | 77.10 |
| | R.T.P.P.Stg-4 Unit-1 | 1 x 600 | 600.00 | 600.00 | 3310.52 | 242.91 | 66.42 | 71.22 |
| 3 | SDS Thermal Power Project I & II, Krishnapatnam, Stage 1 | 1x800 1x800 | 1600.00 | 1440.00 | 6057.35 | 451.97 | 46.38 | 46.63 |
| 4 | SDS Thermal Power Project, Krishnapatnam, (U1) Stage 2 | 1x800 | 800.00 | 800.00 | 3029.61 | 211.99 | 46.14 | 46.53 |
| | TOTAL | | 6610.00 | 6450.000 | 29769.59 | 2695.85 | 60.82 | 66.17 |
| II | GGPP (Jegurupadu (GVK)) | | | 216.000 | | | | |
| III. | HYDEL : | | | | | | | |
| | | | ✦ | | | | | |
| | 1. Machkund | 3 x 17 3 x 23 | ✦ 84.00 | 60.00 | 449.19 | 2.83 | | |
| | 2. T.B.H.E.S (T.B. Dam & Hampi) | 4 x 9 4 x 9 | ✦ 57.60 | 57.60 | 80.71 | 1.54 | | |
| | 3. Upper Sileru | 4 x 60 | 240.00 | 240.00 | 349.70 | 10.63 | | |
| | 4. Donkarayi | 1 x 25 | 25.00 | 25.00 | 77.71 | 1.75 | | |
| | 5. Lower Sileru | 4 x 115 | 460.00 | 460.00 | 983.94 | 18.80 | | |
| | 6. Srisailam RBHS | 7 x 110 | 770.00 | 770.00 | 3.05 | 3.00 | | |
| | 7.Nagarjunasagar RC PH | 3 x 30 | 90.00 | 90.00 | -0.34 | 0.36 | | |
| | 8.Penna Ahobilam | 2 x 10 | 20.00 | 20.00 | -0.29 | 0.29 | | |
| | 9.Mini Hydro/33&11kv plants | | 1.00 | 1.00 | 3.21 | 0.04 | | |
| | 10.Nagarjuna sagar Tail pond | 2 x 25 | 50.00 | 50.00 | -0.38 | 1.12 | | |
| | TOTAL | | | 1773.600 | 1946.51 | 40.36 | | |
| | 11.Solar APGENCO | | | 405.426 | 776.48 | | | |
| IV | Utilisation from Central Projects : | | | 1989.260 | 11825.06 | | | |
| VI | Private Sector Generation | | | | | | | |
| | 1.IPPs | | | 2586.320 | 10514.84 | | | |
| | 2.Wind | | | 3638.950 | 8603.08 | | | |
| | 3.Solar | | | 3350.200 | 8201.80 | | | |
| VII | Others | | | 153.860 | 10431.69 | | | |
| | GRAND TOTAL (I TO VI) | | | 20563.616 | 81292.57 | 2736.21 | | |

(*) Data collected from EBC

✦ A.P.Share

**6.4 (A) COMMISSIONING DATES OF GENERATING UNITS
IN STATE SECTOR**

| Sl.No. | Station | Details of Unit | Capacity in MW | AP Share | Date of Commissioning | Date of Expiry of PPA |
|---------------------------|---|-----------------|----------------|-----------------|-----------------------|-----------------------|
| I. APGENCO-THERMAL | | | | | | |
| 1 | Dr NTTPS ,Vijayawada Stage -I | Unit-I | 210 | 210 | 01.11.1979 | 31.03.2024 |
| | | Unit-II | 210 | 210 | 10.10.1980 | |
| 2 | Dr NTTPS ,Vijayawada Stage -II | Unit-III | 210 | 210 | 05.10.1989 | |
| | | Unit-IV | 210 | 210 | 23.08.1990 | |
| 3 | Dr NTTPS ,Vijayawada Stage -III | Unit-V | 210 | 210 | 31.03.1994 | |
| | | Unit-VI | 210 | 210 | 24.02.1995 | |
| 4 | Dr NTTPS ,Vijayawada Stage -IV | Unit-VII | 500 | 500 | 28.01.2010 | 27.01.2035 |
| | Dr NTTPS ,Vijayawada Stage -V | Unit-I | 800 | 800 | 21.12.2023 | 20.12.2048 |
| 5 | RTPP Stage -I | Unit-I | 210 | 210 | 31.03.1994 | 31.03.2024 |
| 6 | | Unit-II | 210 | 210 | 25.02.1995 | |
| 7 | RTPP Stage -II | Unit-I | 210 | 210 | 24.01.2007 | 28.03.2033 |
| | | Unit-II | 210 | 210 | 29.03.2008 | |
| 8 | RTPP Stage-III | Unit -I | 210 | 210 | 10.02.2011 | 28.11.2035 |
| 9 | RTPP Stage-IV | Unit -I | 600 | 600 | 29.03.2018 | 27.03.2043 |
| Total Thermal | | | 4210.00 | 4210.00 | | |
| II APGENCO-HYDEL | | | | | | |
| 1 | Machkund | Unit-I | 17 | 60 | 19.08.1955 | 31.03.2024 |
| | | Unit-II | 17 | | 12.12.1955 | |
| | | Unit-III | 17 | | 26.06.1956 | |
| | | Unit-IV | 23 | | 15.01.1959 | |
| | | Unit-V | 23 | | 07.08.1959 | |
| | | Unit-VI | 23 | | 08.08.1959 | |
| 2 | Tunga Bhadra | Unit-I | 9 | 57.6 | 26.01.1957 | |
| | | Unit-II | 9 | | 23.05.1957 | |
| | | Unit-III | 9 | | 19.02.1964 | |
| | | Unit-VI | 9 | | 19.06.1964 | |
| 3 | Hampi | Unit-I | 9 | 240 | 10.02.1958 | |
| | | Unit-II | 9 | | 26.03.1958 | |
| | | Unit-III | 9 | | 14.04.1964 | |
| | | Unit-IV | 9 | | 09.06.1964 | |
| 4 | Upper Sileru | Unit-I | 60 | 240 | 14.10.1967 | |
| | | Unit-II | 60 | | 31.03.1968 | |
| | | Unit-III | 60 | | 31.03.1994 | |
| | | Unit-IV | 60 | | 21.03.1995 | |
| 5 | Donkarayi | | 25 | 25 | 04.10.1983 | |
| 6 | Lower Sileru | Unit-I | 115 | 460 | 28.03.1976 | |
| | | Unit-II | 115 | | 06.10.1976 | |
| | | Unit-III | 115 | | 08.11.1977 | |
| | | Unit-IV | 115 | | 13.06.1978 | |
| 7 | Srisailam RBHS | Unit-I | 110 | 770 | 30.08.1982 | |
| | | Unit-II | 110 | | 14.12.1982 | |
| | | Unit-III | 110 | | 19.11.1983 | |
| | | Unit-IV | 110 | | 27.08.1984 | |
| | | Unit-V | 110 | | 31.03.1986 | |
| | | Unit-VI | 110 | | 30.10.1986 | |
| | | Unit-VII | 110 | | 19.03.1987 | |
| 8 | Nagarjunasagar Right Canal | Unit-I | 30 | 90 | 24.02.1983 | |
| | | Unit-II | 30 | | 14.09.1983 | |
| | | Unit-III | 30 | | 10.09.1990 | |
| 9 | Penna Ahobilam | Unit-I | 10 | 20 | 10.01.1994 | |
| | | Unit-II | 10 | | 23.01.1994 | |
| 10 | Nagarjuna Sagar Tail Pond | Unit-I | 25 | 50 | 05.01.2017 | 29.01.2052 |
| | | Unit-II | 25 | | 28.01.2017 | |
| III. MINI HYDEL | | | | | | |
| 1 | Chettipeta (Godavari Canal) East Godavari Dist | Unit-I | 0.50 | 1.00 | 03.08.1991 | 31.03.2024 |
| | | Unit-II | 0.50 | | 09.08.1991 | |
| | | | 1797.60 | 1773.60 | | |
| IV. SOLAR | | | | | | |
| 1 | Polavaram Right Canal (W.G) | | 5.426 | 5.426 | 19.11.2016 | 18.11.2041 |
| | Talaricheruvu (V), Tadipatri (M), Ananthapur Dist | | 400.000 | 400.000 | 14.03.2019 | 13.03.2044 |
| Total APGENCO | | | | 6389.026 | | |

**6.4 (B) COMMISSIONING DATES OF GENERATING UNITS
IN JOINT AND CENTRAL SECTOR**

| Sl.No. | Station | Details of Unit | Capacity in MW | AP Share | Date of Commissioning | Date of Expiry of PPA |
|---|--|-----------------|----------------------|------------------------|-----------------------|---|
| 6.4(B)-1 COMMISSIONING DATES OF GENERATING UNITS IN JOINT SECTOR | | | | | | |
| VI | Joint Sector | | | | | |
| 1 | GGPP (Jegurupadu (GVK)) | | 2x45.8+1x48.9+1x75.5 | 216 | 20.06.1997 | Owned by ADISCOMS |
| 2 | SDS Thermal Power Project, Krishnapatnam Stage -I | Unit I | 1x800 | 720 | 05.02.2015 | 23.08.2040 |
| 3 | | Unit II | 1x800 | 720 | 24.08.2015 | |
| 4 | SDS Thermal Power Project, Krishnapatnam, (U1) Stage 2 | Unit III | 1x800 | 800 | 10.03.2023 | 09.03.2048 |
| Total | | | | 2456 | | |
| 6.4(B)-2 SHARE FROM GENERATING UNITS IN CENTRAL SECTOR | | | | | | |
| VII | Thermal(Central Units with Capacity (MW)) | Details of Unit | Capacity in MW | share as on 31/03/2024 | Date of Commissioning | |
| 1 | NTPC Ramagundam STPS Stage -I | Unit I | 200 | 287.180 | Oct, 1983 | 31.10.2017 |
| | | Unit II | 200 | | May, 1984 | |
| | | Unit III | 200 | | Dec, 1984 | |
| 2 | NTPC Ramagundam STPS Stage -II | Unit IV | 500 | | Jun, 1988 | |
| | | Unit V | 500 | | Mar, 1989 | |
| | | Unit VI | 500 | | Oct, 1989 | |
| 3 | NTPC Ramagundam STPS Stage -III | Unit VII | 500 | 72.110 | April'2005 | 24.03.2030 |
| 4 | NPC MAPP (Kalpakkam, TN) | Unit I | 220 | 18.160 | 24.12.2011 | 23.12.2026 |
| | | Unit II | 220 | | | |
| 5 | NLC TPS Stage-I (Neyvelin, TN) | Unit I | 210 | 46.880 | 17.01.1988 | 31.03.2021 |
| | | Unit II | 210 | | 06.02.1987 | |
| | | Unit III | 210 | | 29.03.1986 | |
| 6 | NLC TPS Stage-I (Neyvelin, TN) | Unit IV | 210 | 85.830 | 30.03.1991 | |
| | | Unit V | 210 | | 30.12.1991 | |
| | | Unit VI | 210 | | 30.10.1992 | |
| | | Unit VII | 210 | | 19.06.1993 | |
| 7 | NPC KAIGA Stage -I Karnataka) | Unit I | 220 | 55.380 | 1999-2001 | 19.01.2026 |
| | | Unit II | 220 | | 1999-2001 | |
| | NPC KAIGA Stage -II Karnataka) | Unit III | 220 | 59.070 | 19.05.2007 | |
| | | Unit IV | 220 | | 20-01-2011 | |
| 8 | NTPC Simhadri Stage I (Visakhapatnam, AP) | Unit I | 500 | 461.100 | 27.02.1997 | 28.02.2028 |
| | | Unit II | 500 | | | |
| 9 | NTPC Simhadri Stage II (Visakhapatnam, AP) | Unit I | 500 | 216.350 | 30.09.2012 | 29.09.2037 |
| 10 | Talcher Stage II (Orissa) | Unit III | 500 | 180.390 | 2002-03 | 31.07.2030 |
| | | Unit IV | 500 | | 25.10.2003 | |
| | | Unit V | 500 | | 13.05.2004 | |
| | | Unit VI | 500 | | 05.02.2005 | |
| 11 | NTECL Vallur Stage-I,II, III (Vallur, TN) | | 3x500 | 86.450 | 26.02.2015 | 25.02.2040 |
| 12 | NTPL, Tuticoran (JV of NLC & TNEB),Tamilnadu | | 2x500 | 121.620 | 29.08.2015 | 28.08.2040 |
| 13 | NTPC (Kudgi) | | 800 | 224.000 | 15.09.2018 | 14.09.2043 |
| 14 | New Neyveli Thermal power station (NNTPS) | | 500 | 52.710 | 08.02.2011 | 09.2.2046 |
| 15 | Kudankulam | | | 1.780 | | No PPAs but MoP allocation from unallocated share |
| 16 | NLC TPS I EXP | | 2x210 | 2.240 | | |
| 17 | NLC TPS II EXP | | 2x250 | 2.670 | | |
| 18 | Telangana STPP- Unit 1 | | 1x800 | 15.340 | | |
| Total Share from Central Sector | | | | 1989.260 | | |
| 6.4 (C) COMMISSIONING DATES OF GENERATING UNITS IN PRIVATE SECTOR (IPPs) | | | | | | |
| S.No. | Station | Details of Unit | Capacity in MW | AP Share | Date of Commissioning | Date of Expiry of PPA |
| VIII | GAS | | | | | |
| 1 | M/s. GVK -Extn | 1x45+1x75 | 101.440 | 101.440 | 14.04.2009 | 13.04.2024 |
| 2 | M/s. GMRVemagiri | 1x233+1x137 | 170.610 | 170.610 | 16.09.2006 | 15.09.2029 |
| 3 | M/s.Konaseema Gas Power Ltd (KGPL) | 2x140+1x165 | 204.770 | 204.770 | 30.06.2010 | 29.06.2025 |
| 4 | M/s. GVK Gautami (East Godavari Dist) | 2x145+1x175 | 213.950 | 213.950 | 05-06-2009 | 04.06.2024 |
| TOTAL MW | | | | 690.770 | | |
| IX | THERMAL | | | | | |
| 5 | M/s Sembcorp Energy India Limited | | 230.550 | 230.550 | 20.04.2015 | 29.02.2038 |
| 6 | M/S Hinduja I & II 2 x 520 MW) | 2x520 | 1040.000 | 1040.000 | 03.07.2016 | 02.07.2041 |
| 7 | M/s Sembcorp Energy India Limited | 1x625 | 625.000 | 625.000 | 01.02.2023 | 31.01.2035 |
| TOTAL MW | | | | 1895.550 | | |

| 6.4 (c) Commissioning Dates of Generating Units in Private Sector (Mini Hydel) | | | | | (KW) | | |
|--|--|--------------------------------------|------------------------|----------------------------|-----------------------|-----------------------|--|
| Sl. No. | Name of the Company | Location | District | Capacity Connected to Grid | Date of Commissioning | Date of Expiry of PPA | |
| Mini Hydel (Capacity Under Power Purchase Agreement) | | | | | | | |
| 1 | M/s Bhavani Hydro Power Projects Pvt. Ltd. | Guntur Branch Canal | Guntur | 550 | 17-11-2004 | 16.11.2024 | |
| 2 | M/s Balaji Energy Ltd. | Somasila Reservoir | Nellore | 12000 | 31-12-2005 | 30.12.2025 | |
| 3 | M/s.Sardar Power Ltd | Nagavali river at Nagur, Gurugubilli | Vizianagaram | 3000 | 17-7-2008 | 16.07.2028 | |
| 4 | APTRIPCO | Vetamamidi (V) Addathigala (M) | East Godavari | 1200 | 15.4.2011 | 14.04.2031 | |
| 5 | M/s.NCL Energy Ltd. | T.B.Dam | Bellary Dt, Karnataka. | 6600 | 27.09.2004 | 26.09.2039 | |
| 6 | M/s Pinjarikonda | Pinjarikonda (V), Addateegala (M) | East Godavari | 1200 | 04.01.2023 | 03.01.2043 | |
| Total Mini Hydel in MW | | | | 24.550 | | | |

6.4 (c) Commissioning Dates of Generating Units in Private Sector(WIND POWER)

| Sl. No. | Name of the Plant | Location | District | Installed Capacity (MW) | Commercial Operation Date | PPA Expiry date |
|--|--|-------------------------------|------------|-------------------------|---------------------------|-----------------|
| PROJECTS SELLING ENERGY TO APDISCOMs UNDER PPAs: | | | | | | |
| 1 | M/s Weizmann Ltd. | Ramagiri, Ananthapur, APSPDCL | Ananthapur | 7.5 | 22-10-1995 | 12.09.2025 |
| 2 | NEDCAP | Kondamedapalli | Kurnool | 2.75 | 19-02-2002 | 30.03.2031 |
| 3 | NEDCAP | Narsimhakonda | Nellore | 2.5 | 19-02-2002 | 30.03.2024 |
| 4 | NILE Limited | Ramagiri | Ananthapur | 2 | 20-05-2002 | 29.08.2025 |
| 5 | M/s Maxivision Laser Centre Pvt. Ltd. | Kadavakallu | Ananthapur | 0.45 | 18-01-2006 | 06.02.2026 |
| 6 | Dr.Kasu Prasad Reddy. | Kadavakallu | Ananthapur | 0.45 | 18-01-2006 | 06.02.2026 |
| 7 | M/s Vimal Roller Flour Mills | Kadavakallu | Ananthapur | 0.225 | 20-01-2006 | 06.02.2026 |
| 8 | M/s V.V.Agro Foods | Kadavakallu | Ananthapur | 0.225 | 20-01-2006 | 06.02.2026 |
| 9 | M/s Shilpa Medicare Ltd. | Kondameedipalli | Kurnool | 1.6 | 19-05-2010 | 17.06.2030 |
| 10 | M/s Vikram Traders | Kondameedipalli | Kurnool | 0.8 | 19-05-2010 | 17.06.2030 |
| 11 | M/s Orange Sorting Machines(India) Pvt. Ltd | Kondameedipalli | Kurnool | 0.8 | 19-04-2010 | 05.04.2030 |
| 12 | M/s Canara Cements Pipes | Kondameedipalli | Kurnool | 0.8 | 19-04-2010 | 19.04.2030 |
| 13 | M/s Nandi Roller Flour Mills(P) Ltd | Kondameedipalli | Kurnool | 0.8 | 20-04-2010 | 14.04.2030 |
| 14 | M/s Texmo Industries | Kondameedipalli | Kurnool | 2.4 | 20-04-2010 | 14.04.2030 |
| 15 | M/s Prakash Beedies Pvt. Ltd | Kondameedipalli | Kurnool | 0.8 | 20-04-2010 | 07.04.2030 |
| 16 | M/s Arts and Crafts Exports | Kondameedipalli | Kurnool | 0.8 | 21-04-2010 | 21.04.2030 |
| 17 | M/s G. shoe Export | Kondameedipalli | Kurnool | 0.8 | 21-04-2010 | 21.04.2030 |
| 18 | M/s Chandulal Surajmal | Kondameedipalli | Kurnool | 0.8 | 21-04-2010 | 21.04.2030 |
| 19 | M/s Compucom Software Ltd. | Kondameedipalli | Kurnool | 0.8 | 22-04-2010 | 21.04.2030 |
| 20 | M/s Mayura Steels Pvt. Ltd | Kondameedipalli | Kurnool | 0.8 | 22-04-2010 | 22.04.2030 |
| 21 | M/s Siddaganga Oil Extractions Pvt. Ltd. | Kondameedipalli | Kurnool | 1.6 | 22-04-2010 | 23.04.2030 |
| 22 | M/s Protectron Electromech Pvt. Ltd | Kondameedipalli | Kurnool | 0.8 | 22-04-2010 | 27.07.2032 |
| 23 | M/s S.Kumar | Kondameedipalli | Kurnool | 0.8 | 23-04-2010 | 23.04.2030 |
| 24 | M/s Meghana Associates | Kondameedipalli | Kurnool | 0.8 | 23-04-2010 | 21.04.2030 |
| 25 | M/s Vaayu(India) Power Corporation Ltd(Phase-I) | Kondameedipalli | Kurnool | 4.8 | 22-07-2010 | 01.08.2030 |
| 26 | M/s Vaayu(India) Power Corporation Ltd(Phase-2) | Kondameedipalli | Kurnool | 4.8 | 22-07-2010 | 24.09.2030 |
| 27 | M/s Vaayu(India) Power Corporation Ltd(Phase-3) | Kondameedipalli | Kurnool | 4.8 | 22-07-2010 | 29.03.2031 |
| 28 | M/s Vaayu(India) Power Corporation Ltd(Phase-4) | Kondameedipalli | Kurnool | 11.2 | 22-07-2010 | 27.09.2030 |
| 29 | M/s Vaayu(India) Power Corporation Ltd(Phase-5) | Kondameedipalli | Kurnool | 4.8 | 22-07-2010 | 29.09.2030 |
| 30 | M/s Vaayu(India) Power Corporation Ltd(Phase-6) | Kondameedipalli | Kurnool | 9.6 | 22-07-2010 | 01.12.2030 |
| 31 | M/s Vaayu(India) Power Corporation Ltd(Phase- 7) | Kondameedipalli | Kurnool | 10.4 | 22-07-2010 | 30.12.2030 |
| 32 | M/s Texmo Precision Castings Ltd. | Kondameedipalli | Kurnool | 1.6 | 02-08-2010 | 02.08.2030 |
| 33 | M/s Vish Wind Infrastructure LLP (Phase-I) | Kondameedipalli | Kurnool | 0.8 | 30-10-2010 | 13.10.2030 |
| 34 | M/s Vish Wind Infrastructure LLP (Phase-III) | Kondameedipalli | Kurnool | 1.6 | 30-10-2010 | 30.03.2031 |
| 35 | M/s Vish Wind Infrastructure LLP (Phase-II) | Kondameedipalli | Kurnool | 4 | 30-10-2010 | 13.10.2030 |
| 36 | M/s. Texonic Instruments. | Kondameedipalli | Kurnool | 0.8 | 16-12-2010 | 29.03.2031 |
| 37 | M/s. Shreem Electric Limited | Kondameedipalli | Kurnool | 1.6 | 30-03-2011 | 30.03.2031 |
| 38 | M/s Happy Valley Developers | Kondameedipalli | Kurnool | 0.8 | 16-12-2010 | 30.03.2031 |
| 39 | M/s.Sai Silks (Kalamandir) | Kondameedipalli | Kurnool | 2 | 31-03-2011 | 30.03.2031 |
| 40 | M/s. Hyderabad Chemicals limited (Vibrant Greentech) | Kondameedipalli | Kurnool | 5.1 | 18-06-2011 | 29.06.2031 |
| 41 | M/s. International – Conveyors (Phase-I) | Kondameedipalli | Kurnool | 0.8 | 20-08-2011 | 21.09.2031 |
| 42 | M/s. International Conveyors (Phase-II) | Kondameedipalli | Kurnool | 0.8 | 20-09-2011 | 21.09.2031 |
| 43 | Triveni Enterprises | Kondameedipalli | Kurnool | 0.8 | 31-03-2011 | 29.09.2031 |
| 44 | M/s Vish Wind Infrastructure LLP (Phase-IV) | Kondameedipalli | Kurnool | 1.6 | 17-12-2011 | 29.09.2031 |
| 45 | M/s Ramansons Asbestos cement products | Kondameedipalli | Kurnool | 0.8 | 31-01-2012 | 30.01.2032 |
| 46 | M/s NREDCAP | Rekulakunta | Ananthapur | 5.95 | 27-03-2012 | 30.01.2032 |

6.4 (c) Commissioning Dates of Generating Units in Private Sector(WIND POWER)

| Sl. No. | Name of the Plant | Location | District | Installed Capacity (MW) | Commercial Operation Date | PPA Expiry date |
|--|--|--------------------------|------------|-------------------------|---------------------------|-----------------|
| PROJECTS SELLING ENERGY TO APDISCOMs UNDER PPAs: | | | | | | |
| 47 | M/s NREDCAP | Kondameedipalli | Kurnool | 1.6 | 29-03-2012 | 30.03.2032 |
| 48 | M/s IOCL | Vajrakarur | Ananthapur | 16.8 | 31-03-2012 | 30.03.2032 |
| 49 | M/s Mytrah Vayu (Pennar) Pvt Ltd. (Phase-I) | Vajrakarur | Ananthapur | 16.8 | 27-04-2012 | 26.04.2032 |
| 50 | M/s.IOCL | Vajrakarur | Ananthapur | 10.5 | 08-05-2012 | 17.05.2032 |
| 51 | M/s.MGM Springs private Limited | Nallakonda site | Ananthapur | 0.8 | 05.06.2012 | 18.07.2032 |
| 52 | M/s.Sri KPR Infra & Projects Ltd | Gandikota | YSR Kadapa | 2.1 | 31-10-2014 | 16.07.2038 |
| 53 | M/s.Mytrah Vayu (Pennar) Pvt Ltd (Ph-II) | Vajrakarur | Ananthapur | 16.8 | 11-01-2013 | 10.01.2038 |
| 54 | M/s.Mytrah Vayu (Pennar) Pvt Ltd (Ph-III) | Vajrakarur | Ananthapur | 6.3 | 11-01-2013 | 10.01.2038 |
| 55 | M/s.Mytrah Vayu (Pennar) Pvt Ltd (Ph-IV) | Vajrakarur | Ananthapur | 6.3 | 11-01-2013 | 10.01.2038 |
| 56 | M/s.Mytrah Vayu (Pennar) Pvt Ltd (Ph-V) | Vajrakarur | Ananthapur | 4.2 | 11-01-2013 | 10.01.2038 |
| 57 | M/s.Mytrah Vayu (Pennar) Pvt Ltd (Ph-VI) | Vajrakarur | Ananthapur | 4.2 | 11-01-2013 | 10.01.2038 |
| 58 | M/s.Mytrah Vayu (Pennar) Pvt Ltd (Ph-VII) | Vajrakarur | Ananthapur | 6.3 | 11-01-2013 | 10.01.2038 |
| 59 | M/s.Mytrah Vayu (Pennar) Pvt Ltd (Ph-VIII) | Vajrakarur | Ananthapur | 2.1 | 11-01-2013 | 10.01.2038 |
| 60 | M/s,Khandke Wind Energy Private Ltd phase-I | Nallakonda site | Ananthapur | 2.4 | 19-03-2013 | 09.04.2038 |
| 61 | M/s,Khandke Wind Energy Private Ltd phase-II | Nallakonda site | Ananthapur | 6.4 | 19-03-2013 | 03.05.2038 |
| 62 | M/s,Khandke Wind Energy Private Ltd phase-III | Nallakonda site | Ananthapur | 4 | 19-03-2013 | 10.07.2038 |
| 63 | M/s,Khandke Wind Energy Private Ltd phase-IV | Nallakonda site | Ananthapur | 2.4 | 19-03-2013 | 03.08.2038 |
| 64 | M/s. Khandke Wind Energy Pvt Ltd Phase -V | Nallakonda site | Ananthapur | 16 | 16-05-2013 | 05.09.2038 |
| 65 | M/s.IOCL | Gandikota | YSR Kadapa | 14.7 | 21-03-2013 | 02.04.2038 |
| 66 | M/s Neminath Trading Company (M/s.RV Consulting services Private Ltd) | Nallakonda site | Ananthapur | 0.8 | 28-03-2013 | 09.04.2038 |
| 67 | M/s.Beta Wind Farms private Limited | Kadavakallu | Ananthapur | 50.4 | 29-05-2013 | 26.07.2038 |
| 68 | M/s.Weld Fuse Pvt Ltd | Gandikota Jammalamadugu | YSR Kadapa | 2.1 | 31-10-2014 | 16.07.2038 |
| 69 | M/s.KRBL Ltd | Gandikota Jammalamadugu | YSR Kadapa | 2.1 | 31-10-2014 | 16.07.2038 |
| 70 | M/s.Saptagir Camphor limited | Nallakonda site | Ananthapur | 0.8 | 10-07-2013 | 04.08.2038 |
| 71 | M/s Hitech Systems & services Ltd | P.C.Pyapalli | Ananthapur | 4.2 | 04-03-2014 | 27.03.2039 |
| 72 | M/s Woodside Fashions Ltd | Chabala(V) | Ananthapur | 2.1 | 05-03-2014 | 27.03.2039 |
| 73 | M/s.Mytrah Vayu (krishna) Pvt Ltd | Burugula site | Kurnool | 37.4 | 12-02-2014 | 20.02.2039 |
| 74 | M/s Energon Power Resource Pvt Ltd | Tagguparthly | Ananthapur | 48 | 04-07-2014 | 07.07.2039 |
| 75 | M/s.Indian Oil Corporation Limited (Suzlon) | Gandikota Jammalamadugu | YSR Kadapa | 4.2 | 18-07-2014 | 30.03.2039 |
| 76 | M/s .Rayala wind Power Company Private Limited | Balavenkatapuram | Ananthapur | 101.2 | 25-02-2014 | 28.11.2038 |
| 77 | M/s Rayala wind power projects Ltd | Balavenkatapuram | Ananthapur | 50 | 22-07-2014 | 25.07.2039 |
| 78 | M/s En En Electrical Engineers Pvt Limited | Vajrakarur(M) | Ananthapur | 2.1 | 01-09-2014 | 13.11.2039 |
| 79 | M/s Santhiram Wind power Pvt Limited | Chabala(V) | Ananthapur | 2.1 | 26-09-2014 | 11.06.2039 |
| 80 | M/s.Sri Venkateswara Pipes Limited (KPR Industries) | Gandikota, Jammalamadugu | YSR Kadapa | 2.1 | 31-10-2014 | 16.07.2038 |
| 81 | M/s.Hetro Wind power project Limited | 220/132 KV Kondapuram SS | YSR Kadapa | 13.5 | 18-12-2014 | 02.07.2038 |
| 82 | M/s KRBL | Ganthimarri | Ananthapur | 8.4 | 23-12-2014 | 20.11.2039 |
| 83 | M/s Rajasthan Gum Pvt Limited | Muthuvakuntala | Ananthapur | 2.1 | 24-12-2014 | 30.12.2039 |
| 84 | M/s BNR constructions | Kondamedapalli | Kurnool | 1 | 02-01-2015 | 18.12.2039 |
| 85 | M/s Hitech Systems & services Ltd | Anantapur | Ananthapur | 2.1 | 28-04-2015 | 01.06.2040 |
| 86 | Anantapura Wind Energies Pvt Limited (Rayala group) | Anantapur | Ananthapur | 10 | 16-05-2015 | 18.05.2040 |
| 87 | Rayalaseema Wind Energies Pvt Limited (Rayala group) | Anantapur | Ananthapur | 10 | 16-05-2015 | 18.05.2040 |
| 88 | Rayala wind power company limited | Balavenkatapuram | Ananthapur | 8 | 16-05-2015 | 14.09.2040 |
| 89 | Sri Vijayeebhava Enterprises private Limited | Muthuvakuntala | Ananthapur | 2.1 | 21-05-2015 | 31.07.2040 |
| 90 | Energon Ph-II(Vena Energies Power) | Tagguparthly | Ananthapur | 100 | 05-06-2015 | 10.03.2040 |
| 91 | Jindal Aluminium Limited | Vajrakarur, Uravakonda. | Ananthapur | 25.2 | 17-10-2015 | 27.05.2040 |

6.4 (c) Commissioning Dates of Generating Units in Private Sector(WIND POWER)

| Sl. No. | Name of the Plant | Location | District | Installed Capacity (MW) | Commercial Operation Date | PPA Expiry date |
|--|--|-----------------------|------------|-------------------------|---------------------------|-----------------|
| PROJECTS SELLING ENERGY TO APDISCOMs UNDER PPAs: | | | | | | |
| 92 | KCT Renewable Energy Pvt Ltd(KARAMCHAND THAPAR&BROS (COAL SALES)LTD) | Borampalli | Ananthapur | 24 | 21-10-2015 | 09.08.2040 |
| 93 | Sunwin power tech India LLP | Signamala | Ananthapur | 4 | 12-11-2015 | 27.11.2040 |
| 94 | Vibrant green tech India (P) Ltd | Signamala | Ananthapur | 0.8 | 12-11-2015 | 27.11.2040 |
| 95 | Vibrant green tech India (P) Ltd | Signamala | Ananthapur | 8 | 12-11-2015 | 14.12.2040 |
| 96 | JED Solar Parks Pvt Ltd | Yatakal | Ananthapur | 24 | 30-11-2015 | 22.07.2041 |
| 97 | Poly Solar Parks Pvt Ltd | Ellutla | Ananthapur | 24 | 30-11-2015 | 22.07.2041 |
| 98 | Mythrah Vaayu (Indiravathi) Pvt Ltd | Pottipadu, Vajrarakur | Ananthapur | 65.1 | 23-02-2016 | 05.03.2041 |
| 99 | ReNew Wind Energy (Shivapur)Pvt Ltd | Ellutla | Ananthapur | 44.1 | 27-02-2016 | 23.08.2041 |
| 100 | Mythrah Vaayu (Indiravathi) Pvt Ltd | Pottipadu, Vajrarakur | Ananthapur | 39.9 | 31-12-2015 | 30.12.2040 |
| 101 | KCT Renewable Energy Pvt Ltd(Renew Vayu Urja) | Molagavalli (V) | Kurnool | 20.4 | 03-03-2016 | 13.07.2041 |
| 102 | KCT Renewable Energy Pvt Ltd(Renew Vayu Urja) | Nallakonda | Ananthapur | 18.7 | 03-03-2016 | 13.07.2041 |
| 103 | Mytrah Vayu (Thungabadra) Pvt Ltd | Aspari (V&M) | Kurnool | 98.3 | 05-03-2016 | 14.10.2041 |
| 104 | Sterling Agro Industries Ltd | Nallakonda | Ananthapur | 1.6 | 14-03-2016 | 16.08.2041 |
| 105 | TSSS Infotech and Infra Ltd | Nallakonda | Ananthapur | 2.4 | 14-03-2016 | 08.03.2042 |
| 106 | Animala Wind Power Pvt Ltd | Anemela (V) | YSR Kadapa | 54 | 14-03-2016 | 29.03.2042 |
| 107 | Saptagir Camphor Ltd | Nallakonda | Ananthapur | 0.8 | 14-03-2016 | 28.03.2042 |
| 108 | Amrit Bottlers Pvt Ltd | Nallakonda | Ananthapur | 0.8 | 14-03-2016 | 27.03.2042 |
| 109 | M/s Sandla Wind Power Project Limited | Vidapanakallu | Ananthapur | 50.4 | 15-03-2016 | 30.03.2041 |
| 110 | Hetero Wind Power (Pennar)Pvt Ltd | Tirumalayapalli | YSR Kadapa | 10.5 | 16-03-2016 | 18.06.2041 |
| 111 | Hetero Wind Power (Pennar)Pvt Ltd | Tirumalayapalli | YSR Kadapa | 6 | 16-03-2016 | 12.07.2041 |
| 112 | Hetero Wind Power (Pennar) Pvt Ltd | Tirumalayapalli | YSR Kadapa | 24 | 16-03-2016 | 20.08.2041 |
| 113 | Levelstate Systems Pvt Ltd | Belguppa | Ananthapur | 2.1 | 19-03-2016 | 23.03.2041 |
| 114 | Rajasthan Gumn Private Limited | Belguppa | Ananthapur | 8.4 | 19-03-2016 | 29.03.2041 |
| 115 | Jai Bharath Gum & Chemicals Ltd | Belguppa | Ananthapur | 2.1 | 19-03-2016 | 19.09.2041 |
| 116 | Hi-Tech Systems and Services Ltd | Belguppa | Ananthapur | 2.1 | 20-03-2016 | 26.03.2041 |
| 117 | Mangalam Fashions Ltd | Belguppa | Ananthapur | 2.1 | 21-03-2016 | 29.03.2042 |
| 118 | Woodside Fashions Ltd | Belguppa | Ananthapur | 2.1 | 21-03-2016 | 23.03.2041 |
| 119 | Ushodaya Enterprises Pvt Ltd | Belguppa | Ananthapur | 4.2 | 21-03-2016 | 23.03.2041 |
| 120 | Shrinath Gum & Chemicals | Belguppa | Ananthapur | 2.1 | 21-03-2016 | 23.03.2041 |
| 121 | Shree Ram Industries | Belguppa | Ananthapur | 4.2 | 21-03-2016 | 23.03.2041 |
| 122 | Om Prakash Soni | Belguppa | Ananthapur | 2.1 | 21-03-2016 | 23.03.2041 |
| 123 | Sai Pet Preforms | Belguppa | Ananthapur | 2.1 | 21-03-2016 | 23.03.2041 |
| 124 | Manoj Aggarwalla | Belguppa | Ananthapur | 2.1 | 21-03-2016 | 23.03.2041 |
| 125 | Imperial Arts | Belguppa | Ananthapur | 2.1 | 21-03-2016 | 26.03.2041 |
| 126 | Eenadu Television Pvt Ltd | Belguppa | Ananthapur | 2.1 | 21-03-2016 | 26.03.2041 |
| 127 | Prince Art Exporter | Belguppa | Ananthapur | 4.2 | 21-03-2016 | 26.03.2041 |
| 128 | Kaushaliya Devi Dhoot | Belguppa | Ananthapur | 2.1 | 21-03-2016 | 28.03.2041 |
| 129 | Satyanarayana Dhoot | Belguppa | Ananthapur | 2.1 | 21-03-2016 | 28.03.2041 |
| 130 | Dinesh Enterprises | Belguppa | Ananthapur | 2.1 | 21-03-2016 | 30.03.2041 |
| 131 | Mytrah Vayu (Krishna) Pvt Ltd | Burugula | Kurnool | 8.5 | 05-03-2016 | 23.03.2042 |
| 132 | M/s orange Anantapur Wind Power Pvt Limited | Nimbagal(V) | Ananthapur | 100 | 28-03-2016 | 27.03.2041 |
| 133 | Chimique (INDIA)Pvt Ltd | Pottipadu | Ananthapur | 2.1 | 30-03-2016 | 29.03.2041 |
| 134 | ZR Renewables Energy Pvt Ltd | Tallaricheruvu | Ananthapur | 16 | 27-04-2016 | 26.08.2041 |
| 135 | Gutaseema Wind Energy Company Private Limited | Palakonda Hills | Ananthapur | 20 | 09-05-2016 | 21.03.2043 |
| 136 | Ostro Anantapur Pvt Ltd | Honnura-Palturu | Ananthapur | 100 | 31-05-2016 | 20.07.2041 |
| 137 | Orange Uravakonda Wind Power Pvt Ltd | Belguppa | Ananthapur | 100.8 | 31-05-2016 | 27.07.2041 |

6.4 (c) Commissioning Dates of Generating Units in Private Sector(WIND POWER)

| Sl. No. | Name of the Plant | Location | District | Installed Capacity (MW) | Commercial Operation Date | PPA Expiry date |
|--|---|-------------------|------------|-------------------------|---------------------------|-----------------|
| PROJECTS SELLING ENERGY TO APDISCOMs UNDER PPAs: | | | | | | |
| 138 | ReNew Wind Energy (Shivapur)Pvt Ltd | Ellutla | Ananthapur | 39.9 | 08-06-2016 | 28.11.2041 |
| 139 | Mytrah Vayu (Tungabhadra)Pvt Ltd | Aspari site | Kurnool | 50.6 | 15-06-2016 | 26.03.2042 |
| 140 | Axis Wind Energy (MPR Dam) | MPR Dam, | Ananthapur | 100 | 20-07-2016 | 29.03.2042 |
| 141 | Vayuputhra Energy Pvt Ltd | Vajrakarur | Ananthapur | 20 | 20-07-2016 | 21.03.2043 |
| 142 | ReNew Wind Energy (Shivapur) Pvt Ltd | Madugupalli | Ananthapur | 4.2 | 23-07-2016 | 12.10.2041 |
| 143 | Vayu Urja Bharat Pvt Ltd | Guruvempalli | Ananthapur | 120 | 28-07-2016 | 30.03.2042 |
| 144 | NATCO | Betamcherla | Kurnool | 1.6 | 05-08-2016 | 08.09.2041 |
| 145 | Danu Wind Parks Pvt Ltd | Betamcherla | Ananthapur | 22.4 | 04-08-2016 | 06.09.2041 |
| 146 | Ostro Andhra Wind Pvt Ltd | Ramapuram | Ananthapur | 98.7 | 04-08-2016 | 22.03.2042 |
| 147 | Ostro AP Wind Pvt Ltd | Rallapalli | Ananthapur | 98.7 | 09-08-2016 | 22.03.2042 |
| 148 | Sterling Agro Industries Ltd | Nallakonda | Ananthapur | 7.2 | 14-03-2016 | 16.08.2041 |
| 149 | M/s. Fujin Wind Parks Pvt Ltd | Kandimalayapalli | Ananthapur | 46 | 16-09-2016 | 30.03.2042 |
| 150 | Aeolus Wind Parks Pvt Ltd | Kandimalayapalli | Ananthapur | 24 | 16-09-2016 | 08.08.2042 |
| 151 | Jaibharat Gum & Chemicals Pvt Ltd | Ragulapadu | Ananthapur | 2.1 | 17-09-2016 | 19.09.2041 |
| 152 | RBA Properties Pvt Ltd | Pottipadu | Ananthapur | 2.1 | 17-09-2016 | 19.09.2041 |
| 153 | ReNew Wind Energy (Shivapur)Pvt Ltd | Ellutla | Ananthapur | 31.5 | 30-09-2016 | 12.10.2041 |
| 154 | M/s. Helios Infratech Pvt Ltd | Badra Puram | Ananthapur | 100.8 | 30-09-2016 | 29.03.2042 |
| 155 | M/s.Skiron Renewable Energy (Amidyala)Pvt Ltd | Amidyala (V) | Ananthapur | 226.8 | 21-10-2016 | 27.03.2042 |
| 156 | Saipuram Wind Energies Pvt Ltd | Rudrampalli | Ananthapur | 104.5 | 22-10-2016 | 22.03.2042 |
| 157 | M/s. Animala Wind Power Pvt Ltd | Nandipalli (V) | YSR Kadapa | 30 | 22-10-2016 | 23.08.2042 |
| 158 | Tata Power Renewable Energy Pvt Ltd | Honnura - Palturu | Ananthapur | 100 | 31-10-2016 | 26.12.2041 |
| 159 | Danu Wind Parks Pvt Ltd | Nelakota | Ananthapur | 23 | 31-10-2016 | 29.06.2042 |
| 160 | M/s. PTC Energy Ltd (customer of gamesa) | Mulagavali | Kurnool | 50 | 11-01-2017 | 17.03.2042 |
| 161 | KCT Renewable Energy Ph-1 | Mulagavali | Kurnool | 20 | 13-02-2017 | 27.02.2042 |
| 162 | KCT Renewable Energy Ph-2 | Mulagavali | Kurnool | 20 | 13-02-2017 | 27.02.2042 |
| 163 | PTC Energy Pvt Ltd | Kandimalayapalli | YSR Kadapa | 49.3 | 13-02-2017 | 23.03.2042 |
| 164 | PTC Energy Pvt Ltd | Payalakuntla | YSR Kadapa | 40 | 13-02-2017 | 29.03.2042 |
| 165 | KPR Infra & Projects Ltd | Tallimadugula | Ananthapur | 2 | 16-02-2017 | 29.03.2042 |
| 166 | Bommidala Enterprises Pvt Ltd | Tallimadugula | Ananthapur | 2 | 16-02-2017 | 29.03.2042 |
| 167 | Poonawalla Aviation Pvt Ltd | Belguppa | Ananthapur | 6.3 | 17-02-2017 | 17.03.2042 |
| 168 | Poonawalla Shares & Securities Pvt Ltd | Belguppa | Ananthapur | 4.2 | 17-02-2017 | 17.03.2042 |
| 169 | Cyzachem Pvt Ltd | Belguppa | Ananthapur | 4.2 | 17-02-2017 | 17.03.2042 |
| 170 | Villos Greenfield Farms | Belguppa | Ananthapur | 6.3 | 17-02-2017 | 17.03.2042 |
| 171 | Cyrus Poonawalla Family Trust | Belguppa | Ananthapur | 2.1 | 17-02-2017 | 17.03.2042 |
| 172 | Poonawalla Estate Stud & A gri Farm Pvt Ltd | Belguppa | Ananthapur | 4.2 | 17-02-2017 | 17.03.2042 |
| 173 | Chanda Investment & Trading C.Pvt Ltd | Belguppa | Ananthapur | 4.2 | 17-02-2017 | 17.03.2042 |
| 174 | Adurjee Bros Pvt Ltd | Belguppa | Ananthapur | 14.7 | 17-02-2017 | 17.03.2042 |
| 175 | Naukhal Investment Pvt Ltd | Belguppa | Ananthapur | 4.2 | 17-02-2017 | 17.03.2042 |
| 176 | Eenadu Television Pvt Ltd | Vajrakarur | Ananthapur | 10.5 | 16-02-2017 | 17.03.2042 |
| 177 | Ushodaya Enterprises Pvt Ltd(A Division of Renewable Energy) | Vajrakarur | Ananthapur | 2.1 | 17-02-2017 | 17.03.2042 |
| 178 | Arkas Energy LLP | Vajrakarur | Ananthapur | 2.1 | 17-02-2017 | 17.03.2042 |
| 179 | Jai Bharath Gum & Chemicals Ltd | Vajrakarur | Ananthapur | 4.2 | 17-02-2017 | 17.03.2042 |
| 180 | Rajasthan Gum Pvt Ltd | Vajrakarur | Ananthapur | 4.2 | 17-02-2017 | 17.03.2042 |
| 181 | Chimique (India) Ltd | Vajrakarur | Ananthapur | 2.1 | 17-02-2017 | 17.03.2042 |
| 182 | Mayank Green Energy | Belguppa | Ananthapur | 2.1 | 16-02-2017 | 17.03.2042 |
| 183 | Hi -Tech Systems & Service Ltd -Ph-2 | Belguppa | Ananthapur | 8.4 | 16-02-2017 | 17.03.2042 |

6.4 (c) Commissioning Dates of Generating Units in Private Sector(WIND POWER)

| Sl. No. | Name of the Plant | Location | District | Installed Capacity (MW) | Commercial Operation Date | PPA Expiry date |
|--|---|-----------------------|------------|-------------------------|---------------------------|-----------------|
| PROJECTS SELLING ENERGY TO APDISCOMs UNDER PPAs: | | | | | | |
| 184 | Hi -Tech Systems & Service Ltd -Ph-1 | Belguppa | Ananthapur | 4.2 | 16-02-2017 | 17.03.2042 |
| 185 | Eenadu Television Pvt Ltd | Belguppa | Ananthapur | 2.1 | 17-02-2017 | 17.03.2042 |
| 186 | Ushodaya Enterprises Pvt Ltd(A Division of Renewable Energy) | Belguppa | Ananthapur | 6.3 | 17-02-2017 | 17.03.2042 |
| 187 | PTC Energy Pvt Ltd | Devankonda | Ananthapur | 49.5 | 17-02-2017 | 29.03.2042 |
| 188 | Green Infra Wind Solution Ltd | Karadikonda | Ananthapur | 49.5 | 18-02-2017 | 29.03.2042 |
| 189 | Mangalam Fashions Limited | Tallimadugula | Ananthapur | 2 | 20-02-2017 | 29.03.2042 |
| 190 | HC commercial LTD | Tallimadugula | Ananthapur | 2 | 20-02-2017 | 29.03.2042 |
| 191 | Amrit Bottlers Prviate Limited | Tallimadugula | Ananthapur | 2 | 20-02-2017 | 29.03.2042 |
| 192 | RSM Estates Ltd | Tallimadugula | Ananthapur | 2 | 20-02-2017 | 29.03.2042 |
| 193 | Daulat Financial Services Private Limited | Tallimadugula | Ananthapur | 2 | 20-02-2017 | 29.03.2042 |
| 194 | Dindore | Mulagavali | Kurnool | 9.2 | 20-02-2017 | 29.03.2042 |
| 195 | Axis Wind Energy (Anantapur) PVt Ltd | MPR Dam / Kuderu | Ananthapur | 105 | 23-02-2017 | 22.03.2042 |
| 196 | Mulagavalli Renewable Energy Pvt Ltd (customer of gamesa) | Mulagavali | Kurnool | 46 | 23-02-2017 | 29.03.2042 |
| 197 | NREDCAP Ltd (customer of gamesa) | Mulagavali | Kurnool | 4 | 23-02-2017 | 29.03.2042 |
| 198 | Axis Wind Farm (Rayalaseema)Pvt Ltd | MPR DAM/Kuderi | Ananthapur | 105 | 23-02-2017 | 01.03.2043 |
| 199 | M/s Zemira Renewable Energy Ltd (formerly Adani Wind Energy (AP) Limited) | Borampalli | Ananthapur | 50.4 | 23-02-2017 | 26.03.2043 |
| 200 | The KTM Jewellery Pvt Ltd(KKV Agro) | Nallakonda | Ananthapur | 1.6 | 06-10-2017 | 08.03.2042 |
| 201 | Mytrah Vayu (Krishna) Pvt Ltd | Burugula | Kurnool | 2.3 | 05-03-2016 | 02.03.2043 |
| 202 | Vibrant green tech India (P) Ltd | komatikuntlakadavakal | Ananthapur | 4.5 | 09.06.2006 | 09.06.2026 |
| 203 | Vibrant green tech India (P) Ltd | Kadavakallu | Ananthapur | 2 | 31.03.1999 | 25.09.2030 |
| Grand Total | | | | 3638.950 | | |

6.4 (c) Commissioning Dates of Generating Units in Private Sector

| Sl. No. | Name of the Plant | Location | District | Connected Capacity (in MW) | Commercial Operation Date | Date of Expiry of PPA |
|---|--|---------------------------------------|--------------|----------------------------|---------------------------|-----------------------|
| Bio mass Projects (Under Power Purchase Agreement) | | | | | | |
| 1 | M/s Greenco Energies Pvt Limited (formerly M/s. Sri Balaji Biomass Power (P) Ltd). | Chennur, Mydukuru, (M), | YSR Kadapa | 6 | 14.4.2004 | 13.04.2024 |
| 2 | M/s Velagapudi Power Generation Pvt. Ltd., | Doppalapudi (V), Ponnur (M) | Guntur | 4 | 13.12.2006 | 12.12.2026 |
| 3 | M/s Sathya Maharshi Power Corporation Ltd., | Penamaluru | Krishna | 6 | 22.7.2004 | 21.07.2024 |
| 4 | M/s Agri Gold Projects Ltd. | Dupadu Village, Tripurantakam Mandal, | Prakasham | 2 | 23.6.2007 | 22.06.2027 |
| 5 | M/s Singaraya Hills Green Power Ltd | Hasnapur(v) Tripurantakam(M) | Prakasham | 8 | 13.07.2008 | 12.07.2028 |
| 6 | M/s Vishnu Vidyut India Ltd | Narasingabilli, Kasimkota | Vishakaptnam | 7.5 | 26.12.12 | 25.12.2024 |

Total 33.5

6.4 (c) Commissioning Dates of Generating Units in Private Sector

| Sl. No. | Name of the Plant | Location | District | Connected Capacity (in MW) | Commercial Operation Date | Date of Expiry of PPA |
|---|---|--------------------------------------|---------------|----------------------------|---------------------------|-----------------------|
| Bagasse Co-generation (Under Power Purchase Agreement) | | | | | | |
| 1 | M/s.KCP Sugar & Industries Corporation Ltd. | Vuyyuru (V&M), | Chittoor | 12 | 26.12.2005 | 25.12.2025 |
| 2 | M/s KCP Sugars & Industries Ltd., | Lakshmipuram (V), Challapalli (M) | Krishna | 5 | 17.01.2006 | 17.01.2026 |
| 3 | M/s Empee Power Projects Ltd | Nellore | Krishna | 20 | 12.03.2010 | 11.03.2030 |
| 7 | M/s Nava Bharat Ferro Alloys Ltd. (Deccan Sugars) | Samalkot | West Godavari | 7 | 23.11.2005 | 22.11.2025 |

Total 44

6.4 (c) Commissioning Dates of Generating Units in Private Sector

| Sl. No. | Name of the Plant | Location | District | Connected Capacity (in MW) | Commercial Operation Date | Date of Expiry of PPA |
|--|-----------------------------------|-----------------------|---------------|----------------------------|---------------------------|-----------------------|
| Industrial Waste Based (Under Power Purchase Agreement) | | | | | | |
| 1 | M/s Sai Renewable Power Pvt. Ltd. | Kamavarapukota | East Godavari | 4.5 | 08.04.2004 | 07.04.2024 |
| 2 | M/s Raus Power (P) Limited. | Duppalapdu (V) | East Godavari | 3.66 | 27.02.2009 | 26.02.2029 |
| 3 | M/s 3F Industries Ltd., | Tadepalligudem | West Godavari | 6 | 04.05.2006 | 03.05.2026 |
| 4 | M/s Redan | Gangavaram, Palamaner | Chittoor | 7.5 | 31.03.2015 | 30.03.2035 |

Total 21.66

| Sl. No. | Name of the Plant | Location | District | Connected Capacity (in MW) | Commercial Operation Date | Date of Expiry of PPA |
|---|---|---------------------------------------|---------------|----------------------------|---------------------------|-----------------------|
| Municipal Waste Based (Under Power Purchase Agreement) | | | | | | |
| 2 | Vijayawada Municipal Corporation | Vijayawada | Krishna | 0.15 | 11.11.2004 | 10.11.2024 |
| 3 | M/s Jindal Urban Waste Management (Guntur) Limited | Kondaveedu, Edlapadu | Guntur | 15 | 01.10.2021 | 30.09.2046 |
| 4 | M/s Jindal Urban Waste Management (Visakhapatnam) Limited | Kapuluppada dump yard, Bheemunipatnam | Visakhapatnam | 15 | 23.02.2022 | 22.02.2042 |

Total 30.150

6.4 (c) Commissioning Dates of Generating Units in Private Sector(Solar Power)

PROJECTS SELLING ENERGY TO APDISCOMs UNDER PPAs:

| Sl. No. | Name of the Plant | Location | District | Installed Capacity (MW) | Commercial Operation Date | Date of Expiry of PPA |
|---------|---|------------------------------------|--------------|-------------------------|---------------------------|--------------------------|
| 1 | M/s Sri Power Gen Power (Cherivi) | Tirupati | Chittoor | 2 | 18.03.2011 | 17.03.2031 |
| 2 | M/s AP Industrial Infra Corp. Ltd., | Industrial Park, Gooty | Anantapur | 1 | 15.03.2012 | 14.03.2037 |
| 3 | M/s Kishore Electro Infra Pvt Ltd. | Guntur | Guntur | 1 | 13.03.2012 | 12.03.2037 |
| 4 | NTPC VIDYUT VYAPAR NIGAM LIMITED ACCOUNT SOLAR POWER | Kadapa | Kadapa | 39.2 | 07.01.2012 01.11.2014 | 06.01.2037 31.10.2039 |
| | M/s Sai Sudhir Energy Limited (NTPC NVVNL Bundled Power) | T. Veerapuram Raidurg Taluk | Anantapur | | | |
| | M/s Rithwik Projects Private Limited (NTPC NVVNL Bundled Power) | Kotagulla (V), kadiri (M) | Anantapur | | | |
| | M/s Sai Sudhir Energy Limited (NTPC NVVNL Bundled Power) | Borampalli (V), Kalyandurg (M), | Anantapur | | | |
| | M/S MEIL Green Power. Ltd,pamidi, Ananthapur.Dt (NTPC NVVNL Bundled Power) | Nagalapuram (V), Paddavaduguru (M) | Ananthapur | | | |
| 5 | M/s Solar Power Gen - II Sri Power(JNNSM) | Kotagullu Village, Kadiri Mandal | Anantapur | 1 | 14.01.2012 | 13.01.2037 |
| 6 | M/s Amrit Jal Ventures Pvt. Ltd(JNNSM) | kotagallu (V), Anantapur | Anantapur | 1 | 07.03.2012 | 06.03.2037 |
| 7 | M/s Gajanan Financial Services Ltd(JNNSM) | Laddagiri (V) | Kurnool | 1 | 14.03.2012 | 13.03.2037 |
| 8 | M/S New Era Venture Pvt. Ltd,Hyderabad | Rayachoti | Kadapa | 10 | 30.03.2016 | 29.03.2036 |
| 9 | M/S Vallala Sujatha (Sprouts Energy Pvt. Ltd.) | Pamulapadu(V) | Kurnool | 2 | 08.09.2016 | 07.09.2036 |
| 10 | M/s Sai Achuyth Energy Pvt Ltd | Jagadurthy(V) Dhona (M) | Kurnool | 5 | 18.10.2015 | 17.10.2035 |
| 11 | M/s Sumeru Energy Pvt Ltd | Jagadurthy(V) Dhona (M) | Kurnool | 5 | 22.09.2016 | 21.09.2036 |
| 12 | M/S palanadu solar power Pvt Ltd | Chejerla | Guntur | 5 | 31.03.2016 | 30.03.2036 |
| 13 | M/s Sri Lakshmi Venkateswara Green Energy Pvt Ltd | Morasapudi (V) Nuzivid(M) | Krishna | 1 | 30.06.2014 | 29.06.2034 |
| 14 | M/s Abhedya Power Pvt Ltd | Ubicherla (V) Nallacheruvu (M) | Anantapur | 2 | 08.08.2014 | 07.08.2034 |
| 15 | Amaravathi Textiles Pvt. Ltd. | Nellore | Nellore | 10 | 28.11.2015 | 27.11.2040 |
| 16 | M/s Welspun Renewables Energy Pvt Ltd (Balapanur) (Whalwan) | Kadapa | Kadapa | 30 | 20.03.2016 | 19.03.2041 |
| 17 | M/s EAAMA Estates Pvt Ltd | Tentuvalasa (v), Badangi(M) | Vizianagaram | 3 | 30.03.2016 | 29.03.2041 |
| 18 | M/s Rajaratna Energy Holdings Pvt Lts | Ananthapur | Ananthapur | 5 | 19.11.2015 | 18.11.2040 |
| 19 | M/s Welspun Renewables Energy Pvt Ltd (Banaganapalli) (Walwhan) | Kurnool | Kurnool | 70 | 30.03.2016 | 29.03.2041 |
| 20 | M/s VBC Renewable Energy Pvt Ltd | Penubarthi(v), Gurla (M) | Vizianagaram | 3 | 20.07.2016 | 19.07.2041 |
| 21 | M/s Bright Solar Renewable Energy Pvt Ltd | Ananthapur | Ananthapur | 10 | 05.01.2016 | 04.01.2041 |
| 22 | M/s GRT Jewellers (India) Pvt Ltd | Ananthapur | Ananthapur | 6 | 05.01.2016 | 04.01.2041 |

| Sl. No. | Name of the Plant | Location | District | Installed Capacity (MW) | Commercial Operation Date | Date of Expiry of PPA |
|---|--|---------------------------------|---------------|-------------------------|---------------------------|-----------------------|
| 23 | M/s Aarohi Solar Pvt Ltd | Ananthapur | Ananthapur | 50 | 29.03.2016 | 28.03.2041 |
| 24 | M/s Vishwatma Solar Energy Pvt Ltd | Kurnool | Kurnool | 30 | 30.04.2016 | 29.04.2041 |
| 25 | M/s Renew Solar Energy (Karnataka) Pvt Ltd (Adoni) | Kurnool | Kurnool | 39 | 04.03.2016 | 03.03.2041 |
| 26 | M/s Hindupur Solar Park Pvt Ltd., (Hindupur) | Ananthapur | Ananthapur | 40 | 31.03.2016 | 30.03.2041 |
| 27 | M/s Dayanidhi Solar Power Pvt Ltd | Chittor | Chittor | 40 | 01.04.2016 | 31.03.2041 |
| 28 | M/s Hindupur Solar Park Pvt Ltd., (Punganur) | Chittor | Chittor | 40 | 28.06.2016 | 27.06.2041 |
| 29 | M/s SEI Green Flash Pvt Ltd | Nellore | Nellore | 30 | 27.10.2017 | 26.10.2042 |
| 30 | M/s SEI Arushi Pvt Ltd | Ananthapur | Ananthapur | 30 | 28.10.2017 | 27.10.2042 |
| 31 | M/s Niranjana Solar Energy Pvt Ltd | Kurnool | Kurnool | 20 | 31.03.2016 | 30.03.2041 |
| 32 | M/s Azure Power Infrastructure Pvt Ltd | Ananthapur | Ananthapur | 50 | 28.03.2016 | 27.03.2041 |
| 33 | M/s Renew Solar Energy (Karnataka) Pvt Ltd (Cumbum) | Prakasham | Prakasham | 21 | 08.03.2016 | 07.03.2041 |
| 34 | M/s ACME Jaisalmer Solar Power Pvt Ltd | Kadapa | Kadapa | 20 | 12.05.2016 | 11.05.2041 |
| 35 | M/s Waaneep Solar Pvt Ltd., (Gurramkonda) | Chittor | Chittor | 25 | 29.09.2016 | 28.09.2041 |
| 36 | M/s Waaneep Solar Pvt Ltd., (Nagiri) | Chittor | Chittor | 25 | 02.08.2018 | 01.08.2043 |
| 37 | M/s Rain coke Ltd. | Ananthapur | Ananthapur | 22 | 07.11.2017 | 06.11.2042 |
| 38 | YASWANTH SOLAR ENERGY PVT LTD | Muddanur | Kadapa | 1 | 01.10.2016 | 30.09.2026 |
| 39 | NTPC (NP Kunta Ultra Mega solar park) | NP Kunta | Ananthapuram | 250 | 05.09.2016 | 08.05.2041 |
| 40 | NTPC (Gani, kurnool Solar Park)(Sun Edison) | KURNOOL (Gani) | Kurnool | 500 | 31.03.2017 | 30.03.2042 |
| 41 | NTPC (Gani, kurnool Solar Park.)(SB Energy) | KURNOOL | Kurnool | 350 | | |
| 42 | NTPC (Gani, kurnool Solar Park.)(Azure) | KURNOOL | Kurnool | 100 | | |
| 43 | NTPC (Gani, kurnool Solar Park.)(Prayatna) | KURNOOL | Kurnool | 50 | | |
| 44 | NREDCAP (Canal top) | G.V.Thippa, Bhimavaram (M) | West Godavari | 1 | 10.08.2016 | 09.08.2041 |
| 45 | SOLAR ENERGY CORPORATION OF INDIA LTD (SECI-AZURE 50MW) | Kadapa | Kadapa | 400 | 04.06.2018 | 03.06.2043 |
| | SOLAR ENERGY CORPORATION OF INDIA LTD (SECI-FRV 2 - 50MW) | Kadapa | Kadapa | | 31.01.2019 | 30.01.2044 |
| | SOLAR ENERGY CORPORATION OF INDIA LTD 2*50 (SECI-TATA 100MW) | Kadapa | Kadapa | | 22.07.2018 | 21.07.2043 |
| | SOLAR ENERGY CORPORATION OF INDIA LTD (SECI-FRV I - 50MW) | Kadapa | Kadapa | | 22.07.2018 | 21.07.2043 |
| | SOLAR ENERGY CORPORATION OF INDIA LTD (SECI-ACME 150MW) | Kadapa | Kadapa | | 21.07.2018 | 20.07.2043 |
| 46 | NTPC Kadapa Mylavaram | Mylavaram | Kadapa | 250 | 31.05.2019 | 30.05.2044 |
| 47 | NTPC- SBG(Solar park at NP Kunta, Ananthapur, Phase-II) | Ananthapur | Ananthapur | 250 | 11.03.2020 | 10.03.2045 |
| 48 | NTPC- Ayana Solar(NP Kunta, Ananthapuram) | Ananthapur | Ananthapur | 250 | 08.03.2021 | 07.03.2046 |
| 49 | NTPC- Sprmg Agniitra(NP Kunta, Ananthapuram) | Ananthapur | Ananthapur | 250 | 26.06.2021 | 25.06.2046 |
| 50 | SB Solar Services Pvt. Ltd | Midthur village, Midthur Mandal | Kurnool | 3 | 21.03.2019 | 20.03.2031 |
| Total | | | | 3350.200 | | |
| State Installed Capacity Grand Total in MW | | | | 20563.616 | | |

6.5 STATION WISE GENERATION - THERMAL (1971-72 TO 2014-15)

M U

| S.No. | Year | Hussain Sagar | Ramagundam 'A' | Ramagundam 'B' | Kothagudem 'A' | Kothagudem 'B' | Kothagudem 'C' | Kothagudem 'V&VI' | Nellore | Vijayawada | R.T.P.P RTPP | G.T.S Erragadda | Kakaitya | Krishnapatnam | Total |
|-------|----------------------|---------------|----------------|----------------|----------------|----------------|----------------|-------------------|---------|------------|--------------|-----------------|----------|---------------|----------|
| 1. | 1971-72 | 5.64 | 166.16 | 28.92 | 1410.99 | -- | -- | -- | 208.69 | -- | -- | 3.88 | -- | -- | 1824.28 |
| 2. | 1972-73 | 23.01 | 112.74 | 168.71 | 1492.94 | -- | -- | -- | 232.88 | -- | -- | 23.28 | -- | -- | 2053.56 |
| 3. | 1973-74 | 44.58 | 90.67 | 399.54 | 1460.52 | -- | -- | -- | 196.75 | -- | -- | 4.04 | -- | -- | 2196.10 |
| 4. | 1974-75 | 68.75 | 106.39 | 468.63 | 1605.60 | 217.54 | -- | -- | 241.12 | -- | -- | 1.12 | -- | -- | 2709.15 |
| 5. | 1975-76 | 63.34 | 141.00 | 283.43 | 1216.60 | 863.06 | -- | -- | 159.91 | -- | -- | 1.57 | -- | -- | 2728.91 |
| 6. | 1976-77 | 64.25 | 127.89 | 496.51 | 1377.04 | 884.17 | -- | -- | 194.19 | -- | -- | 0.82 | -- | -- | 3144.87 |
| 7. | 1977-78 | 55.88 | 121.24 | 508.37 | 1254.89 | 533.39 | 488.41 | -- | 183.45 | -- | -- | -- | -- | -- | 3145.63 |
| 8. | 1978-79 | 30.80 | 75.35 | 458.52 | 949.73 | 431.04 | 748.75 | -- | 181.10 | -- | -- | -- | -- | -- | 2875.29 |
| 9. | 1979-80 | 32.91 | 92.68 | 407.86 | 1027.38 | 501.05 | 935.31 | -- | 75.56 | 194.80 | -- | -- | -- | -- | 3267.55 |
| 10. | 1980-81 | 18.49 | 66.07 | 366.82 | 1022.99 | 420.57 | 548.14 | -- | 21.20 | 1131.61 | -- | -- | -- | -- | 3595.89 |
| 11. | 1981-82 | 10.64 | 59.34 | 333.60 | 981.36 | 502.48 | 513.74 | -- | -- | 2691.78 | -- | -- | -- | -- | 5092.94 |
| 12. | 1982-83 | 11.50 | 47.79 | 425.10 | 1048.41 | 519.21 | 522.56 | -- | 76.18 | 2911.65 | -- | -- | -- | -- | 5562.40 |
| 13. | 1983-84 | 1.07 | 11.61 | 399.44 | 1227.45 | 468.80 | 549.14 | -- | 145.79 | 3106.03 | -- | -- | -- | -- | 5909.33 |
| 14. | 1984-85 | | 5.92 | 274.50 | 1237.51 | 617.34 | 735.31 | -- | 117.40 | 2847.21 | -- | -- | -- | -- | 5835.19 |
| 15. | 1985-86 | | | 493.07 | 1134.90 | 694.59 | 1060.23 | -- | 119.17 | 3269.81 | -- | -- | -- | -- | 6771.77 |
| 16. | 1986-87 | | | 435.83 | 1244.54 | 858.33 | 1250.46 | -- | 167.17 | 3325.64 | -- | -- | -- | -- | 7281.97 |
| 17. | 1987-88 | | | 390.58 | 1443.63 | 1212.89 | 1353.27 | -- | 173.28 | 3411.69 | -- | -- | -- | -- | 7985.34 |
| 18. | 1988-89 | | | 389.83 | 1315.86 | 1201.75 | 1087.84 | -- | 165.05 | 3103.04 | -- | -- | -- | -- | 7263.37 |
| 19. | 1989-90 | | | 250.85 | 1386.88 | 1023.41 | 1043.42 | -- | 141.80 | 3375.41 | -- | -- | -- | -- | 7221.77 |
| 20. | 1990-91 | | | 399.80 | 1095.59 | 917.11 | 928.69 | -- | 61.88 | 4698.55 | -- | -- | -- | -- | 8101.62 |
| 21. | 1991-92 | | | 309.53 | 1108.18 | 1049.45 | 823.77 | -- | 120.73 | 5314.51 | -- | -- | -- | -- | 8726.17 |
| 22. | 1992-93 | | | 220.60 | 1254.82 | 913.27 | 964.18 | -- | 102.66 | 5658.65 | -- | -- | -- | -- | 9114.18 |
| 23. | 1993-94 | | | 360.62 | 1327.03 | 1074.89 | 857.50 | -- | 109.99 | 5909.39 | -- | -- | -- | -- | 9639.42 |
| 24. | 1994-95 | | | 353.62 | 1207.41 | 1075.12 | 774.86 | -- | 91.11 | 7318.08 | 22.14 | -- | -- | -- | 10842.34 |
| 25. | 1995-96 | | | 374.38 | 1218.33 | 1117.98 | 1077.57 | -- | 129.34 | 9857.75 | 1327.51 | -- | -- | -- | 15102.86 |
| 26. | 1996-97 | | | 378.06 | 1395.43 | 1177.94 | 946.71 | 0.12 | 110.64 | 10274.31 | 2436.55 | -- | -- | -- | 16719.76 |
| 27. | 1997-98 | | | 400.19 | 1222.22 | 1220.28 | 1194.56 | 1526.31 | 116.22 | 10357.13 | 2982.58 | -- | -- | -- | 19019.49 |
| 28. | 1998-99 | | | 380.37 | 1168.44 | 572.22 | 1035.32 | 3387.17 | 97.12 | 9827.93 | 3365.05 | -- | -- | -- | 19833.62 |
| 29. | 1999-00 | | | 428.70 | 1615.57 | 1062.15 | 1209.43 | 3933.42 | 127.94 | 9621.54 | 3500.35 | -- | -- | -- | 21499.10 |
| 30. | 2000-01 | | | 443.70 | 1697.55 | 795.15 | 1370.57 | 3784.36 | 169.33 | 10198.21 | 3475.38 | -- | -- | -- | 21934.25 |
| 31. | 2001-02 | | | 425.40 | 1753.26 | 1064.37 | 1354.51 | 3862.49 | 156.09 | 10228.07 | 3400.81 | -- | -- | -- | 22245.00 |
| 32. | 2002-03 | | | 388.67 | 1844.07 | 1461.62 | 1339.29 | 4080.53 | 145.90 | 10283.63 | 3488.82 | -- | -- | -- | 23032.54 |
| 33. | 2003-04 | | | 471.28 | 1727.86 | 1867.32 | 630.77 | 4038.37 | 153.94 | 10164.27 | 3401.58 | -- | -- | -- | 22455.39 |
| 34. | 2004-05 | | | 444.21 | | 4888.63 | | 3763.06 | 130.42 | 8900.86 | 3017.89 | -- | -- | -- | 21145.07 |
| 35. | 2005-06 | | | 356.18 | 1457.65 | 1441.10 | 1402.38 | 3143.29 | 5.60 | 8801.48 | 2110.65 | -- | -- | -- | 18718.33 |
| 36. | 2006-07 | | | 298.21 | 1576.54 | 1446.97 | 1347.83 | 3334.13 | | 9030.31 | 2960.08 | -- | -- | -- | 19994.07 |
| 36. | 2007-08 | | | 459.24 | 1625.67 | 1392.00 | 1593.58 | 3590.24 | | 8848.98 | 3941.86 | -- | -- | -- | 21451.57 |
| 37. | 2008-09 | | | 428.53 | 1504.29 | 1255.70 | 1314.19 | 3282.20 | | 9392.28 | 6117.28 | -- | -- | -- | 23294.47 |
| 39. | 2009-10 | | | 467.33 | 1618.90 | 1524.25 | 1349.10 | 3623.87 | | 9741.33 | 5776.38 | -- | -- | -- | 24101.16 |
| 40. | 2010-11 | | | 428.05 | 1597.57 | 1504.80 | 1503.17 | 3080.44 | | 11405.06 | 5636.61 | -- | 1689.92 | -- | 26845.62 |
| 41. | 2011-12 | | | 413.75 | 1619.58 | 1489.94 | 1424.85 | 5357.90 | | 12996.82 | 7323.62 | -- | 2266.66 | -- | 32893.12 |
| 42. | 2012-13 | | | 393.63 | 1471.69 | 1309.68 | 1340.74 | 7242.50 | | 12267.36 | 6959.03 | -- | 3744.91 | -- | 34729.54 |
| 43. | 2013-14 | | | 401.94 | 1379.94 | 1348.45 | 1075.80 | 6475.51 | | 11742.64 | 6346.40 | -- | 2935.32 | -- | 31706.00 |
| 44. | 2014-15 (Apr to May) | | | 65.41 | 249.15 | 238.69 | 158.13 | 1150.51 | | 2022.18 | 1124.74 | -- | 655.43 | 38.42 | 5702.66 |
| | 2014-15 (Jun to Mar) | | | ** | ** | ** | ** | ** | | 9553.27 | 5294.22 | ** | ** | 1380.99 | 16228.48 |

(*) Net Generation from 2004-05 as per EBC

| 6.5(A) GAS BASED STATION (VIJESWARAM) GENERATION MU (JOINT SECTOR) 1990-91 TO 2014-15 | | | | | | | |
|---|---------|----------------|--|------|----------------------|----------------|--|
| S.No | Year | VJSM Stage - I | VJSM Stage-II Commissioned on 31-03-1997 | S.No | Year | VJSM Stage - I | VJSM Stage-II Commissioned on 31-03-1997 |
| 1 | 1990-91 | 81.90 | -- | 14 | 2003-04 | 729.24 | 1380.05 |
| 2 | 1991-92 | 354.73 | -- | 15 | 2004-05 | 698.79 | 1209.41 |
| 3 | 1992-93 | 416.17 | -- | 16 | 2005-06 | 600.29 | 1152.69 |
| 4 | 1993-94 | 524.74 | -- | 17 | 2006-07 | 253.43 | 1192.04 |
| 5 | 1994-95 | 431.26 | -- | 18 | 2007-08 | 543.50 | 557.93 |
| 6 | 1995-96 | 540.33 | -- | 19 | 2008-09 | 365.13 | 1075.56 |
| 7 | 1996-97 | 626.67 | 0.04 | 20 | 2009-10 | 768.65 | 1318.66 |
| 8 | 1997-98 | 671.29 | 577.69 | 21 | 2010-11 | 397.13 | 1283.61 |
| 9 | 1998-99 | 527.20 | 1271.62 | 22 | 2011-12 | 234.28 | 1213.65 |
| 10 | 1999-00 | 709.22 | 1297.12 | 23 | 2012-13 | 31.45 | 1108.63 |
| 11 | 2000-01 | 663.97 | 1314.17 | 24 | 2013-14 | 131.53 | 884.96 |
| 12 | 2001-02 | 739.15 | 1212.20 | 25 | 2014-15 (Apr to May) | 0.20 | 172.40 |
| 13 | 2002-03 | 715.03 | 1315.01 | | 2014-15 (Jun to Mar) | 4.99 | 451.71 |

6.5 STATION WISE GENERATION - THERMAL (2014-15 TO 2023-24)

| S.No. | Year | VTPS | RTPP | Krishnapatnam | TOTAL (MU) |
|-------|-------------------------|----------|----------|---------------|------------|
| 1 | 2014-15 (Apr to May) | 2022.18 | 1124.74 | 38.42 | 3185.34 |
| | 2014-15 (Jun to Mar) | 9553.27 | 5294.22 | 1380.99 | 16228.48 |
| 2 | 2015-16 | 10972.67 | 6542.75 | 4529.01 | 22044.43 |
| 3 | 2016-17 | 10627.3 | 6019.93 | 8081.53 | 24728.76 |
| 4 | 2017-18 | 9849.51 | 6218.82 | 4493.64 | 20561.97 |
| 5 | 2018-19 | 9904.60 | 5965.89 | 6490.34 | 22360.83 |
| 6 | 2019-20 | 10024.29 | 5798.1 | 6647.59 | 22469.98 |
| 7 | 2020-21 | 7593.73 | 2046.42 | 6790.22 | 16430.37 |
| 8 | 2021-22 | 10540.3 | 6192.45 | 5277.24 | 22009.99 |
| 9 | 2022-23 | 10125.01 | 8458.80 | 6059.68 | 24643.48 |
| 10 | 2023-24 | 12066.81 | 10404.17 | 9752.60 | 32223.58 |

**6.5(A) GAS BASED STATION (VIJESWARAM) GENERATION (MU)
(JOINT SECTOR) 2014-15 TO 2023-24**

| S.No | Year | VJSM Stage - I | VJSM Stage -II Commissioned on 31-03-1997 | TOTAL (MU) |
|------|-------------------------|----------------|---|------------|
| 1 | 2014-15 (Apr to May) | 0.20 | 172.40 | 172.60 |
| | 2014-15 (Jun to Mar) | 4.99 | 451.71 | 456.70 |
| 2 | 2015-16 | 0.63 | 681.46 | 682.09 |
| 3 | 2016-17 | 230.06 | 443.76 | 673.82 |
| 4 | 2017-18 | 546.76 | 618.28 | 1165.04 |
| 5 | 2018-19 | 292.68 | 798.72 | 1091.40 |
| 6 | 2019-20 | 391.68 | 588.95 | 980.63 |
| 7 | 2020-21 | 94.68 | 1131.46 | 1226.14 |
| 8 | 2021-22 | 134.69 | 817.90 | 952.59 |
| 9 | 2022-23 | 184.04 | 166.66 | 350.70 |
| 10 | 2023-24 | -0.03 | -1.37 | -1.41 |

(*) Generation data as per SLDC

6.6 STATION WISE GENERATION - HYDEL (1971-72 TO 2015-16)

MU

| Sl. No | Year | Machkund | T.B.Dam & Hampi | Upper Sileru | Lower Sileru | Nizam Sagar | Nagarjuna-sagar(Main PH) | Nagarjuna-sagar RCPH | Srisaillam (RBHS) | Srisaillam (LBHS) | Donkarayi | Pochampad | Penna ahobilam | Mini Hydel 11kV & 33kV | Nagarjuna-sagar LCPH | Singuru | Jurala | Total |
|--------|-------------------------|----------|-----------------|--------------|--------------|-------------|--------------------------|----------------------|-------------------|-------------------|-----------|-----------|----------------|------------------------|----------------------|---------|--------|----------|
| 1 | 1971-72 | 397.45 | 239.66 | 553.72 | -- | 30.63 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1221.46 |
| 2 | 1972-73 | 365.68 | 192.97 | 411.69 | -- | 4.05 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 974.39 |
| 3 | 1973-74 | 270.32 | 155.85 | 457.03 | -- | 26.88 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 910.08 |
| 4 | 1974-75 | 176.65 | 101.68 | 221.84 | -- | 32.44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 532.61 |
| 5 | 1975-76 | 344.74 | 238.81 | 314.44 | 8.01 | 35.50 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 941.50 |
| 6 | 1976-77 | 435.38 | 115.45 | 417.14 | 688.06 | 24.01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1680.04 |
| 7 | 1977-78 | 443.47 | 149.87 | 387.45 | 949.81 | 13.08 | 58.28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2001.96 |
| 8 | 1978-79 | 455.52 | 171.14 | 485.39 | 1163.46 | 41.98 | 862.79 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3180.28 |
| 9 | 1979-80 | 438.22 | 165.18 | 473.64 | 1089.14 | 29.78 | 869.58 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3065.54 |
| 10 | 1980-81 | 370.95 | 187.15 | 401.78 | 1035.40 | 30.41 | 1509.41 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3535.10 |
| 11 | 1981-82 | 481.04 | 209.36 | 361.91 | 992.56 | 31.57 | 1907.81 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3984.25 |
| 12 | 1982-83 | 438.52 | 188.27 | 374.47 | 964.32 | 28.68 | 2239.41 | 1.49 | 448.70 | -- | -- | -- | -- | -- | -- | -- | -- | 4683.86 |
| 13 | 1983-84 | 453.90 | 170.25 | 421.36 | 1095.55 | 38.16 | 2079.04 | 121.20 | 660.67 | -- | 52.02 | -- | -- | -- | -- | -- | -- | 5092.15 |
| 14 | 1984-85 | 577.52 | 196.36 | 488.92 | 1265.20 | 29.88 | 1953.91 | 121.57 | 2006.19 | -- | 76.44 | -- | -- | -- | -- | -- | -- | 6715.99 |
| 15 | 1985-86 | 447.42 | 150.82 | 303.81 | 823.77 | 8.88 | 1512.57 | 39.97 | 2114.69 | -- | 51.36 | -- | -- | -- | -- | -- | -- | 5453.29 |
| 16 | 1986-87 | 446.59 | 146.24 | 350.07 | 933.98 | 8.25 | 1652.00 | 42.27 | 2864.36 | -- | 73.71 | -- | -- | -- | -- | -- | -- | 6517.47 |
| 17 | 1987-88 | 392.35 | 104.92 | 320.42 | 897.22 | 15.12 | 1132.62 | 109.54 | 2778.35 | -- | 66.49 | 46.81 | -- | 0.50 | -- | -- | -- | 5864.34 |
| 18 | 1988-89 | 397.12 | 149.73 | 278.92 | 830.67 | 27.00 | 2208.64 | 211.61 | 2616.52 | -- | 54.59 | 100.12 | -- | 2.88 | -- | -- | -- | 6877.80 |
| 19 | 1989-90 | 425.66 | 133.97 | 387.43 | 1121.38 | 35.49 | 2337.80 | 220.65 | 2958.36 | -- | 54.97 | 124.68 | -- | 2.26 | -- | -- | -- | 7802.65 |
| 20 | 1990-91 | 580.34 | 139.18 | 596.86 | 1361.32 | 45.14 | 3197.39 | 246.33 | 3589.99 | -- | 110.73 | 147.41 | -- | 2.39 | -- | -- | -- | 10017.08 |
| 21 | 1991-92 | 524.66 | 153.83 | 589.69 | 1481.48 | 21.97 | 3011.62 | 226.92 | 3269.13 | -- | 130.52 | 103.58 | -- | 2.23 | -- | -- | -- | 9515.63 |
| 22 | 1992-93 | 484.97 | 169.51 | 516.69 | 1293.19 | 7.53 | 2611.47 | 230.58 | 3181.62 | -- | 100.82 | 89.78 | -- | 6.30 | 65.25 | -- | -- | 8757.71 |
| 23 | 1993-94 | 390.99 | 130.54 | 358.42 | 1031.66 | 2.62 | 3511.77 | 224.27 | 3797.89 | -- | 37.71 | 42.93 | 0.79 | 7.61 | 95.22 | -- | -- | 9632.42 |
| 24 | 1994-95 | 351.29 | 133.01 | 493.51 | 1128.60 | 2.54 | 3724.91 | 265.21 | 3306.20 | -- | 57.36 | 69.02 | 11.81 | 9.41 | 134.35 | -- | -- | 9687.22 |
| 25 | 1995-96 | 427.82 | 101.90 | 618.08 | 1457.10 | 14.73 | 1083.99 | 49.04 | 2666.50 | -- | 109.14 | 100.69 | 13.89 | 9.79 | 9.08 | -- | -- | 6661.75 |
| 26 | 1996-97 | 495.82 | 120.27 | 460.59 | 1128.46 | 24.17 | 2212.06 | 238.29 | 2960.55 | -- | 71.21 | 102.32 | 19.01 | 11.45 | 125.81 | -- | -- | 7970.01 |
| 27 | 1997-98 | 299.51 | 112.34 | 354.12 | 862.63 | 5.09 | 2277.63 | 197.78 | 2955.00 | -- | 56.35 | 14.89 | 7.47 | 12.00 | 90.32 | -- | -- | 7245.13 |
| 28 | 1998-99 | 249.35 | 140.25 | 322.03 | 871.92 | 13.36 | 2383.10 | 254.02 | 2616.89 | -- | 72.76 | 137.95 | 10.79 | 11.12 | 105.70 | -- | -- | 7189.24 |
| 29 | 1999-00 | 375.75 | 123.32 | 444.38 | 1264.12 | 16.74 | 2397.67 | 202.89 | 2974.34 | -- | 117.89 | 117.26 | 5.17 | 6.73 | 85.28 | 1.46 | -- | 8133.00 |
| 30 | 2000-01 | 383.60 | 150.95 | 437.28 | 1312.67 | 24.33 | 1527.14 | 42.87 | 3036.63 | -- | 140.60 | 110.64 | 14.67 | 10.94 | 16.96 | 21.40 | -- | 7230.68 |
| 31 | 2001-02 | 448.30 | 116.07 | 447.33 | 1056.37 | 3.49 | 1067.22 | 61.02 | 1942.25 | 381.91 | 83.85 | 102.70 | 5.05 | 12.56 | 23.82 | 5.15 | -- | 5757.09 |
| 32 | 2002-03 | 273.34 | 96.62 | 245.58 | 613.74 | 0.00 | 869.01 | 0.00 | 539.65 | 557.69 | 39.95 | 82.98 | 0.00 | 11.88 | 0.00 | 6.40 | -- | 3336.85 |
| 33 | 2003-04 | 289.07 | 88.59 | 399.83 | 973.39 | 5.00 | 375.13 | 0.00 | 307.67 | 327.60 | 109.96 | 62.71 | 0.00 | 12.33 | 0.00 | 7.70 | -- | 2958.98 |
| 34 | 2004-05 | 472.41 | 119.07 | 523.40 | 1140.58 | -0.05 | 493.14 | 48.04 | 920.05 | 1406.21 | 130.77 | 2.19 | -0.19 | 5.88 | 4.67 | 1.05 | -- | 5267.22 |
| 35 | 2005-06 | 393.17 | 172.43 | 458.36 | 1013.86 | | 1518.83 | 276.11 | 1461.08 | 2220.85 | 114.47 | 108.97 | 9.69 | | 116.48 | 8.23 | -- | 7872.53 |
| 36 | 2006-07 | 447.11 | 195.31 | 595.57 | 1327.47 | | 1781.40 | 284.73 | 1715.06 | 2501.13 | 127.16 | 100.94 | 13.42 | | 147.38 | 9.95 | -- | 9246.63 |
| 37 | 2007-08 | 240.42 | 214.81 | 521.64 | 1253.98 | | 2090.75 | 207.78 | 2150.62 | 2532.77 | 132.61 | 63.67 | 2.17 | | 96.02 | 2.52 | -- | 9509.76 |
| 38 | 2008-09 | 327.47 | 194.33 | 606.87 | 1355.81 | | 1079.16 | 171.84 | 1764.25 | 1795.10 | 126.39 | 64.26 | 1.43 | | 84.02 | 7.48 | 124.13 | 7702.54 |
| 39 | 2009-10 | 294.59 | 187.87 | 221.41 | 622.13 | | 1183.63 | 114.62 | 1236.20 | 1270.92 | 40.57 | 2.90 | 3.41 | | 30.03 | 3.19 | 239.02 | 5450.48 |
| 40 | 2010-11 | 290.23 | 155.89 | 414.47 | 1049.47 | | 1264.29 | 278.17 | 1794.26 | 1984.31 | 118.53 | 82.82 | 3.80 | | 133.34 | 23.79 | 124.30 | 7717.67 |
| 41 | 2011-12 | 234.23 | 187.70 | 414.04 | 1015.37 | | 1109.74 | 153.14 | 1177.34 | 1373.04 | 131.52 | 87.80 | 4.97 | 200.51 | 66.86 | 12.80 | 206.50 | 6375.56 |
| 42 | 2012-13 | 286.91 | 134.89 | 398.58 | 1103.62 | | 233.32 | 0.16 | 475.22 | 304.84 | 48.12 | 15.98 | 1.84 | 66.21 | 0.00 | 3.15 | 133.78 | 3206.62 |
| 43 | 2013-14 | 310.72 | 153.06 | 458.16 | 1268.49 | 12.95 | 1350.53 | 211.60 | 1477.60 | 1330.61 | 116.21 | 85.05 | 5.18 | 9.53 | 97.76 | 4.85 | 270.84 | 7163.14 |
| 44 | 2014-15 (Apr to May) | 50.15 | 0.69 | 96.83 | 262.08 | | 5.40 | 0.00 | 88.62 | 72.76 | 26.07 | 6.31 | -0.10 | 11.30 | 0.00 | 1.26 | 0.00 | 621.37 |
| | 2014-15 (Jun to Mar) | 245.41 | 173.09 | 417.08 | 1008.38 | | | 184.56 | 1031.63 | | 110.09 | | 12.66 | 21.83 | | | | 3204.73 |
| 45 | 2015-16 | 297.27 | 97.82 | 508.85 | 1236.40 | | | 0.00 | 207.70 | | 116.54 | | 7.12 | 2.00 | | | | 2473.70 |

6.6 STATION WISE GENERATION - APGENCO HYDEL (Including Auxiliary Consumption)(2015-16 to 2023-24)

MU

| Sl. No | Year | Machkund | T.B.Dam &Hampi | Upper Sileru | Lower Sileru | Nagarjuna sagar RCPH | Nagarjuna sagar Tail pond HES | Srisailam (RBHS) | Donkarayi | Penna ahobilam | Mini Hydel 11kV & 33kV | Total |
|--------|---------|----------|----------------|--------------|--------------|----------------------|-------------------------------|------------------|-----------|----------------|------------------------|---------|
| 1 | 2015-16 | 297.27 | 97.82 | 508.85 | 1236.40 | 0.00 | ** | 207.70 | 116.54 | 7.12 | 2.00 | 2473.70 |
| 2 | 2016-17 | 372.40 | 64.51 | 339.70 | 830.20 | 6.70 | 11.90 | 638.40 | 60.64 | 12.90 | 2.20 | 2339.55 |
| 3 | 2017-18 | 250.56 | 74.90 | 482.28 | 1108.39 | 57.06 | 42.22 | 574.20 | 119.62 | 4.31 | 2.28 | 2715.82 |
| 4 | 2018-19 | 289.92 | 96.66 | 473.87 | 1090.74 | 100.14 | 0.12 | 549.27 | 76.14 | 1.41 | 2.18 | 2680.45 |
| 5 | 2019-20 | 340.64 | 158.00 | 623.32 | 835.73 | 101.2 | 75.51 | 1296.57 | 70.19 | 0.72 | 27.72 | 3529.60 |
| 6 | 2020-21 | 343.49 | 149.02 | 620.18 | 1292.57 | 155.51 | 54.72 | 1130.94 | 130.31 | 1.93 | 2.21 | 3880.87 |
| 7 | 2021-22 | 376.83 | 157.86 | 331.62 | 929.85 | 279.47 | 137.67 | 1439.11 | 64.54 | 5.70 | 2.42 | 3725.08 |
| 8 | 2022-23 | 255.62 | 174.48 | 390.26 | 1078.57 | 297.84 | 98.12 | 1883.20 | 98.60 | 15.34 | 2.90 | 4294.93 |
| 9 | 2023-24 | 449.37 | 82.25 | 361.72 | 1003.60 | 0.09 | 0.73 | 6.07 | 79.47 | 0.00 | 3.32 | 1986.62 |

6.7 GENERATION, PURCHASE, IMPORT AND EXPORT OF ENERGY

Generation (Gross), Purchases, imported and wheeled

| Year | Hydel | Thermal | Total | NTPC+MAPP + Kaiga+Neyveli | Karnataka | Tamil Nadu | Orissa | M.P / GEB/PSEB /CSEB | Maharashtra | Others \$ | Total | Grand Total |
|----------------|---------|----------|----------|------------------------------|-----------|------------|--------|-------------------------|-------------|-----------|-------|-------------|
| 1971-72 | 1221 | 1824 | 3045 | - | 266 | 14 | - | - | - | - | 280 | 3325 |
| 1972-73 | 974 | 2053 | 3027 | - | 103 | 44 | - | - | - | - | 147 | 3174 |
| 1973-74 | 910 | 2196 | 3106 | - | 67 | 43 | 395 | - | - | - | 505 | 3611 |
| 1974-75 | 533 | 2709 | 3242 | - | 81 | 33 | 518 | - | - | - | 632 | 3874 |
| 1975-76 | 941 | 2729 | 3670 | - | 47 | 95 | 332 | - | - | - | 474 | 4144 |
| 1976-77 | 1680 | 3145 | 4825 | - | 50 | 56 | 223 | - | - | - | 329 | 5154 |
| 1977-78 | 2002 | 3146 | 5148 | - | 58 | 99 | 105 | - | - | - | 262 | 5410 |
| 1978-79 | 3180 | 2876 | 6056 | - | 50 | 67 | 10 | - | - | - | 127 | 6183 |
| 1979-80 | 3225 | 3268 | 6493 | - | 48 | 55 | 1 | - | - | - | 104 | 6597 |
| 1980-81 | 3680 | 3596 | 7276 | - | 32 | 42 | 28 | - | - | - | 102 | 7378 |
| 1981-82 | 3984 | 5093 | 9077 | - | 9 | 10 | 21 | - | - | - | 40 | 9117 |
| 1982-83 | 4684 | 5562 | 10246 | - | 6 | - | 16 | 7 | - | - | 29 | 10275 |
| 1983-84 | 5092 | 5909 | 11001 | 173 | 1 | - | - | 9 | - | - | 183 | 11184 |
| 1984-85 | 6716 | 5835 | 12551 | 834 | - | - | - | 17 | - | - | 851 | 13402 |
| 1985-86 | 5453 | 6772 | 12225 | 2095 | - | - | - | 141 | - | - | 2236 | 14461 |
| 1986-87 | 6517 | 7282 | 13799 | 1979 | - | - | - | 240 | - | - | 2219 | 16018 |
| 1987-88 | 5864 | 7986 | 13850 | 1605 | - | 30 | - | 212 | - | - | 1847 | 15697 |
| 1988-89 | 6878 | 7263 | 14141 | 2376 | 1 | 6 | - | 527 | - | - | 2910 | 17051 |
| 1989-90 | 7802 | 7222 | 15024 | 3550 | 4 | - | - | 468 | - | 25 | 4047 | 19071 |
| 1990-91 | 10017 | 8102 | 18119 | 2725 | 2 | - | - | 73 | 135 | 49 | 2984 | 21103 |
| 1991-92 | 9516 | 8726 | 18242 | 4595 | - | - | 48 | 22 | 140 | 461 | 5266 | 23508 |
| 1992-93 | 8758 | 9114 | 17872 | 6748 | - | - | - | 201 | 87 | 466 | 7502 | 25374 |
| 1993-94 | 9633 | 9639 | 19272 | 7612 | - | - | - | 32 | 346 | 603 | 8593 | 27865 |
| 1994-95 | 9687 | 10842 | 20529 | 8449 | - | - | 149 | 109 | 308 | 541 | 9456 | 29985 |
| 1995-96 | 6662 | 15103 | 21765 | 7814 | - | - | 585 | 34 | 309 | 637 | 9159 | 30924 |
| 1996-97 | 7970 | 16720 | 24690 | 6964 | - | - | 290 | 6 | - | 1733 | 8993 | 33683 |
| 1997-98 | 7245 | 19019 | 26265 | 7321 | - | - | 651 | 0 | 30 | 3649 | 11881 | 38146 |
| 1998-99 | 7189 | 19834 | 27023 | 6921 | - | - | 924 | 51 | 30 | 5314 | 13551 | 40573 |
| APGENCO | | | | | | | | | | | | |
| 1999-2K | 8133.00 | 21499.10 | 29632.10 | | | | | | | | | 29632.10 |
| 2000-01 | 7230.68 | 21934.25 | 29164.93 | | | | | | | | | 29164.93 |
| 2001-02 | 5757.10 | 22245.00 | 28002.10 | | | | | | | | | 28002.10 |
| 2002-03 | 3336.85 | 23032.54 | 26369.39 | | | | | | | | | 26369.39 |
| 2003-04 | 2958.98 | 22455.39 | 25414.37 | | | | | | | | | 25414.37 |
| 2004-05 | 5267.22 | 21145.07 | 26412.29 | | | | | | | | | 26412.29 |
| 2005-06 | 7872.53 | 18718.33 | 26590.86 | | | | | | | | | 26590.86 |
| 2006-07 | 9246.63 | 19994.07 | 29240.70 | | | | | | | | | 29240.70 |
| 2007-08 | 9509.76 | 21451.57 | 30961.33 | | | | | | | | | 30961.33 |
| 2008-09 | 7702.54 | 23294.47 | 30997.01 | | | | | | | | | 30997.01 |
| 2009-10 | 5450.48 | 24101.16 | 29551.64 | | | | | | | | | 29551.64 |
| 2010-11 | 7717.67 | 26845.62 | 34563.29 | | | | | | | | | 34563.29 |
| 2011-12 | 6375.55 | 32893.11 | 39268.66 | | | | | | | | | 39268.66 |
| 2012-13 | 3206.64 | 34729.55 | 37936.19 | | | | | | | | | 37936.19 |
| 2013-14 | 7142.91 | 31706.00 | 38848.91 | | | | | | | | | 38848.91 |
| 2014-15 | 3750.30 | 19868.38 | 23618.68 | | | | | | | | | 23618.68 |
| 2015-16 | 2486.51 | 21217.17 | 23703.68 | | | | | | | | | 23703.68 |
| 2016-17 | 2312.58 | 24728.76 | 27041.34 | | | | | | | | | 27041.34 |

 Western Electricity Boards

\$ Column (11) includes Other's (APGPCL,NTPC,Wind,Mini hydel,Co-Gen etc..) energy handled from the year 1991-92 onwards
EBC net generation from 2004-05 onwards

(Contd..)

6.7 GENERATION -SLDC DATA (Ex-bus)PARTICULARS

| 6.7 GENERATION -SLDC DATA (Ex-bus)PARTICULARS | | | | | | | | | | |
|--|----------------|----------------|--------------|-------------|------------|--------------|-------------|-------------|---------------|--------------|
| | APGENCO | | | | | | | | | |
| Year | Hydel | Thermal | Total | VGTS | CGS | SOLAR | WIND | IPPS | OTHERS | TOTAL |
| 2016-17 | 2312.58 | 24728.76 | 27041.34 | 673.82 | 14600.51 | 1543.44 | 3184.78 | 4114.21 | 4081.85 | 55239.95 |
| 2017-18 | 2680.87 | 20561.95 | 23242.82 | 1165.04 | 10535.46 | 3699.25 | 6370.35 | 2228.30 | 11576.33 | 58817.55 |
| 2018-19 | 2680.45 | 22360.83 | 25041.28 | 1091.40 | 8018.12 | 4460.49 | 8900.29 | 3531.33 | 12100.65 | 63143.56 |
| 2019-20 | 3529.60 | 22469.97 | 25999.57 | 980.63 | 14698.3 | 5244.1 | 6613.47 | 4674.80 | 4711.82 | 62922.69 |
| 2020-21 | 3821.86 | 16430.37 | 20252.23 | 1226.14 | 12151.75 | 6975.64 | 6491.84 | 1986.92 | 13985.67 | 63070.19 |
| 2021-22 | 3698.07 | 22009.99 | 25708.07 | 952.59 | 12201.76 | 7656.88 | 7083.82 | 2781.78 | 12587.72 | 68972.63 |
| 2022-23 | 4216.76 | 24643.48 | 28860.24 | 350.70 | 12950.83 | 8000.55 | 7367.34 | 6259.13 | 8676.69 | 72465.48 |
| 2023-24 | 1946.51 | 29769.59 | 31716.10 | -1.41 | 11825.06 | 8201.80 | 8603.08 | 10514.84 | 10433.09 | 81292.57 |

6.8 APSEB SALE OF ENERGY AND LINE LOSSES

(Figures in MU)

| Year ending March | Total Net Generation + Purchases | Sales with in the state \$ | Sales to other states and export | Total Sales | Line Loss | % Line Loss | Other Energies handled |
|-------------------|----------------------------------|----------------------------|----------------------------------|-------------|-----------|-------------------|------------------------|
| 1971-72 | 3185.17 | 2336.55 | 3.59 | 2340.14 | 845.03 | 26.53 | -- |
| 1972-73 | 3018.51 | 2185.72 | 61.36 | 2247.08 | 771.43 | 25.56 | -- |
| 1973-74 | 3435.30 | 2495.03 | 90.62 | 2585.65 | 849.65 | 24.73 | -- |
| 1974-75 | 3631.26 | 2636.76 | 100.29 | 2737.05 | 894.21 | 24.63 | -- |
| 1975-76 | 3842.65 | 2803.70 | 102.54 | 2906.24 | 936.41 | 24.37 | -- |
| 1976-77 | 4804.94 | 3443.19 | 189.98 | 3633.17 | 1171.77 | 24.39 | -- |
| 1977-78 | 5039.81 | 3788.16 | 113.18 | 3901.34 | 1138.47 | 22.59 | -- |
| 1978-79 | 5824.29 | 4341.33 | 271.92 | 4613.25 | 1211.04 | 20.79 | -- |
| 1979-80 | 6195.48 | 4557.55 | 312.14 | 4869.69 | 1325.79 | 21.40 | -- |
| 1980-81 | 6915.19 | 5109.93 | 281.50 | 5391.43 | 1523.76 | 22.03 | -- |
| 1981-82 | 8551.86 | 6099.76 | 478.53 | 6578.29 | 1973.57 | 23.08 | -- |
| 1982-83 | 9648.52 | 7106.66 | 313.58 | 7420.24 | 2228.28 | 23.09 | -- |
| 1983-84 | 10521.08 | 7722.08 | 551.35 | 8273.43 | 2247.65 | 21.36 | -- |
| 1984-85 | 12716.99 | 9239.16 | 873.04 | 10112.20 | 2604.79 | 20.48 | -- |
| 1985-86 | 13730.60 | 10321.28 | 538.23 | 10859.51 | 2871.09 | 20.91 | -- |
| 1986-87 | 15217.78 | 11769.92 | 301.12 | 12071.04 | 3146.74 | 20.68 | -- |
| 1987-88 | 14870.95 | 11678.16 | 214.27 | 11892.43 | 2978.52 | 20.03 | -- |
| 1988-89 | 16305.34 | 13059.48 | 146.10 | 13205.58 | 3099.76 | 19.01 | -- |
| 1989-90 | 18341.93 | 14434.56 | 193.02 | 14627.58 | 3714.35 | 20.25 | -- |
| 1990-91 | 20233.14 | 16093.10 | 161.06 | 16254.16 | 3978.98 | 19.67 | -- |
| 1991-92 | 22549.27 | 18015.95 | 182.16 | 18198.11 | 4351.16 | 19.30 | 255.87 |
| 1992-93 | 24415.76 | 19542.44 | 195.00 | 19737.44 | 4678.32 | 19.16 | 304.56 |
| 1993-94 | 26862.91 | 21606.04 | 139.54 | 21745.58 | 5117.33 | 19.05 | 344.46 |
| 1994-95 | 28847.57 | 23349.18 | 34.16 | 23383.34 | 5464.23 | 18.94 | 327.2 |
| 1995-96 | 29457.3 | 23882.35 | 23.00 | 23905.35 | 5551.95 | 18.85 | 427.02 |
| 1996-97 | 32092.22 | 21747.68 | 62.61 | 21810.29 | 10281.93 | 32.0 [*] | 880.00 |
| 1997-98 | 36357.51 | 24309.11 | 27.61 | 24336.72 | 12020.79 | 33.0 [*] | 694.65 |
| 1998-99 | 38720.01 | 23982.4 | 24.00 | 24006.40 | 14713.61 | 38.0 [*] | 1462.36 |

^{*} Including others energy wheeled from 1991-92 on wards.

^{*} Technical and non-technical (commercial) losses (After formation of Energy Audit wing w.e.f 1996)

\$ Including 3 rd party sales, Energy assessed in theft, pilferage & back billing etc.

Note:The data is furnished at Section 7.8 from 1999-2000 onwards .

6.9 PERFORMANCE OF VIJAYAWADA THERMAL POWER STATION

| S.No. | Item | Unit | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|-------|-------------------------|-------|----------|----------|----------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|
| 1. | Units Generated | MU | 10228.07 | 10283.63 | 10164.27 | 9851.05 | 9754.94 | 9953.95 | 9765.44 | 10340.94 | 10727.18 | 12408.14 | 14159.09 | 13410.51 | 12833.42 | 12704.85 |
| 2. | Auxiliary consumption | MU | 882.44 | 901.58 | 916.77 | 924.75 | 917.17 | 880.31 | 862.05 | 895.32 | 947.96 | 960.45 | 1115.26 | 1093.94 | 1050.14 | 1077.56 |
| 3. | Auxiliary consumption % | % | 8.63 | 8.77 | 9.02 | 9.39 | 9.4 | 8.84 | 8.83 | 8.66 | 8.84 | 7.74 | 7.88 | 8.16 | 8.18 | 8.48 |
| 4. | Service | Hours | 8197.94 | 8298.76 | 8364.36 | 8067.55 | 8234.62 | 8104.99 | 7941.16 | 8332.00 | 7858.06 | 7418.53 | 8342.98 | 8057.27 | 8004.25 | 8211.56 |
| 5. | Planned maintenance | Hours | 562.06 | 461.24 | 419.64 | 692.45 | 525.38 | 655.01 | 842.84 | 428.00 | 901.94 | 1341.47 | 441.02 | 702.73 | 755.75 | 548.49 |
| 6. | Forced outage | | | | | | | | | | | | | | | |
| 7. | Reserve shutdown | | | | | | | | | | | | | | | |
| 8. | Availability factor | % | 93.58 | 94.73 | 95.22 | 92.10 | 94.00 | 92.52 | 90.40 | 95.11 | 89.70 | 84.69 | 94.98 | 91.98 | 91.37 | 93.74 |
| 9. | P.L.F. | % | 92.67 | 93.17 | 91.84 | 89.25 | 88.38 | 90.18 | 88.23 | 93.69 | 87.94 | 80.48 | 91.59 | 86.98 | 83.24 | 82.40 |
| 10. | KWH / KW | | 8118 | 8162 | 8067 | 7818 | 7742 | 7900 | 7750 | 8207 | 7704 | 7050 | 8045 | 7620 | 7292 | 7219 |

6.9 PERFORMANCE OF Dr.NARLA TATA RAO (VIJAYAWADA) THERMAL POWER STATION

| S.No. | Item | Unit | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
|-------|-------------------------|-------|----------|----------|----------|----------|----------|---------|----------|----------|----------|
| 1. | Units Generated | MU | 12066.23 | 11654.38 | 10821.93 | 10887.55 | 11060.39 | 8331.60 | 11591.93 | 11124.76 | 12066.81 |
| 2. | Auxiliary consumption | MU | 1098.16 | 1008.32 | 977.12 | 815.57 | 1002.80 | 715.44 | 1009.91 | 960.55 | 1065.66 |
| 3. | Auxiliary consumption % | % | 9.10 | 8.65 | 9.03 | 9.03 | 9.07 | 8.59 | 8.71 | 8.63 | 8.83 |
| 4. | Service | Hours | 8018.89 | 7828.36 | 7213.53 | 7727.12 | 7959.43 | 5609.92 | 7947.00 | 7661.56 | 8081.00 |
| 5. | Planned maintenance | Hours | 759.48 | 805.13 | 1344.85 | 984.63 | 824.52 | 3150.38 | 836.80 | 1277.55 | 703.00 |
| 6. | Forced outage | | | | | | | | | | |
| 7. | Reserve shutdown | | | | | | | | | | |
| 8. | Availability factor | % | 91.29 | 89.36 | 82.35 | 88.21 | 90.61 | 90.64 | 90.72 | 87.46 | 72.63 |
| 9. | P.L.F. | % | 78.05 | 75.59 | 70.19 | 70.62 | 71.54 | 54.04 | 75.19 | 72.16 | 69.25 |
| 10. | KWH / KW | | 6856 | 6622 | 6149 | 6186 | 6284 | 4734 | 6586 | 6321 | 7334 |

6.10 PERFORMANCE OF NELLORE THERMAL POWER STATION

| S.No. | Item | Unit | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | Power Plant closed |
|-------|-----------------------|-------|---------|---------|---------|---------|---------|----------------------------------|
| 1. | Units generated | MU | 156.09 | 145.90 | 153.94 | 154.4 | 7.42 | Power Plant closed on 23.04.2005 |
| 2. | Auxiliary consumption | MU | 20.71 | 20.16 | 58.42 | 21.37 | 1.21 | |
| 3. | Auxiliary consumption | % | 13.27 | 13.81 | 13.16 | 13.84 | 16.31 | |
| 4. | Service hours | Hrs | 7847.25 | 7457.70 | 7708.1 | 8367.4 | 412.17 | |
| 5. | Planned maintenance | } Hrs | 912.75 | 1302.30 | 1075.9 | 392.60 | 138.83 | |
| 6. | Forced outage | | | | | | | |
| 7. | Reserve shutdown | | | | | | | |
| 8. | Availability factor | % | 89.58 | 85.13 | 87.75 | 95.52 | 74.67 | |
| 9. | P L F | % | 59.39 | 55.52 | 58.42 | 58.75 | 46.85 | |
| 10. | KWH / KW | | 5203 | 4863 | 7540 | 5147 | 247 | |

(*):Nellore Thermal Station 30MW deleted from 23.04.05

6.11 PERFORMANCE OF RAYALASEEMA THERMAL POWER STATION

| S.No. | Item | Unit | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|-------|-----------------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1. | Units generated | MU | 3401.58 | 3353.78 | 2370.99 | 3293.67 | 4416.59 | 6741.61 | 6376.56 | 6255.32 | 8075.76 | 7692.6 | 7056.69 | 7163.53 |
| 2. | Auxiliary consumption | MU | 331.64 | 314.62 | 240.69 | 321.37 | 435.34 | 618.32 | 599.42 | 609.56 | 754.08 | 734.11 | 708.37 | 743.14 |
| 3. | Auxiliary consumption | % | 9.75 | 9.38 | 10.15 | 9.76 | 9.84 | 9.17 | 9.4 | 9.61 | 9.34 | 9.54 | 10.04 | 10.37 |
| 4. | Service hours | Hrs | 8179.51 | 8142.17 | 6137.55 | 8058.62 | 7827.61 | 8351.2 | 7862.45 | 7805.5 | 8288.3 | 7954.75 | 7633.72 | 7960.65 |
| 5. | Planned maintenance | } Hrs | 604.49 | 617.83 | 2622.45 | 701.38 | 956.39 | 408.8 | 897.55 | 954.5 | 495.7 | 805.25 | 1126.28 | 673.35 |
| 6. | Forced outage | | | | | | | | | | | | | |
| 7. | Reserve shutdown | | | | | | | | | | | | | |
| 8. | Availability factor | % | 93.12 | 92.95 | 70.06 | 91.99 | 89.11 | 95.33 | 89.75 | 89.10 | 94.36 | 90.81 | 87.14 | 92.31 |
| 9. | P L F | % | 92.20 | 91.16 | 64.44 | 89.52 | 82.94 | 91.62 | 86.66 | 81.64 | 87.56 | 83.63 | 76.72 | 77.88 |
| 10. | KWH / KW | | 8099 | 7985 | 5645 | 7842 | 7010 | 8026 | 7591 | 8178 | 7691 | 7326 | 6721 | 6822 |

Note :RTPP Unit 6 (600MW)declared COD from 00:00hrs on 29.03.2018

6.11 PERFORMANCE OF RAYALASEEMA THERMAL POWER STATION

| S.No. | Item | Unit | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
|-------|-----------------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| 1. | Units generated | MU | 7292.70 | 6712.60 | 6926.44 | 6637.32 | 6408.35 | 2278.46 | 6814.90 | 9313.13 | 10404.23 |
| 2. | Auxiliary consumption | MU | 760.08 | 691.75 | 695.46 | 687.52 | 608.71 | 232.20 | 620.64 | 852.17 | 964.79 |
| 3. | Auxiliary consumption | % | 10.42 | 10.31 | 10.23 | 10.36 | 9.50 | 10.19 | 9.11 | 9.15 | 9.27 |
| 4. | Service hours | Hrs | 8270.37 | 7680.38 | 7691.43 | 6570.76 | 5485.05 | 1714.16 | 5357.82 | 7183.30 | 7934.40 |
| 5. | Planned maintenance | } Hrs | 485.56 | 535.36 | 949.22 | 2729.34 | 3298.85 | 7045.84 | 3384.78 | 1468.57 | 849.6 |
| 6. | Forced outage | | | | | | | | | | |
| 7. | Reserve shutdown | | | | | | | | | | |
| 8. | Availability factor | % | 94.15 | 87.68 | 87.80 | 60.93 | 62.44 | 85.88 | 61.16 | 71.30 | 76.74 |
| 9. | P L F | % | 79.07 | 72.98 | 73.94 | 45.92 | 44.22 | 15.76 | 47.15 | 64.43 | 71.78 |
| 10. | KWH / KW | | 6945 | 6393 | 4198 | 4023 | 3884 | 1380.89 | 4130 | 4130 | 6306 |

Note :RTPP Unit 6 (600MW)declared COD from 00:00hrs on 29.03.2018

6.11 PERFORMANCE OF KRISHNAPATNAM THERMAL POWER STATION

| S.No. | Item | Unit | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
|-------|-----------------------|------|----------|----------|---------|----------|----------|----------|----------|----------|----------|
| 1. | Units generated | MU | 4595.171 | 8597.27 | 4828.73 | 6931.908 | 7127.523 | 7228.285 | 5672.39 | 6011.39 | 9751.60 |
| 2. | Auxiliary consumption | MU | 386.089 | 515.751 | 345.78 | 462.369 | 478.932 | 436.49 | 381.99 | 446.20 | 664.29 |
| 3. | Auxiliary consumption | % | 8.40 | 6.00 | 7.16 | 6.67 | 6.72 | 6.04 | 6.73 | 7.42 | 6.81 |
| 4. | Service hours | Hrs | 8546:11 | 14300:03 | 9722:20 | 13224:47 | 13738:46 | 12112:57 | 11718:05 | 14144:47 | 20205:10 |
| 5. | Planned maintenance | Hrs | 2175:47 | 1466:57 | 1159:27 | 1027:00 | 1234:29 | 1114:00 | 971:00 | 1282:03 | 2548:38 |
| 6. | Forced outage | | 3362:36 | 1753:00 | 5050:29 | 3268:13 | 2391:15 | 2717:47 | 4711:35 | 2621:10 | 3598:12 |
| 7. | Reserve shutdown | | 00:00 | 00:00 | 1587:44 | 00:00 | 203:30 | 1575:16 | 119:20 | 00:00 | 00:00 |
| 8. | Availability factor | % | 60.66 | 81.62 | 55.49 | 75.48 | 78.34 | 69.14 | 66.88 | 78.37 | 76.67 |
| 9. | P L F | % | 40.77 | 61.34 | 34.45 | 49.46 | 50.71 | 51.57 | 40.47 | 41.69 | 46.26 |
| 10. | KWH / KW | | 2872 | 5373 | 3018 | 4332 | 4455 | 4518 | 3545 | 3757 | 4063 |

Plant load factor =(generation in MU*100000)/(installed capacity MW *8760)

Availability factor=service hours/Reference hours (no of hours in an year)

**6.12 PERFORMANCE OF THERMAL UNITS SINCE COMMISSIONING
(1965-66 TO 2019-20)**

| Station/Unit | Capacity MW | 1965-66 | | 1966-67 | | 1967-68 | | 1968-69 | | 1969-70 | | 1970 - 71 | |
|-----------------|----------------|-----------|-----------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|----------------|--------------|
| | | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen. MU | PLF % |
| KTPS 'A' | | | | | | | | | | | | | |
| Unit - I | 60 | -- | -- | 194.65 | 40.25 | 284.70 | 54.17 | 260.31 | 49.52 | 226.46 | 43.08 | 272.58 | 49.95 |
| Unit - II | 60 | -- | -- | 113.33 | 29.15 | 204.97 | 38.99 | 271.94 | 51.74 | 250.69 | 47.67 | 322.99 | 61.45 |
| Unit - III | 60 | -- | -- | -- | -- | 200.15 | 45.72 | 235.08 | 44.73 | 230.33 | 43.82 | 279.57 | 53.22 |
| Unit - IV | 60 | -- | -- | -- | -- | 182.24 | 46.20 | 224.06 | 42.63 | 216.26 | 41.14 | 290.40 | 55.25 |
| Station | 240 | -- | -- | 307.98 | 35.35 | 872.06 | 34.72 | 991.39 | 47.15 | 923.74 | 43.93 | 1165.54 | 55.45 |
| RTS-B | 62.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NTS | 30 | 204.27 | 88.11 | 175.04 | 66.61 | 113.04 | 42.90 | 183.28 | 69.74 | 147.97 | 56.30 | 111.43 | 42.40 |

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| 6.12 PERFORMANCE OF THERMAL UNITS SINCE COMMISSIONING | | | | | | | | | | | | | | | |
|---|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|---------|-------|
| Station | Capa- | 1971 - 72 | | 1972 - 73 | | 1973 - 74 | | 1974 - 75 | | 1975 - 76 | | 1976 - 77 | | 1977-78 | |
| Unit | city | Gen. | PLF | Gen. | PLF | Gen. | PLF | Gen. | PLF | Gen. | PLF | Gen. | PLF | Gen | PLF |
| | MW | MU | % | MU | % | MU | % | MU | % | MU | % | MU | % | MU | % |
| KTPS 'A' | | | | | | | | | | | | | | | |
| Unit -I | 60 | 383.92 | 72.84 | 357.27 | 67.97 | 436.91 | 83.12 | 425.11 | 80.88 | 314.11 | 59.60 | 367.10 | 69.80 | 348.1 | 66.20 |
| Unit -II | 60 | 323.26 | 61.33 | 421.91 | 80.27 | 352.26 | 67.07 | 394.20 | 75.00 | 303.05 | 57.50 | 336.80 | 64.10 | 294.5 | 56.00 |
| Unit -III | 60 | 354.84 | 67.67 | 382.17 | 72.71 | 319.85 | 60.85 | 387.76 | 73.77 | 291.60 | 55.30 | 312.50 | 59.40 | 341.4 | 64.90 |
| Unit -IV | 60 | 348.97 | 66.21 | 331.58 | 63.08 | 351.50 | 66.88 | 398.53 | 75.82 | 307.84 | 58.40 | 361.10 | 68.70 | 270.9 | 51.50 |
| Station | 240 | 1410.99 | 66.93 | 1492.93 | 71.01 | 1460.52 | 69.47 | 1605.60 | 76.37 | 1216.60 | 57.70 | 1377.50 | 65.34 | 1254.9 | 59.7 |
| KTPS 'B' | | | | | | | | | | | | | | | |
| Unit -V | 110 | -- | -- | -- | -- | -- | -- | 152.97 | 27.33 | 474.20 | 49.10 | 437.10 | 45.40 | 175.4 | 18.20 |
| Unit -VI | 110 | -- | -- | -- | -- | -- | -- | 74.04 | 31.16 | 388.90 | 40.20 | 447.10 | 46.40 | 337.9 | 37.10 |
| Station | 220 | -- | -- | -- | -- | -- | -- | 227.01 | 28.47 | 863.10 | 44.70 | 884.20 | 45.90 | 513.3 | 27.70 |
| KTPS 'C' | | | | | | | | | | | | | | | |
| Unit -V | 110 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 449.7 | 45.7 |
| Unit -VI | 110 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 38.6 | 18.30 |
| Station | 220 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 488.3 | 45.70 |
| RTS 'B' | 62.5 | 28.92 | 10.53 | 168.71 | 30.81 | 399.54 | 72.97 | 468.63 | 85.59 | 283.40 | 51.60 | 496.50 | 90.70 | 508.4 | 92.80 |
| NTS | 30 | 208.69 | 79.19 | 232.88 | 88.61 | 196.75 | 74.87 | 241.88 | 92.04 | 160.00 | 60.70 | 194.00 | 73.80 | 183 | 69.6 |

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6.12 PERFORMANCE OF THERMAL UNITS SINCE COMMISSIONING

| Station/ Unit | Capa- city MW | 1978-79 | | 1979-80 | | 1980-81 | | 1981-82 | | 1982 - 83 | | 1983 - 84 | | 1984 - 85 | |
|------------------|---------------------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|
| | | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % |
| V.T.P.S. | | | | | | | | | | | | | | | |
| Unit -I | 210 | -- | -- | 194.80 | 25.60 | 832.80 | 46.00 | 1330.80 | 72.30 | 1618.30 | 87.90 | 1530.80 | 83.00 | 1216.50 | 66.10 |
| Unit -II | 210 | -- | -- | -- | -- | 298.90 | 34.30 | 1361.00 | 74.00 | 1293.40 | 70.30 | 1575.20 | 85.40 | 1630.70 | 88.60 |
| Unit -III | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Station | 420 | -- | -- | 194.80 | 25.60 | 1131.70 | 40.10 | 2691.80 | 73.20 | 2911.70 | 79.10 | 3106.00 | 84.20 | 2847.20 | 77.40 |
| KTPS A | | | | | | | | | | | | | | | |
| Unit - I | 60 | 244.40 | 46.50 | 305.30 | 57.90 | 234.40 | 44.60 | 154.10 | 29.30 | 215.20 | 40.90 | 260.40 | 49.40 | 368.70 | 70.10 |
| Unit - II | 60 | 284.00 | 54.00 | 253.90 | 48.20 | 146.80 | 27.90 | 291.10 | 55.40 | 250.00 | 47.60 | 369.70 | 70.10 | 304.60 | 57.90 |
| Unit - III | 60 | 267.20 | 50.80 | 310.30 | 58.90 | 307.80 | 58.50 | 255.90 | 48.70 | 292.80 | 55.70 | 300.90 | 57.10 | 186.70 | 35.50 |
| Unit - IV | 60 | 157.10 | 29.90 | 157.90 | 29.90 | 333.90 | 63.50 | 280.20 | 53.30 | 290.40 | 55.20 | 294.40 | 55.80 | 377.40 | 71.80 |
| Station | 240 | 952.70 | 45.20 | 1027.40 | 48.70 | 1022.90 | 48.70 | 981.30 | 46.70 | 1048.40 | 49.90 | 1225.40 | 58.10 | 1237.40 | 58.80 |
| KTPS B | | | | | | | | | | | | | | | |
| Unit - V | 110 | 407.40 | 42.30 | 261.40 | 27.00 | 104.90 | 10.90 | 404.60 | 42.00 | 145.10 | 15.00 | 247.40 | 25.60 | 242.80 | 25.00 |
| Unit - VI | 110 | 23.70 | 2.50 | 239.60 | 24.80 | 307.60 | 31.90 | 97.80 | 10.10 | 374.10 | 38.80 | 221.40 | 22.90 | 374.50 | 38.80 |
| Station | 220 | 431.10 | 22.40 | 501.00 | 25.90 | 412.50 | 21.40 | 502.40 | 26.05 | 519.20 | 26.90 | 468.80 | 24.30 | 617.30 | 32.00 |
| KTPS C | | | | | | | | | | | | | | | |
| Unit - VII | 110 | 400.30 | 41.50 | 444.40 | 46.00 | 107.60 | 11.20 | -- | -- | 310.50 | 32.20 | 286.70 | 29.70 | 393.30 | 40.80 |
| Unit - VIII | 110 | 348.40 | 36.20 | 490.90 | 50.80 | 440.60 | 45.70 | 513.70 | 53.30 | 211.90 | 22.00 | 262.40 | 27.20 | 342.00 | 35.50 |
| Station | 220 | 748.70 | 38.90 | 935.30 | 48.40 | 548.20 | 28.40 | 513.70 | 26.70 | 522.40 | 27.10 | 549.10 | 28.40 | 735.30 | 38.10 |
| KTPS TOTAL | 680 | 2132.50 | 35.80 | 2463.70 | 41.20 | 1983.60 | 33.30 | 1997.40 | 33.50 | 2090.00 | 35.10 | 2243.30 | 37.50 | 2590.00 | 43.50 |
| RTS-B | 62.5 | 458.50 | 83.70 | 407.80 | 74.50 | 366.80 | 67.00 | 333.60 | 60.90 | 424.10 | 77.50 | 399.40 | 72.70 | 274.50 | 50.10 |
| NTS | 30 | 181.00 | 68.90 | 76.00 | 28.80 | 21.00 | 8.00 | -- | -- | 76.20 | 28.90 | 145.80 | 55.40 | 117.40 | 44.50 |
| TOTAL | 1193 | 2772.00 | 40.90 | 3142.30 | 43.40 | 3503.10 | 37.20 | 5022.80 | 48.10 | 5502.00 | 52.70 | 5894.50 | 56.30 | 5829.10 | 55.80 |
| All India | | | | | | | | | | | | | | | |
| PLF (Thermal) | | | 47.90 | | 44.30 | | 44.20 | | 46.40 | | 49.40 | | 47.90 | | 50.10 |
| 200/210 MW units | | | | | 24.70 | | 36.90 | | 42.30 | | 52.10 | | 49.00 | | 50.80 |

Contd ..

| 6.12 PERFORMANCE OF THERMAL UNITS SINCE COMMISSIONING | | | | | | | | | | | | | | | | |
|---|--------|-----------|-------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|--|
| | Capa- | 1985 - 86 | | | 1986 - 87 | | 1987 - 88 | | 1988 - 89 | | 1989 - 90 | | 1990 - 91 | | 1991 - 92 | |
| Station | City | Gen | PLF | Gen | PLF | Gen | PLF | Gen | PLF | Gen | PLF | Gen | PLF | Gen | PLF | |
| | MW | MU | % | MU | % | MU | % | MU | % | MU | % | MU | % | MU | % | |
| VTPS | | | | | | | | | | | | | | | | |
| Unit - I | 210 | 1662.79 | 90.39 | 1684.79 | 91.58 | 1690.44 | 91.64 | 1432.80 | 77.91 | 1643.70 | 89.40 | 1513.13 | 82.25 | 1443.51 | 78.25 | |
| Unit - II | 210 | 1607.02 | 87.36 | 1640.85 | 89.20 | 1721.25 | 93.31 | 1670.20 | 90.80 | 1318.00 | 71.70 | 1530.39 | 83.19 | 1321.89 | 71.66 | |
| Unit - III | 210 | -- | -- | -- | -- | -- | -- | -- | -- | 413.70 | 72.00 | 1584.00 | 86.11 | 1174.86 | 63.69 | |
| Unit - IV | 210 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 71.03 | -- | 1374.25 | 74.50 | |
| STATION | 840 | 3269.81 | 88.87 | 3325.64 | 90.39 | 3411.69 | 92.48 | 3103.00 | 84.30 | 3375.40 | 79.40 | 4698.55 | 83.85 | 5314.51 | 72.03 | |
| KTPS 'A' | | | | | | | | | | | | | | | | |
| Unit - I | 60 | 382.86 | 72.84 | 333.85 | 63.52 | 394.21 | 74.80 | 204.20 | 38.80 | 433.00 | 82.40 | 305.44 | 58.11 | 139.91 | 26.55 | |
| Unit - II | 60 | 345.46 | 65.73 | 137.23 | 26.11 | 460.44 | 87.36 | 422.10 | 80.00 | 392.80 | 74.70 | 288.14 | 54.82 | 380.39 | 72.17 | |
| Unit - III | 60 | 387.28 | 73.68 | 354.55 | 67.46 | 196.60 | 37.31 | 287.70 | 54.70 | 391.40 | 74.50 | 172.98 | 32.91 | 291.87 | 55.38 | |
| Unit - IV | 60 | 19.29 | 3.67 | 418.91 | 75.70 | 392.38 | 74.45 | 401.90 | 76.50 | 169.70 | 32.30 | 329.03 | 62.60 | 296.01 | 56.16 | |
| STATION | 240 | 1134.89 | 53.98 | 1244.54 | 59.20 | 1443.63 | 68.48 | 1315.90 | 62.60 | 1386.90 | 66.00 | 1095.59 | 52.11 | 1108.18 | 52.17 | |
| KTPS 'B' | | | | | | | | | | | | | | | | |
| Unit - V | 110 | 415.32 | 43.10 | 424.79 | 44.08 | 600.30 | 62.13 | 618.40 | 64.20 | 464.00 | 48.70 | 414.27 | 45.04 | 544.40 | 58.92 | |
| Unit - VI | 110 | 279.34 | 28.99 | 433.54 | 44.98 | 612.59 | 63.40 | 583.40 | 60.60 | 559.40 | 58.70 | 502.84 | 54.67 | 505.04 | 54.87 | |
| STATION | 220 | 694.66 | 36.04 | 858.33 | 44.53 | 1212.89 | 62.76 | 1201.80 | 56.40 | 1023.40 | 53.70 | 917.11 | 49.85 | 1049.44 | 56.89 | |
| KTPS 'C' | | | | | | | | | | | | | | | | |
| Unit - VII | 110 | 520.99 | 54.07 | 615.78 | 63.90 | 641.27 | 66.37 | 455.80 | 47.30 | 653.40 | 67.80 | 490.37 | 50.87 | 418.59 | 43.32 | |
| Unit - VIII | 110 | 539.24 | 55.96 | 634.66 | 65.87 | 711.99 | 73.69 | 632.00 | 65.60 | 390.00 | 40.50 | 438.32 | 45.49 | 405.19 | 41.93 | |
| STATION | 220 | 1060.23 | 55.01 | 1250.44 | 64.88 | 1353.26 | 70.03 | 1087.80 | 56.40 | 1043.40 | 54.10 | 928.69 | 48.19 | 823.78 | 42.63 | |
| | | 1060.23 | | | | | | | | | | | | | | |
| KTPS | | | | | | | | | | | | | | | | |
| TOTAL | 680 | 2889.78 | 48.51 | 3353.31 | 56.29 | 4009.78 | 67.13 | 3605.50 | 60.50 | 3453.70 | 58.20 | 2941.39 | 50.12 | 2981.40 | 50.66 | |
| RTS B | | | | | | | | | | | | | | | | |
| RTS B | 62.5 | 493.07 | 90.06 | 435.83 | 79.60 | 390.80 | 71.18 | 389.80 | 71.00 | 250.90 | 45.80 | 399.80 | 73.02 | 309.53 | 56.38 | |
| NTS | | | | | | | | | | | | | | | | |
| NTS | 30 | 119.17 | 45.34 | 167.17 | 63.60 | 173.28 | 65.76 | 165.10 | 62.80 | 141.80 | 54.00 | 61.88 | 23.55 | 120.73 | 45.82 | |
| TOTAL | | | | | | | | | | | | | | | | |
| THERMAL | 1612.5 | 6771.83 | 64.82 | 7281.95 | 69.71 | 7985.55 | 76.23 | 7263.40 | 69.50 | 7221.80 | 65.70 | 8101.62 | 65.83 | 8726.17 | 61.99 | |
| ALL INDIA | | | | | | | | | | | | | | | | |
| | | | 52.40 | | 53.29 | | 56.40 | | 55.00 | | 56.40 | | 53.80 | | 55.30 | |
| 200 / 210 | | | | | | | | | | | | | | | | |
| | | | 59.60 | | 59.60 | | 63.80 | | 50.70 | | 61.70 | | 60.30 | | 60.90 | |

MW Unit

Contd ..

6.12 PERFORMANCE OF THERMAL UNITS SINCE COMMISSIONING

| Station | Capacity | 1992 - 93 | | 1993 - 94 | | 1994 - 95 | | 1995 - 96 | |
|---------------------|----------|-----------|-------|-----------|-------|-----------|-------|-----------|------------------|
| | | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % |
| VTPS | | | | | | | | | |
| Unit-I | 210 | 1275.58 | 69.34 | 1420.58 | 77.22 | 1592.26 | 86.55 | 1621.13 | 87.88 |
| Unit-II | 210 | 1386.21 | 75.35 | 1499.55 | 81.52 | 1575.13 | 85.62 | 1623.61 | 88.02 |
| Unit-III | 210 | 1444.93 | 78.55 | 1587.90 | 86.32 | 1488.50 | 80.91 | 1693.74 | 91.82 |
| Unit-IV | 210 | 1551.93 | 84.36 | 1401.36 | 76.18 | 1579.11 | 85.84 | 1712.18 | 92.82 |
| Unit-V | 210 | -- | -- | -- | -- | 1047.58 | 81.48 | 1738.04 | 94.22 |
| Unit-VI | 210 | -- | -- | -- | -- | 35.50 | -- | 1469.05 | 98.20 |
| STATION | 1260 | 5658.65 | 76.90 | 5909.39 | 80.31 | 7318.08 | 84.37 | 9857.75 | 91.71 |
| KTPS-A | | | | | | | | | |
| Unit-I | 60 | 347.26 | 66.07 | 354.56 | 67.46 | 319.80 | 60.84 | 299.16 | 56.76 |
| Unit-II | 60 | 307.29 | 58.46 | 334.22 | 63.59 | 286.16 | 54.44 | 319.51 | 60.62 |
| Unit-III | 60 | 317.46 | 60.40 | 320.17 | 60.92 | 305.52 | 58.13 | 294.67 | 55.91 |
| Unit-IV | 60 | 282.81 | 53.81 | 318.08 | 60.54 | 295.93 | 56.30 | 304.99 | 57.87 |
| STATION | 240 | 1254.82 | 59.69 | 1327.03 | 63.12 | 1207.41 | 57.43 | 1218.33 | 57.79 |
| KTPS-B | | | | | | | | | |
| Unit-V | 110 | 505.29 | 54.93 | 470.19 | 51.12 | 493.39 | 53.64 | 558.94 | 60.60 |
| Unit-VI | 110 | 407.98 | 44.36 | 604.70 | 65.74 | 581.72 | 63.24 | 559.04 | 60.61 |
| STATION | 220 | 913.27 | 49.64 | 1074.89 | 58.43 | 1075.11 | 58.44 | 1117.98 | 60.61 |
| KTPS-C | | | | | | | | | |
| Unit-VII | 110 | 464.24 | 48.18 | 457.47 | 47.48 | 399.81 | 41.49 | 582.37 | 60.27 |
| Unit-VIII | 110 | 499.94 | 51.88 | 400.03 | 41.51 | 375.06 | 38.92 | 495.20 | 51.25 |
| STATION | 220 | 964.18 | 50.33 | 857.50 | 44.49 | 774.87 | 40.01 | 1077.57 | 55.76 |
| KTPS TOTAL | 680 | 3132.27 | 53.37 | 3259.42 | 55.53 | 3057.39 | 52.09 | 3413.88 | 58.01 |
| KTPS-V | | | | | | | | | |
| Unit-IX(Stab.) | 250 | - | - | - | - | - | - | - | - |
| Comml. from 1.10.97 | | - | - | - | - | - | - | - | - |
| Unit-X | 250 | - | - | - | - | - | - | - | - |
| TOTAL | 500 | - | - | - | - | - | - | - | - |
| RTPP-U-I | 210 | - | - | - | - | - | - | 348.14 | - |
| RTPP-U-II | 210 | - | - | - | - | - | - | 979.37 | 70.85 |
| STATION | 420 | - | - | - | - | - | - | | |
| RTS-B | 62.5 | 220.60 | 40.29 | 360.62 | 65.87 | 353.62 | 64.59 | 374.38 | 68.19 |
| NTS | 30 | 102.66 | 39.07 | 109.99 | 41.85 | 91.11 | 34.67 | 129.34 | 49.08 |
| TOTAL } | | | | | | | | | |
| THERMAL } | 2452.5 | #VALUE! | 64.93 | #VALUE! | 68.67 | #VALUE! | 70.11 | #VALUE! | 78.16 |
| ALL INDIA | | | 57.10 | | 61.00 | | 60.00 | | 63.00 |
| 200 / 210 MW Units | | | | | | | | | (Contd.,) |

6.12 PERFORMANCE OF THERMAL UNITS SINCE COMMISSIONING

| Station | Capacity MW | 1996 - 97 | | 1997 - 98 | | 1998 - 99 | | 1999 - 2000 | | 2000-01 | | 2001-02 | | 2002-03 | | 2003-04 | | 2004-05 | | 2005-06 | | 2006-07 | | 2007-08 | | 2008-09 | | 2009-10 | | 2010-11 | | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15 | |
|-------------------------|-------------|-----------------|--------------|-----------------|--------------|----------------|--------------|----------------|-------------|-----------------|-------------|-----------------|--------------|--------------|-----------|--------------|-----------|-------------|-----------|-------------|----------------|-------------|-----------|-------------|-----------|--------------|-----------|-------------|-----------|-------------|-----------|--------------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|
| | | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % |
| VTSP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unit-I | 210 | 1644.91 | 89.42 | 1644.82 | 89.41 | 1571.03 | 85.4 | 1622.22 | 87.9 | 1516.93 | 82.5 | 1644.68 | 89.4 | 1669 | 91 | 1583 | 86 | 1309 | 71 | 1569 | 85 | 1694 | 92 | 1650 | 89 | 1616 | 88 | 1707 | 93 | 1559 | 85 | 1641 | 89 | 1355 | 74 | 1178 | 64 | 1489 | 80.96 |
| Unit-II | 210 | 1690.65 | 91.90 | 1657.09 | 90.08 | 1582.61 | 86.03 | 1243.76 | 67.4 | 1706.97 | 92.8 | 1707.69 | 92.83 | 1613 | 88 | 1621 | 88 | 1631 | 89 | 1545 | 84 | 1515 | 82 | 1280 | 69 | 1639 | 89 | 1756 | 95 | 1624 | 88 | 1645 | 89 | 1610 | 88 | 1568 | 85 | 1489 | 80.92 |
| Unit-III | 210 | 1753.11 | 95.30 | 1738.56 | 94.51 | 1695.14 | 92.15 | 1721.64 | 93.3 | 1767.81 | 96.10 | 1749.29 | 95.09 | 1733 | 94 | 1742 | 94 | 1728 | 94 | 1749 | 95 | 1518 | 83 | 1725 | 94 | 1805 | 98 | 1726 | 94 | 1761 | 96 | 1715 | 93 | 1754 | 95 | 1584 | 86 | 1542 | 83.83 |
| Unit-IV | 210 | 1728.36 | 93.95 | 1744.10 | 94.8 | 1691.12 | 91.93 | 1539.63 | 83.5 | 1753.34 | 95.3 | 1749.57 | 95.11 | 1759 | 96 | 1706 | 93 | 1708 | 93 | 1622 | 88 | 1770 | 96 | 1674 | 91 | 1817 | 99 | 1353 | 74 | 1589 | 86 | 1722 | 93 | 1674 | 91 | 1582 | 86 | 1523 | 82.77 |
| Unit-V | 210 | 1723.71 | 93.70 | 1783.53 | 96.95 | 1553.03 | 84.42 | 1761.34 | 95.5 | 1708.4 | 92.9 | 1782.73 | 96.91 | 1760 | 96 | 1757 | 95 | 1736 | 94 | 1661 | 90 | 1756 | 95 | 1704 | 92 | 1654 | 90 | 1818 | 99 | 1702 | 93 | 1569 | 85 | 1722 | 94 | 1578 | 86 | 1539 | 83.67 |
| Unit-VI | 210 | 1733.57 | 94.24 | 1789.11 | 97.26 | 1735.00 | 94.31 | 1732.95 | 94 | 1744.76 | 94.8 | 1594.11 | 86.66 | 1750 | 95 | 1756 | 95 | 1739 | 95 | 1609 | 87 | 1701 | 92 | 1732 | 94 | 1810 | 98 | 1346 | 73 | 423 | 23 | 1746 | 95 | 1552 | 84 | 1562 | 85 | 1504 | 81.76 |
| Unit-VII | 500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STATION | 1760 | 10274.31 | 93.08 | 10357.13 | 93.83 | 9827.93 | 89.04 | 9621.54 | 86.9 | 10198.21 | 92.4 | 10228.07 | 92.67 | 10284 | 93 | 10164 | 92 | 9851 | 89 | 9755 | 88 | 9954 | 90 | 9765 | 88 | 10341 | 94 | 9707 | 88 | 8658 | 80 | 14159 | 92 | 13411 | 92 | 12833 | 83 | 12705 | 82.40 |
| KTPS-A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unit-I | 60 | 352 | 67 | 363 | 69 | 329 | 63 | 371 | 70 | 313 | 59 | 437 | 83 | 462 | 88 | 444 | 84 | 417 | 79 | 410 | 78 | 441 | 84 | 434 | 82 | 401 | 76 | 371 | 71 | 466 | 89 | 448 | 85 | 406 | 77 | 398 | 76 | | |
| Unit-II | 60 | 352 | 67 | 385 | 73 | 324 | 62 | 420 | 80 | 455 | 87 | 448 | 85 | 431 | 82 | 413 | 78 | 446 | 85 | 347 | 66 | 467 | 89 | 444 | 84 | 408 | 78 | 457 | 87 | 393 | 75 | 450 | 85 | 406 | 77 | 393 | 75 | | |
| Unit-III | 60 | 345 | 66 | 102 | 19 | 211 | 40 | 418 | 79 | 472 | 90 | 472 | 90 | 472 | 90 | 436 | 83 | 472 | 90 | 399 | 76 | 385 | 73 | 441 | 84 | 393 | 75 | 442 | 84 | 438 | 83 | 445 | 85 | 417 | 79 | 374 | 71 | | |
| Unit-IV | 60 | 346 | 66 | 372 | 71 | 305 | 58 | 406 | 77 | 458 | 87 | 397 | 75 | 479 | 91 | 434 | 82 | 472 | 90 | 425 | 81 | 395 | 75 | 412 | 78 | 397 | 75 | 464 | 88 | 429 | 82 | 416 | 79 | 407 | 78 | 383 | 73 | | |
| STATION | 240 | 1395.43 | 66.37 | 1222.22 | 58.13 | 1168.44 | 55.58 | 1615.57 | 76.6 | 1697.55 | 80.7 | 1753.26 | 83.39 | 1844 | 88 | 1728 | 82 | 1807 | 86 | 1581 | 75 | 1687 | 80 | 1730 | 82 | 1599 | 76 | 1734 | 82 | 1727 | 82 | 1759 | 83 | 1637 | 78 | 1549 | 74 | | |
| KTPS-B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unit-V | 120 | 586 | 64 | 612 | 67 | 349 | 38 | 546 | 59 | 115 | 13 | 696 | 76 | 907 | 86 | 929 | 88 | 894 | 85 | 850 | 81 | 800 | 76 | 775 | 73 | 663 | 63 | 924 | 88 | 848 | 81 | 841 | 80 | 759 | 72 | 757 | 72 | | |
| Unit-VI | 120 | 592 | 64 | 609 | 66 | 223 | 24 | 516 | 56 | 680 | 74 | 368 | 40 | 555 | 60 | 938 | 89 | 911 | 87 | 762 | 72 | 821 | 78 | 782 | 74 | 747 | 71 | 771 | 73 | 834 | 79 | 825 | 78 | 719 | 68 | 761 | 72 | | |
| STATION | 240 | 1178 | 64 | 1220 | 66 | 572 | 31 | 1062 | 58 | 795 | 43 | 1064 | 58 | 1462 | 74 | 1867 | 89 | 1806 | 86 | 1612 | 77 | 1621 | 77 | 1557 | 74 | 1410 | 67 | 1695 | 81 | 1682 | 80 | 1666 | 79 | 1478 | 70 | 1518 | 72 | | |
| KTPS-C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unit-VII | 120 | 436 | 45 | 604 | 63 | 515 | 53 | 655 | 68 | 697 | 72 | 688 | 71 | 684 | 71 | 347 | 36 | 839 | 87 | 762 | 73 | 765 | 73 | 900 | 85 | 756 | 72 | 730 | 69 | 848 | 81 | 818 | 78 | 797 | 76 | 710 | 67.57 | | |
| Unit-VIII | 120 | 511 | 53 | 590 | 61 | 520 | 54 | 554 | 57 | 673 | 70 | 667 | 69 | 655 | 68 | 283 | 29 | 913 | 95 | 777 | 74 | 713 | 68 | 843 | 80 | 697 | 66 | 754 | 72 | 799 | 76 | 756 | 72 | 695 | 66 | 509 | 48.41 | | |
| STATION | 240 | 947 | 49 | 1195 | 62 | 1035 | 54 | 1209 | 63 | 1371 | 71 | 1355 | 70 | 1339 | 69 | 631 | 33 | 1752 | 91 | 1539 | 73 | 1479 | 70 | 1743 | 83 | 1453 | 69 | 1485 | 71 | 1647 | 78 | 1573 | 75 | 1492 | 71 | 1219 | 57.99 | | |
| KTPS TOTAL | 720 | 3520.15 | 59.98 | 3637.07 | 61.97 | 2775.97 | 47.3 | 3887.15 | 66.1 | 3863.27 | 65.8 | 4172.14 | 71.09 | 4645 | 77 | 4226 | 69 | 5364 | 87 | 4732 | 75 | 4787 | 76 | 5030 | 80 | 4462 | 71 | 4913 | 78 | 5057 | 80 | 4998 | 79 | 4607 | 73 | 4286 | 67.95 | | |
| KTPS-V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unit-IX(Stab.) | | - | - | 475 | - | 1691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Comm. from 1.10.97 | 250 | - | - | 1020 | 93 | 532 | 77 | 1926 | 88 | 1741 | 80 | 2039 | 93 | 2035 | 93 | 2040 | 93 | 2100 | 96 | 1886 | 86 | 2057 | 94 | 1994 | 91 | 1960 | 90 | 1930 | 88 | 2079 | 95 | 1510 | 69 | 1827 | 83 | 1791 | 81.78 | | |
| Unit-X | 250 | - | - | 32 | - | 1163 | - | 2008 | 91 | 2043 | 93 | 1823 | 83 | 2046 | 93 | 1999 | 91 | 2040 | 93 | 1596 | 73 | 1624 | 74 | 1977 | 90 | 1706 | 78 | 2105 | 96 | 1339 | 61 | 2033 | 93 | 1895 | 87 | 1829 | 83.5 | | |
| TOTAL | 500 | - | - | 1526.30 | 93.39 | 3387.17 | 91.46 | 3933.42 | 89.6 | 3784.36 | 86.4 | 3862.49 | 88.18 | 4081 | 93 | 4038 | 92 | 4140 | 95 | 3482 | 80 | 3681 | 84 | 3970 | 90 | 3666 | 84 | 4036 | 92 | 3418 | 78 | 3544 | 81 | 3722 | 85 | 3620 | 82.64 | | |
| KTPS-VI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unit -XI from 26-6-2011 | 500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RTTP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RTTP-Unit-I | 210 | 1224 | 67 | 1456 | 79 | 1707 | 93 | 1742 | 94 | 1754 | 95 | 1675 | 91 | 1745 | 95 | 1762 | 93 | 1639 | 89 | 1094 | 59 | 1638 | 89 | 1494 | 81 | 1679 | 91 | 1613 | 88 | 1579 | 86 | 1628 | 88 | 1575 | 86 | 1217 | 66.17 | 1411 | 76.67 |
| RTTP-Unit-II | 210 | 1212 | 66 | 1526 | 83 | 1658 | 90 | 1758 | 95 | 1722 | 94 | 1726 | 94 | 1744 | 95 | 1999 | 91 | 1715 | 93 | 1277 | 69 | 1655 | 90 | 1653 | 90 | 1678 | 91 | 1657 | 90 | 1355 | 74 | 1626 | 88 | 1344 | 73 | 1407 | 76.48 | 1349 | 73.32 |
| RTTP-Unit-III | 210 | | | | | | | | | | | | | | | | | | | | | 20 | | 1058 | 85 | 1719 | 93 | 1608 | 87 | 1533 | 83 | 1646 | 89 | 1645 | 89 | 1488 | 80.89 | 1511 | 82.16 |
| RTTP-Unit-IV | 210 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RTTP-Unit-V | 210 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STATION | 1050 | 2436.54 | 66.22 | 2982.58 | 81.07 | 3365.06 | 91.46 | 3500.35 | 94.9 | 3475.39 | 94.5 | 3400.81 | 92.43 | 3489 | 95 | 4038 | 92 | 3354 | 91 | 2371 | 64</ | | | | | | | | | | | | | | | | | | |

6.12 PERFORMANCE OF THERMAL UNITS SINCE COMMISSIONING

| Station | Capacity MW | 2015-16 | | 2016-17 | | 2017-18 | | 2018-19 | | 2019-20 | | 2020-21 | | 2021-22 | | 2022-23 | | 2023-24 | |
|----------------------|-------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|
| | | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % | Gen MU | PLF % |
| NTTPS | | | | | | | | | | | | | | | | | | | |
| Unit-I | 210 | 1446.67 | 78.43 | 1383.28 | 75.19 | 937.53 | 50.96 | 991.84 | 53.92 | 1176.54 | 63.78 | 761.1 | 41.37 | 1316.15 | 71.55 | 1188.74 | 64.62 | 1211.52 | 65.68 |
| Unit-II | 210 | 1464.57 | 79.40 | 1150.39 | 62.53 | 1021.67 | 55.54 | 1294.94 | 70.39 | 1236.05 | 67.01 | 758.73 | 41.24 | 1347.36 | 73.24 | 1336.18 | 72.63 | 1265.39 | 68.60 |
| Unit-III | 210 | 1562.19 | 84.69 | 1487.51 | 80.86 | 1511.74 | 82.18 | 1311.84 | 71.31 | 1323.2 | 71.73 | 1128.02 | 61.32 | 1442.09 | 78.39 | 1141.41 | 62.05 | 1345.81 | 72.96 |
| Unit-IV | 210 | 1616.36 | 87.62 | 1239.01 | 67.35 | 1497.37 | 81.40 | 1373.98 | 74.69 | 1393.55 | 75.55 | 915.18 | 49.75 | 1378.79 | 74.95 | 1360.39 | 73.95 | 1417.64 | 76.85 |
| Unit-V | 210 | 1465.27 | 79.43 | 1416.36 | 76.99 | 1496.69 | 81.36 | 1408.74 | 76.58 | 1354.61 | 73.43 | 927.95 | 50.44 | 1468.45 | 79.82 | 1270.44 | 69.06 | 1433.37 | 77.70 |
| Unit-VI | 210 | 1503.64 | 81.51 | 1436.57 | 78.09 | 1335.62 | 72.60 | 1378.02 | 74.91 | 1409.48 | 76.41 | 966.45 | 52.54 | 1479.74 | 80.44 | 1423.96 | 77.41 | 1350.08 | 73.19 |
| Unit-VII | 500 | 3007.53 | 68.48 | 3541.26 | 80.85 | 3021.31 | 68.98 | 3128.19 | 71.42 | 3166.96 | 72.11 | 2874.17 | 65.62 | 3159.35 | 72.13 | 3403.64 | 77.71 | 3338.62 | 76.02 |
| Unit-VIII | 800 | | | | | | | | | | | | | | | | | 700.51 | 35.77 |
| STATION | 2560 | 12066.23 | 78.05 | 11654.38 | 75.59 | 10821.93 | 70.19 | 10887.55 | 70.62 | 11060.39 | 71.54 | 8331.60 | 51.75 | 11591.93 | 75.19 | 11124.76 | 72.16 | 12062.94 | 68.35 |
| RTPP | | | | | | | | | | | | | | | | | | | |
| RTPP-Unit-I | 210 | 1489.08 | 80.72 | 1278.34 | 69.49 | 1389.14 | 75.51 | 1166.7 | 63.42 | 863.32 | 46.8 | 312.224 | 16.97 | 1157.046 | 62.90 | 1318.592 | 71.68 | 1333.66 | 72.30 |
| RTPP-Unit-II | 210 | 1421.43 | 77.06 | 1421.64 | 77.28 | 1378.92 | 74.96 | 1197.33 | 65.09 | 559.02 | 30.31 | 20.708 | 1.13 | 317.4 | 17.25 | 866.692 | 47.11 | 1364.4 | 73.97 |
| RTPP-Unit-III | 210 | 1471.56 | 79.78 | 1365.21 | 74.21 | 1400.45 | 76.13 | 884.28 | 48.07 | 1111.7 | 60.27 | 524.839 | 28.53 | 745.005 | 40.50 | 1350.405 | 73.41 | 1460.22 | 79.16 |
| RTPP-Unit-IV | 210 | 1483.34 | 80.41 | 1263.48 | 68.68 | 1448.9 | 78.76 | 1264.97 | 68.76 | 890.42 | 48.27 | 307.041 | 16.69 | 1061.648 | 57.71 | 1366.596 | 74.29 | 1420.62 | 77.01 |
| RTPP-Unit-V | 210 | 1427.29 | 77.37 | 1383.93 | 75.23 | 1183.98 | 64.36 | 1034.68 | 56.24 | 635.62 | 34.46 | 244.183 | 13.27 | 1003.329 | 54.54 | 1363.707 | 74.13 | 1324.87 | 71.82 |
| RTPP-Unit-VI | 600 | --- | --- | --- | --- | 125.05 | --- | 1089.36 | 20.73 | 2348.21 | 44.55 | 869.466 | 16.54 | 2530.47 | 48.14 | 3047.134 | 57.97 | 3500.45 | 66.42 |
| STATION | 1650 | 7292.70 | 79.07 | 6712.60 | 72.98 | 6926.44 | 73.94 | 6637.32 | 45.92 | 6408.29 | 44.21 | 2278.461 | 15.76 | 6814.898 | 47.15 | 9313.125 | 66.43 | 10404.22 | 71.78 |
| SDSTPP | | | | | | | | | | | | | | | | | | | |
| Unit-1, Stage-1 | 800 | 3046.69 | 43.36 | 4173.01 | 59.55 | 2452.52 | 35.00 | 3267.54 | 46.63 | 3681.48 | 52.39 | 3709.13 | 52.93 | 2973.71 | 42.43 | 3110.71 | 44.39 | 3379.54 | 48.09 |
| Unit-2, Stage-1 | 800 | 1548.48 | 36.49 | 4424.26 | 63.13 | 2376.21 | 33.91 | 3664.36 | 52.29 | 3446.04 | 49.04 | 3519.16 | 50.22 | 2698.68 | 38.51 | 2772.34 | 39.56 | 3129.72 | 44.54 |
| Unit-1, Stage-2 | 800 | *** | ** | *** | ** | *** | ** | *** | ** | *** | ** | *** | ** | *** | ** | 128.35 | 10.10 | 3242.34 | 46.14 |
| STATION | 2400 | 4595.17 | 40.77 | 8597.27 | 61.34 | 4828.73 | 34.46 | 6931.91 | 49.46 | 7127.52 | 50.71 | 7228.29 | 51.57 | 5672.39 | 40.47 | 6011.40 | 41.69 | 9751.60 | 46.26 |
| TOTAL THERMAL | 6610 | 23954.10 | 65.97 | 26964.25 | 69.97 | 22577.10 | 59.56 | 24456.78 | 55.33 | 24596.20 | 55.52 | 10610.06 | 39.71 | 18406.83 | 54.34 | 26449.28 | 56.65 | 32218.76 | 68.42 |

* RTPP 6 was declared COD from 00:00hrs on 29.03.2018

6.13 THERMAL POWER STATION-FUEL PARTICULARS

| Year | Station | Generation (MU) | Coal | Coal | Coal | Oil | Consumption\KWH | | C.V. of | Heat rate |
|---------|---------|--------------------|--------------------------------|---------------------------------|------------------------------------|-----------------------|-----------------|----------|-----------------|-----------|
| | | | Linkage (Million Tonnes) | received (Million Tonnes) | Consumption (Million Tonnes) | Consump- tion (KL) | Coal(KG) | Oil (ml) | Coal KCal/Kg | KCal/Kwh |
| 1982-83 | VTPS | 2912 | 2.23 | 1.71 | 1.77 | 8606 | 0.61 | 2.95 | | |
| | KTPS | 2090 | 2.49 | 1.76 | 1.83 | 69079 | 0.87 | 33.05 | | |
| | RTS 'B' | 424 | 0.31 | 0.25 | 0.27 | 2068 | 0.64 | 4.88 | | |
| | NTS | 76 | 0.08 | 0.05 | 0.06 | 1485 | 0.76 | 19.49 | | |
| 1983-84 | VTPS | 3106 | 2.50 | 1.98 | 1.94 | 6922 | 0.63 | 2.93 | | |
| | KTPS | 2243 | 2.71 | 1.92 | 2.03 | 39741 | 0.90 | 17.71 | | |
| | RTS 'B' | 399 | 0.36 | 0.26 | 0.26 | 1061 | 0.64 | 2.67 | | |
| | NTS | 146 | 0.24 | 0.11 | 0.11 | 1518 | 0.79 | 10.41 | | |
| 1984-85 | VTPS | 2847 | 2.37 | 1.85 | 1.77 | 3241 | 0.62 | 1.14 | | |
| | KTPS | 2590 | 2.82 | 2.29 | 2.37 | 15316 | 0.91 | 5.91 | | |
| | RTS 'B' | 274 | 0.42 | 0.18 | 0.18 | 833 | 0.66 | 3.03 | | |
| | NTS | 117 | 0.24 | 0.09 | 0.10 | 979 | 0.81 | 8.34 | | |
| 1985-86 | VTPS | 3270 | 2.40 | 1.98 | 1.95 | 3020 | 0.60 | 0.92 | | |
| | KTPS | 2890 | 3.00 | 2.47 | 2.53 | 18357 | 0.86 | 6.35 | | |
| | RTS 'B' | 493 | 0.41 | 0.34 | 0.33 | 686 | 0.66 | 1.39 | | |
| | NTS | 119 | 0.24 | 0.09 | 0.10 | 0 | 0.82 | 7.38 | | |
| 1986-87 | VTPS | 3326 | 2.37 | 2.10 | 2.16 | 4684 | 0.65 | 1.41 | | |
| | KTPS | 3353 | 3.06 | 2.64 | 2.96 | 17382 | 0.88 | 5.18 | | |
| | RTS 'B' | 436 | 0.39 | 0.28 | 0.28 | 555 | 0.65 | 1.27 | | |
| | NTS | 167 | 0.24 | 0.14 | 0.15 | 968 | 0.88 | 5.79 | | |
| 1987-88 | VTPS | 3412 | 2.52 | 2.22 | 2.24 | 1746 | 0.66 | 0.51 | | |
| | KTPS | 4010 | 4.02 | 3.48 | 3.54 | 11591 | 0.88 | 2.89 | | |
| | RTS 'B' | 391 | 0.42 | 0.29 | 0.30 | 937 | 0.77 | 2.40 | | |
| | NTS | 173 | 0.25 | 0.15 | 0.16 | 1000 | 0.90 | 5.77 | | |
| 1988-89 | VTPS | 3103 | 2.52 | 2.10 | 2.05 | 2965 | 0.66 | 0.95 | | |
| | KTPS | 3605 | 3.84 | 3.50 | 3.21 | 10533 | 0.89 | 2.92 | | |
| | RTS 'B' | 390 | 0.42 | 0.29 | 0.29 | 936 | 0.73 | 2.40 | | |
| | NTS | 165 | 0.25 | 0.16 | 0.16 | 973 | 0.95 | 5.89 | | |
| 1989-90 | VTPS | 3375 | 2.26 | 2.31 | 2.39 | 10467 | 0.71 | 3.10 | | |
| | KTPS | 3454 | 2.66 | 2.32 | 3.05 | 12714 | 0.88 | 3.68 | | |
| | RTS 'B' | 251 | 0.42 | 0.15 | 0.18 | 445 | 0.70 | 1.78 | | |
| | NTS | 142 | 0.23 | 0.14 | 0.14 | 1097 | 0.99 | 7.73 | | |
| 1990-91 | VTPS | 4699 | 3.66 | 3.24 | 3.36 | 8848 | 0.71 | 1.91 | | |
| | KTPS | 2941 | 3.19 | 2.50 | 2.59 | 13862 | 0.88 | 4.71 | | |
| | RTS 'B' | 400 | 0.48 | 0.26 | 0.28 | 1190 | 0.70 | 2.98 | | |
| | NTS | 62 | 0.18 | 0.06 | 0.06 | 380 | 1.05 | 6.14 | | |
| 1991-92 | VTPS | 5315 | 4.92 | 3.72 | 3.79 | 10091 | 0.91 | 1.90 | | |
| | KTPS | 2981 | 3.48 | 3.18 | 3.02 | 14273 | 1.01 | 4.79 | | |
| | RTS 'B' | 310 | 0.42 | 0.23 | 0.23 | 919 | 0.74 | 2.97 | | |
| | NTS | 121 | 0.18 | 0.13 | 0.13 | 1430 | 1.05 | 11.85 | | |
| 1992-93 | VTPS | 5659 | 4.59 | 4.15 | 4.11 | 7196 | 0.73 | 1.27 | | |
| | KTPS | 3132 | 3.33 | 3.37 | 3.27 | 17921 | 1.04 | 5.72 | | |
| | RTS-B | 221 | 0.36 | 0.19 | 0.16 | 1719 | 0.74 | 7.79 | | |
| | NTS | 103 | 0.17 | 0.14 | 0.13 | 1687 | 1.22 | 16.44 | | |
| 1993-94 | VTPS | 5909 | 4.83 | 4.15 | 4.22 | 8562 | 0.71 | 1.45 | 3498 | 2493 |
| | KTPS | 3259 | 3.36 | 3.46 | 3.66 | 15638 | 1.12 | 4.80 | 3162 | 3582 |
| | RTS-B | 361 | 0.33 | 0.25 | 0.27 | 1831 | 0.74 | 5.08 | 3589 | 2710 |
| | NTS | 110 | 0.18 | 0.13 | 0.13 | 1771 | 1.16 | 16.10 | 2670 | 3307 |
| 1994-95 | VTPS | 7318 | 5.65 | 5.22 | 5.25 | 25011 | 0.72 | 1.36 | 3429 | 2473 |
| | KTPS | 3057 | 3.51 | 3.35 | 3.38 | 9940 | 1.12 | 6.47 | 2925 | 3402 |
| | RTS 'B' | 354 | 0.33 | 0.26 | 0.24 | 1629 | 0.70 | 4.61 | 3803 | 2768 |
| | NTS | 91 | 0.14 | 0.10 | 0.08 | 1136 | 1.03 | 12.47 | 3292 | 2912 |

(Contd..)

6.13 THERMAL POWER STATION-FUEL PARTICULARS

| Year | Station | Generation (MU) | Coal | Coal | Coal | Oil | Consumption\KWH | | C.V. of Coal KCal/Kg | Heat rate KCal/Kwh |
|---------|---------|-----------------|--------------------------|---------------------------|------------------------------|------------------|-----------------|----------|-------------------------|-----------------------|
| | | | Linkage (Million Tonnes) | receipts (Million Tonnes) | Consumption (Million Tonnes) | Consumption (KL) | Coal(KG) | Oil (ml) | | |
| 1982-83 | VTPS | 2912 | 2.23 | 1.71 | 1.77 | 8606.00 | 0.61 | 2.95 | | |
| | KTPS | 2090 | 2.49 | 1.76 | 1.83 | 69079.00 | 0.87 | 33.05 | | |
| | RTS 'B' | 424 | 0.31 | 0.25 | 0.27 | 2068.00 | 0.64 | 4.88 | | |
| | NTS | 76 | 0.08 | 0.05 | 0.06 | 1485.00 | 0.76 | 19.49 | | |
| 1983-84 | VTPS | 3106 | 2.50 | 1.98 | 1.94 | 6922.00 | 0.63 | 2.93 | | |
| | KTPS | 2243 | 2.71 | 1.92 | 2.03 | 39741.00 | 0.90 | 17.71 | | |
| | RTS 'B' | 399 | 0.36 | 0.26 | 0.26 | 1061.00 | 0.64 | 2.67 | | |
| | NTS | 146 | 0.24 | 0.11 | 0.11 | 1518.00 | 0.79 | 10.41 | | |
| 1984-85 | VTPS | 2847 | 2.37 | 1.85 | 1.77 | 3241.00 | 0.62 | 1.14 | | |
| | KTPS | 2590 | 2.82 | 2.29 | 2.37 | 15316.00 | 0.91 | 5.91 | | |
| | RTS 'B' | 274 | 0.42 | 0.18 | 0.18 | 833.00 | 0.66 | 3.03 | | |
| | NTS | 117 | 0.24 | 0.09 | 0.10 | 979.00 | 0.81 | 8.34 | | |
| 1985-86 | VTPS | 3270 | 2.40 | 1.98 | 1.95 | 3020.00 | 0.60 | 0.92 | | |
| | KTPS | 2890 | 3.00 | 2.47 | 2.53 | 18357.00 | 0.86 | 6.35 | | |
| | RTS 'B' | 493 | 0.41 | 0.34 | 0.33 | 686.00 | 0.66 | 1.39 | | |
| | NTS | 119 | 0.24 | 0.09 | 0.10 | 879.00 | 0.82 | 7.38 | | |
| 1986-87 | VTPS | 3326 | 2.37 | 2.10 | 2.16 | 4684.00 | 0.65 | 1.41 | | |
| | KTPS | 3353 | 3.06 | 2.64 | 2.96 | 17382.00 | 0.88 | 5.18 | | |
| | RTS 'B' | 436 | 0.39 | 0.28 | 0.28 | 555.00 | 0.65 | 1.27 | | |
| | NTS | 167 | 0.24 | 0.14 | 0.15 | 968.00 | 0.88 | 5.79 | | |
| 1987-88 | VTPS | 3412 | 2.52 | 2.22 | 2.24 | 1746.00 | 0.66 | 0.51 | | |
| | KTPS | 4010 | 4.02 | 3.48 | 3.54 | 11591.00 | 0.88 | 2.89 | | |
| | RTS 'B' | 391 | 0.42 | 0.29 | 0.30 | 937.00 | 0.77 | 2.40 | | |
| | NTS | 173 | 0.25 | 0.15 | 0.16 | 1000.00 | 0.90 | 5.77 | | |
| 1988-89 | VTPS | 3103 | 2.52 | 2.10 | 2.05 | 2965.00 | 0.66 | 0.95 | | |
| | KTPS | 3605 | 3.84 | 3.50 | 3.21 | 10533.00 | 0.89 | 2.92 | | |
| | RTS 'B' | 390 | 0.42 | 0.29 | 0.29 | 936.00 | 0.73 | 2.40 | | |
| | NTS | 165 | 0.25 | 0.16 | 0.16 | 973.00 | 0.95 | 5.89 | | |
| 1989-90 | VTPS | 3375 | 2.26 | 2.31 | 2.39 | 10467.00 | 0.71 | 3.10 | | |
| | KTPS | 3454 | 2.66 | 2.32 | 3.05 | 12714.00 | 0.88 | 3.68 | | |
| | RTS 'B' | 251 | 0.42 | 0.15 | 0.18 | 445.00 | 0.70 | 1.78 | | |
| | NTS | 142 | 0.23 | 0.14 | 0.14 | 1097.00 | 0.99 | 7.73 | | |
| 1990-91 | VTPS | 4699 | 3.66 | 3.24 | 3.36 | 8848.00 | 0.71 | 1.91 | | |
| | KTPS | 2941 | 3.19 | 2.50 | 2.59 | 13862.00 | 0.88 | 4.71 | | |
| | RTS 'B' | 400 | 0.48 | 0.26 | 0.28 | 1190.00 | 0.70 | 2.98 | | |
| | NTS | 62 | 0.18 | 0.06 | 0.06 | 380.00 | 1.05 | 6.14 | | |
| 1991-92 | VTPS | 5315 | 4.92 | 3.72 | 3.79 | 10091.00 | 0.91 | 1.90 | | |
| | KTPS | 2981 | 3.48 | 3.18 | 3.02 | 14273.00 | 1.01 | 4.79 | | |
| | RTS 'B' | 310 | 0.42 | 0.23 | 0.23 | 919.00 | 0.74 | 2.97 | | |
| | NTS | 121 | 0.18 | 0.13 | 0.13 | 1430.00 | 1.05 | 11.85 | | |
| 1992-93 | VTPS | 5659 | 4.59 | 4.15 | 4.11 | 7196.00 | 0.73 | 1.27 | | |
| | KTPS | 3132 | 3.33 | 3.37 | 3.27 | 17921.00 | 1.04 | 5.72 | | |
| | RTS-B | 221 | 0.36 | 0.19 | 0.16 | 1719.00 | 0.74 | 7.79 | | |
| | NTS | 103 | 0.17 | 0.14 | 0.13 | 1687.00 | 1.22 | 16.44 | | |
| 1993-94 | VTPS | 5909 | 4.83 | 4.15 | 4.22 | 8562.00 | 0.71 | 1.45 | 3498 | 2493 |
| | KTPS | 3259 | 3.36 | 3.46 | 3.66 | 15638.00 | 1.12 | 4.80 | 3162 | 3582 |
| | RTS-B | 361 | 0.33 | 0.25 | 0.27 | 1831.00 | 0.74 | 5.08 | 3589 | 2710 |
| | NTS | 110 | 0.18 | 0.13 | 0.13 | 1771.00 | 1.16 | 16.10 | 2670 | 3307 |
| 1994-95 | VTPS | 7318 | 5.65 | 5.22 | 5.25 | 25011.00 | 0.72 | 1.36 | 3429 | 2473 |
| | KTPS | 3057 | 3.51 | 3.35 | 3.38 | 9940.00 | 1.12 | 6.47 | 2925 | 3402 |
| | RTS 'B' | 354 | 0.33 | 0.26 | 0.24 | 1629.00 | 0.70 | 4.61 | 3803 | 2768 |
| | NTS | 91 | 0.14 | 0.10 | 0.08 | 1136.00 | 1.03 | 12.47 | 3292 | 2912 |
| 1995-96 | VTPS | 9858 | 7.22 | 7.34 | 7.24 | 10441.00 | 0.73 | 0.77 | 3318 | 2445 |
| | KTPS | 3414 | 4.02 | 3.83 | 3.77 | 14878.00 | 1.11 | 4.36 | 2958 | 3298 |
| | RTPP | 1328 | 1.72 | 1.08 | 1.08 | 18022.00 | 0.81 | 7.27 | 3544 | 3221 |
| | RTS 'B' | 374 | 0.33 | 0.25 | 0.26 | 1640.00 | 0.70 | 4.38 | 3783 | 2693 |
| NTS | 129 | 0.17 | 0.15 | 0.14 | 1288.00 | 1.10 | 9.96 | 3423 | 3862 | |

6.13 THERMAL POWER STATION-FUEL PARTICULARS

| Year | Station | Generation (MU) | Coal | Coal | Coal | Oil | Consumption\KWH | | C.V. of Coal KCal/Kg | Heat rate KCal/Kwh |
|---------|---------|-----------------|--------------------------|---------------------------|------------------------------|------------------|-----------------|----------|-------------------------|-----------------------|
| | | | Linkage (Million Tonnes) | receipts (Million Tonnes) | Consumption (Million Tonnes) | Consumption (KL) | Coal(KG) | Oil (ml) | | |
| 1996-97 | VTPS | 10274 | 7.46 | 7.31 | 7.52 | 5331.00 | 0.73 | 0.52 | 3301 | 2420 |
| | KTPS | 3520 | 3.90 | 4.00 | 3.79 | 17724.00 | 1.08 | 5.04 | 2974 | 3255 |
| | RTPP | 2437 | 2.75 | 2.13 | 1.93 | 12497.00 | 0.79 | 5.13 | 3387 | 2733 |
| | RTS'B' | 378 | 0.29 | 0.29 | 0.27 | 3065.00 | 0.73 | 8.11 | 3647 | 2728 |
| | NTS | 111 | 0.17 | 0.16 | 0.13 | 1959.00 | 1.17 | 17.66 | 3092 | 3802 |
| 1997-98 | VTPS | 10357 | 8.10 | 7.40 | 7.27 | 5488.00 | 0.70 | 0.53 | 3402 | 2394 |
| | KTPS | 5163 | 5.94 | 4.92 | 4.51 | 26360.00 | 0.87 | 5.10 | 3349 | 3223 |
| | RTPP | 2983 | 2.71 | 2.27 | 2.22 | 4144.00 | 0.74 | 1.39 | 3347 | 2503 |
| | RTS'B' | 400 | 0.36 | 0.29 | 0.28 | 2500.00 | 0.69 | 6.25 | 3844 | 2715 |
| | NTS | 116 | 0.12 | 0.13 | 0.13 | 1779.00 | 1.16 | 15.31 | 3043 | 3690 |
| 1998-99 | VTPS | 9828 | 7.20 | 6.80 | 6.83 | 5969.18 | 0.69 | 0.61 | 3474 | 2420 |
| | KTPS | 6163 | 7.05 | 4.88 | 5.07 | 26403.30 | 1.68 | 8.50 | 6772 | 2459 |
| | RTPP | 3365 | 2.63 | 2.43 | 2.51 | 3051.60 | 0.75 | 0.91 | 3281 | 2457 |
| | RTS'B' | 380 | 0.32 | 0.29 | 0.28 | 2335.10 | 0.73 | 6.14 | 3812 | 2859 |
| | NTS | 97 | 0.15 | 0.11 | 0.12 | 1150.28 | 1.23 | 11.84 | 3441 | 4242 |
| 1999-00 | VTPS | 9621.54 | 6.45 | 6.65 | 6.70 | 4213.00 | 0.70 | 0.44 | 3570 | 2491 |
| | KTPS | 3887.15 | } 6.47 | 3.55 | 3.61 | 1362.00 | 0.93 | 0.77 | 3116 | 2349 |
| | KTPS-V | 3933.42 | | 2.47 | 2.55 | 2897.00 | 0.65 | 0.83 | 3120 | 2351 |
| | RTPP | 3500.35 | 2.70 | 2.62 | 2.63 | 1535.00 | 0.75 | 0.88 | 3123 | 2353 |
| | RTS'B' | 428.7 | 0.36 | 0.31 | 0.33 | 594.00 | 0.76 | 1.60 | 3215 | 2803 |
| | NTS | 127.94 | 0.21 | 0.13 | 0.13 | 570.00 | 1.05 | 1.36 | 3241 | 2809 |
| 2000-01 | VTPS | 10198.21 | 7.05 | 7.27 | 7.09 | 4139 | 0.70 | 0.41 | 3460 | 2411 |
| | KTPS | 3863.27 | } 6.79 | 3.75 | 3.60 | 10599 | 0.93 | 2.74 | 3233 | 3045 |
| | KTPS-V | 3784.36 | | 2.61 | 2.31 | 2838 | 0.61 | 0.75 | 3785 | 2325 |
| | RTPP | 3475.38 | 3.03 | 2.82 | 2.80 | 2424 | 0.81 | 0.70 | 2850 | 2303 |
| | RTS'B' | 443.7 | 0.36 | 0.35 | 0.36 | 1018 | 0.82 | 2.29 | 3588 | 2966 |
| | NTS | 169.33 | 0.17 | 0.19 | 0.18 | 479 | 1.09 | 2.83 | 2998 | 3296 |
| 2001-02 | VTPS | 10228.07 | 6.90 | 6.99 | 7.17 | 3630 | 0.70 | 0.35 | 3521 | 2471 |
| | KTPS | 4172.14 | } 6.31 | 3.62 | 3.69 | 12261 | 0.88 | 2.94 | 3212 | 2870 |
| | KTPS-V | 3862.49 | | 2.62 | 2.65 | 2413 | 0.69 | 0.62 | 3320 | 2282 |
| | RTPP | 3400.81 | 2.40 | 2.31 | 2.37 | 1678 | 0.70 | 0.49 | 3386 | 2366 |
| | RTS'B' | 425.4 | 0.34 | 0.32 | 0.31 | 732 | 0.74 | 1.72 | 3763 | 2810 |
| | NTS | 156.09 | 0.18 | 0.16 | 0.17 | 409 | 1.10 | 2.62 | 3622 | 4024 |
| 2002-03 | VTPS | 10283.63 | 7.02 | 7.20 | 7.23 | 2848 | 0.70 | 0.28 | 3498 | 2461 |
| | KTPS | 4644.98 | } 6.11 | 3.79 | 3.83 | 7470 | 0.83 | 1.61 | 3294 | 2733 |
| | KTPS-V | 4080.53 | | 2.81 | 2.84 | 1663 | 0.70 | 0.41 | 3357 | 2339 |
| | RTPP | 3488.82 | 2.16 | 2.20 | 2.29 | 2036 | 0.66 | 0.58 | 3500 | 2305 |
| | RTS'B' | 388.67 | 0.29 | 0.27 | 0.27 | 452 | 0.70 | 1.16 | 3972 | 2811 |
| | NTS | 145.90 | 0.13 | 0.15 | 0.16 | 275 | 1.08 | 1.88 | 3373 | 3654 |
| 2003-04 | VTPS | 10164.27 | 7.74 | 7.16 | 7.16 | 3701 | 0.70 | 0.36 | 3535 | 2494 |
| | KTPS | 4225.95 | } 6.44 | 3.96 | 3.29 | 5492 | 0.78 | 1.30 | 3486 | 2732 |
| | KTPS-V | 4038.37 | | 2.02 | 2.65 | 2062 | 0.66 | 0.51 | 3521 | 2318 |
| | RTPP | 3401.58 | 2.60 | 2.19 | 2.25 | 677 | 0.66 | 0.20 | 3485 | 2304 |
| | RTS'B' | 471.28 | 0.27 | 0.31 | 0.31 | 310 | 0.66 | 0.66 | 4281 | 2839 |
| | NTS | 153.94 | 0.15 | 0.14 | 0.15 | 321 | 0.96 | 2.08 | 3570 | 3463 |
| 2004-05 | VTPS | 9851.05 | 7.80 | 6.96 | 6.89 | 3280 | 0.70 | 0.33 | 3483 | 2441 |
| | KTPS | 5364.13 | } 6.47 | 3.87 | 3.79 | 5339 | 0.71 | 1.00 | 3647 | 2593 |
| | KTPS-V | 4140.20 | | 2.53 | 2.57 | 1781 | 0.62 | 0.43 | 3651 | 2274 |
| | RTPP | 3353.78 | 2.49 | 2.16 | 2.15 | 757 | 0.64 | 0.23 | 3566 | 2288 |
| | RTS'B' | 496.16 | 0.33 | 0.32 | 0.32 | 198 | 0.64 | 0.40 | 4248 | 2723 |
| | NTS | 154.40 | 0.17 | 0.15 | 0.15 | 228 | 0.98 | 1.48 | 3824 | 3772 |
| 2005-06 | VTPS | 9754.94 | 7.35 | 6.90 | 6.81 | 2451 | 0.70 | 0.25 | 3438 | 2401 |
| | KTPS | 4732.26 | } 6.36 | 3.72 | 3.64 | 5022 | 0.77 | 1.06 | 3449 | 2662 |
| | KTPS-V | 3482.09 | | 2.55 | 2.39 | 2054 | 0.69 | 0.59 | 3364 | 2311 |
| | RTPP | 2370.99 | 2.37 | 1.60 | 1.52 | 1901 | 0.64 | 0.80 | 3614 | 2323 |
| | RTS'B' | 397.12 | 0.36 | 0.29 | 0.28 | 399 | 0.71 | 1.01 | 4016 | 2872 |
| | NTS | 7.42 | 0.02 | 0.01 | 0.01 | 5 | 0.97 | 0.64 | 3930 | 3832 |
| 2006-07 | VTPS | 9953.95 | 7.41 | 6.90 | 6.93 | 2788 | 0.70 | 0.28 | 3405 | 2374 |
| | KTPS | 4787.31 | } 7.02 | 3.77 | 3.80 | 6207 | 0.79 | 1.30 | 3423 | 2731 |
| | KTPS-V | 3680.69 | | 2.55 | 2.64 | 1324 | 0.72 | 0.36 | 3296 | 2364 |
| | RTPP | 3293.67 | 3.40 | 2.01 | 2.22 | 1662 | 0.68 | 0.50 | 3447 | 2334 |
| | RTS'B' | 330.66 | 0.37 | 0.24 | 0.24 | 491 | 0.71 | 1.49 | 3874 | 2770 |
| | NTS | | | | | | | | | |

6.13 THERMAL POWER STATION-FUEL PARTICULARS

| Year | Station | Generation (MU) | Coal | Coal | Coal | Oil | Consumption\KWH | | C.V. of Coal KCal/Kg | Heat rate KCal/Kwh |
|------------|-----------|-----------------|--------------------------|---------------------------|------------------------------|------------------|-----------------|----------|-------------------------|-----------------------|
| | | | Linkage (Million Tonnes) | receipts (Million Tonnes) | Consumption (Million Tonnes) | Consumption (KL) | Coal(KG) | Oil (ml) | | |
| 2007-08 | VTPS | 9765.44 | 7.86 | 7.00 | 7.11 | 2789 | 0.73 | 0.29 | 3239 | 2362 |
| | KTPS | 5030.30 | } 7.20 | 4.06 | 4.14 | 4721 | 0.82 | 0.94 | 3289 | 2723 |
| | KTPS-V | 3970.43 | | 2.94 | 2.93 | 1465 | 0.74 | 0.37 | 3170 | 2344 |
| | RTPP | 4416.59 | 4.67 | 3.09 | 3.09 | 17412 | 0.70 | 1.28 | 3281 | 2325 |
| | RTS'B' | 503.01 | 0.33 | 0.33 | 0.33 | 316 | 0.66 | 0.63 | 3953 | 2613 |
| 2008-09 | VTPS | 10340.94 | 7.55 | 7.30 | 7.26 | 2959 | 0.70 | 0.29 | 3304 | 2324 |
| | KTPS | 4462.11 | } 5.90 | 3.99 | 4.00 | 8542 | 0.90 | 1.91 | 3084 | 2784 |
| | KTPS-V | 3665.89 | | 2.97 | 3.00 | 3827 | 0.82 | 1.04 | 2804 | 2306 |
| | RTPP | 6741.61 | 5.09 | 3.99 | 4.72 | 5218 | 0.70 | 0.77 | 3230 | 2268 |
| | RTS'B' | 467.35 | 0.32 | 0.35 | 0.33 | 201 | 0.71 | 0.43 | 3701 | 2645 |
| 2009-10 | VTPS | 10727.18 | 7.55 | 7.70 | 7.62 | 3007 | 0.72 | 0.31 | 3274 | 2360 |
| | KTPS | 4913.38 | } 5.90 | 4.49 | 4.22 | 4486 | 0.86 | 0.91 | 3079 | 2657 |
| | KTPS-V | 4035.64 | | 3.27 | 3.10 | 1689 | 0.77 | 0.42 | 2966 | 2285 |
| | RTPP | 6376.56 | 5.09 | 4.48 | 4.40 | 3325 | 0.69 | 0.52 | 3289 | 2278 |
| | RTS'B' | 512.18 | 0.32 | 0.35 | 0.35 | 179 | 0.69 | 0.35 | 3735 | 2562 |
| 2010-11 | VTPS | 12408.14 | 8.08 | 7.92 | 8.65 | 4128 | 0.74 | 0.48 | 3173 | 2342 |
| | KTPS | 5057.09 | } 5.90 | 6.79 | 4.32 | 4616 | 0.85 | 0.91 | 3068 | 2631 |
| | KTPS-V | 3417.97 | | 2.53 | 2.53 | 2830 | 0.74 | 0.83 | 2980 | 2210 |
| | RTPP | 6255.32 | 4.75 | 4.21 | 4.33 | 8844 | 0.69 | 0.81 | 3245 | 2257 |
| | RTS'B' | 469.91 | 0.30 | 0.32 | 0.33 | 296 | 0.71 | 0.63 | 3601 | 2555 |
| Kakatiya-I | 1838.51 | 2.16 | 1.21 | 1.16 | 16824 | 0.63 | 2.37 | 3570 | 2272 | |
| 2011-12 | VTPS | 14159.09 | 7.69 | 8.53 | 9.80 | 6216 | 0.72 | 0.62 | 3198 | 2314 |
| | KTPS | 4998.02 | } 5.90 | 8.05 | 4.39 | 5501 | 0.88 | 1.10 | 3046 | 2686 |
| | KTPS-V&VI | 5844.27 | | 4.06 | 4.06 | 20532 | 0.69 | 0.97 | 3226 | 2251 |
| | RTPP | 8075.76 | 5.49 | 5.12 | 5.49 | 13449 | 0.68 | 1.67 | 3353 | 2294 |
| | RTS'B' | 452.70 | 0.30 | 0.32 | 0.33 | 590 | 0.72 | 1.30 | 3614 | 2615 |
| Kakatiya-I | 2440.72 | 2.16 | 2.37 | 1.49 | 6266 | 0.61 | 2.57 | 3688 | 2272 | |
| 2012-13 | VTPS | 13410.51 | 7.69 | 9.93 | 9.81 | 19968 | 0.77 | 2.07 | 3032 | 2347 |
| | KTPS | 4607.32 | 3.70 | 4.65 | 4.44 | 10200 | 0.96 | 2.21 | 2912 | 2830 |
| | KTPS-V&VI | 7799.06 | 4.51 | 5.59 | 5.58 | 9518 | 0.72 | 1.22 | 3365 | 2421 |
| | RTPP | 7692.60 | 5.49 | 5.20 | 5.15 | 9308 | 0.67 | 1.21 | 3381 | 2275 |
| | RTS'B' | 435.83 | 0.30 | 0.32 | 0.32 | 869 | 0.75 | 1.99 | 3576 | 2714 |
| Kakatiya-I | 3988.72 | 2.16 | 2.35 | 2.48 | 2365 | 0.62 | 0.59 | 3719 | 2320 | |
| 2013-14 | VTPS | 12833.42 | 7.57 | 9.96 | 9.57 | 10109 | 0.78 | 1.12 | 3050 | 2380 |
| | KTPS | 4285.96 | 3.70 | 4.63 | 4.77 | 6228 | 1.11 | 1.45 | 2749 | 3073 |
| | KTPS-V&VI | 7018.27 | 3.77 | 5.09 | 5.44 | 5043 | 0.78 | 0.72 | 3042 | 2367 |
| | RTPP | 7056.69 | 5.43 | 3.26 | 5.02 | 9687 | 0.71 | 1.37 | 3271 | 2342 |
| | RTS'B' | 445.77 | 0.30 | 0.36 | 0.35 | 963 | 0.78 | 2.16 | 3510 | 2774 |
| Kakatiya-I | 3155.09 | 2.29 | 2.54 | 2.51 | 3382 | 0.67 | 1.07 | 3492 | 2347 | |
| 2014-15 | VTPS | 12704.85 | - | 9.76 | 9.52 | 14980 | 0.75 | 1.18 | 3272 | 2463 |
| | RTPP | 7163.53 | - | 5.63 | 5.43 | 13931 | 0.76 | 1.94 | 3032 | 2317 |
| 2015-16 | Dr NTTPS | 12066.23 | - | 9.72 | 9.25 | 10437 | 0.76 | 0.86 | 3181 | 2434 |
| | RTPP | 7292.70 | - | 5.75 | 5.35 | 5888 | 0.73 | 0.81 | 3127 | 2300 |
| | SDSTPP | 4595.17 | 5.00 | 2.815 | 2.68 | 5235 | 0.58 | 1.14 | 4324 | 2534 |
| 2016-17 | Dr NTTPS | 11654.38 | 8.31 | 8.697 | 8.936 | 7521 | 0.76 | 0.65 | 3175 | 2431 |
| | RTPP | 6712.60 | 5.76 | 4.439 | 4.696 | 3938 | 0.70 | 0.59 | 3270 | 2293 |
| | SDSTPP | 8597.27 | 5.00 | 4.585 | 5.100 | 3001 | 0.59 | 0.35 | 4320 | 2566 |
| 2017-18 | Dr NTTPS | 10821.93 | 8.310 | 8.196 | 8.537 | 7357 | 0.79 | 0.68 | 3148 | 2489 |
| | RTPP | 6926.44 | 5.76 | 4.871 | 4.968 | 4113 | 0.73 | 0.60 | 3195 | 2339 |
| | SDSTPP | 4828.73 | 5.00 | 2.869 | 2.920 | 3051 | 0.60 | 0.63 | 4192 | 2542 |
| 2018-19 | Dr NTTPS | 10887.55 | 8.31 | 9.498 | 8.941 | 5288 | 0.82 | 0.49 | 3057 | 2515 |
| | RTPP | 6637.32 | 5.76 | 4.995 | 4.825 | 11166 | 0.73 | 1.68 | 3320 | 2430 |
| | SDSTPP | 6931.908 | 5.00 | 4.482 | 4.43 | 4164 | 0.64 | 0.60 | 4119 | 2643 |
| 2019-20 | Dr NTTPS | 10024.29 | 8.31 | 9.11 | 9.04 | 7236 | 0.82 | 0.65 | 3107 | 2546 |
| | RTPP | 5798.1 | 6.65 | 5.23 | 4.91 | 6763 | 0.77 | 1.06 | 3109 | 2396 |
| | SDSTPP | 7127.523 | 5.00 | 4.781 | 4.57 | 3650 | 0.64 | 0.51 | 3856 | 2479 |
| 2020-21 | Dr NTTPS | 8331.6 | 8.31 | 6.18 | 6.65 | 5278 | 0.80 | 0.63 | 3131 | 2506 |
| | RTPP | 2278.46 | 8.07 | 1.31 | 1.68 | 2566 | 0.74 | 1.13 | 3231 | 2387 |
| | SDSTPP | 7228.29 | 5.00 | 3.783 | 4.02 | 3819 | 0.56 | 0.53 | 4091 | 2285 |
| 2021-22 | Dr NTTPS | 11591.93 | 8.31 | 9.15 | 9.22 | 5081 | 0.80 | 0.44 | 3108 | 2476 |
| | RTPP | 6814.90 | 8.07 | 5.12 | 5.12 | 7687 | 0.75 | 1.13 | 3248 | 2452 |
| | SDSTPP | 5672.39 | 7.143 | 3.677 | 3.62 | 2826 | 0.64 | 0.50 | 3774 | 2413 |

6.13 THERMAL POWER STATION-FUEL PARTICULARS

| Year | Station | Generation (MU) | Coal | Coal | Coal | Oil | Consumption\KWH | | C.V. of Coal KCal/Kg | Heat rate KCal/Kwh |
|---------|----------|-----------------|--------------------------|---------------------------|------------------------------|------------------|-----------------|----------|-------------------------|-----------------------|
| | | | Linkage (Million Tonnes) | receipts (Million Tonnes) | Consumption (Million Tonnes) | Consumption (KL) | Coal(KG) | Oil (ml) | | |
| 2022-23 | Dr NTPPS | 11124.76 | 8.31 | 9.44 | 9.35 | 10920 | 0.84 | 0.98 | 3020 | 2547 |
| | RTPP | 9313.13 | 8.72 | 7.20 | 7.12 | 7508 | 0.76 | 0.81 | 3275 | 2510 |
| | SDSTPP | 6011.40 | 7.143 | 3.862 | 3.86 | 2985 | 0.64 | 0.50 | 3921 | 2531 |
| 2023-24 | Dr NTPPS | 12066.81 | 9.29 | 10.54 | 10.41 | 18795 | 0.84 | 1.56 | 2984 | 2532 |
| | RTPP | 10404.17 | 9.74 | 8.27 | 8.16 | 8494 | 0.78 | 0.82 | 3194 | 2514 |
| | SDSTPP | 9751.595 | 11.085 | 6.205 | 6.24 | 6692 | 0.64 | 0.69 | 3861 | 2476 |

6.14 HYDEL RESERVOIR PARTICULARS

| S.No. | Name of the Reservoir | F.R.L. | MDDL | F.R.L. | Live Storage at F.R.L in T.M.C. ft. | Storage equivalent in MU |
|-------|-----------------------|----------|--------|---------|---|--------------------------------|
| | | Level in | | Storage | | |
| | | Ft. | Ft | TMC Ft. | | |
| 1. | Jalaput | 2750 | 2685 | 34.27 | 31.52 | 531 |
| 2. | Balimela | 1516 | 1440 | 127.6 | 99.44 | 895 |
| 3. | Guntawada | 1360 | 1333.5 | 4.3 | 3.62 | 65 |
| 4. | Donkarayi | 1037 | 955 | 16.52 | 12.87 | 153 |
| 5. | Srisailam | 885 | 800 | 215.81 | 186.83 | 1028 |
| 6. | Nagarjunasagar | 590 | 510 | 312.05 | 180.38 | 992 |
| 7. | Nizamsagar | 1405 | 1376 | 17.8 | 16.96 | 34 |
| 8. | T.B.Dam | 1633 | 1582 | 115.68 | 109.81 | 211 |
| 9. | Pochampad | 1091 | 1064 | 112.02 | 81.19 | 162 |

6.15 YEAR-WISE STORAGE AND INFLOWS

| Year | Initial level in | Gross Storage in | During July -June | |
|------------------------------------|-------------------|------------------|-------------------|----------------|
| | ft as on 1st July | | TMC ft | Inflows TMC ft |
| DATA OF SRISAILAM RESERVOIR | | | | |
| 1982-83 | 749.60 | 28.90 | 933.20 | 95.80 |
| 1983-84 | 735.50 | 26.60 | 1607.60 | 120.80 |
| 1984-85 | 739.60 | 25.10 | 1052.30 | 434.40 |
| 1985-86 | 812.50 | 69.50 | 716.10 | 382.10 |
| 1986-87 | 821.40 | 82.70 | 679.50 | 440.00 |
| 1987-88 | 750.00 | 28.50 | 592.80 | 500.20 |
| 1988-89 | 797.60 | 52.60 | 1471.00 | 474.20 |
| 1989-90 | 797.00 | 49.51 | 1140.70 | 567.13 |
| 1990-91 | 829.30 | 96.43 | 1630.90 | 651.91 |
| 1991-92 | 872.00 | 232.16 | 1415.22 | 516.05 |
| 1992-93 | 796.70 | 52.20 | 944.13 | 572.22 |
| 1993-94 | 800.20 | 55.20 | 1297.78 | 616.41 |
| 1994-95 | 800.20 | 55.20 | 2024.38 | 578.64 |
| 1995-96 | 738.40 | 24.61 | 619.81 | 456.08 |
| 1996-97 | 802.00 | 57.02 | 1092.69 | 560.96 |
| 1997-98 | 803.30 | 58.37 | 1198.5 | 522.33 |
| 1998-99 | 808.90 | 64.89 | 1716 | 456.32 |
| 1999-00 | 840.20 | 119.01 | 894.6 | 507.27 |
| 2000-01* | 840.20 | 119.01 | 564.47 | 503.96 |
| 2001-02 | 824.80 | 88.37 | 499.48 | 398.54 |
| 2002-03* | 821.70 | 83.19 | 199.02 | 232.15 |
| 2003-04 | | | | |
| 2004-05 | 780.40 | 40.84 | 507.63 | |
| 2005-06 | 816.90 | 63.7 | 1815.29 | 676.23 |
| 2006-07 | 847.40 | 112.66 | 1721.19 | 771.41 |
| 2007-08 | 830.10 | 79.86 | 1673.36 | 843.03 |
| 2008-09 | 861.20 | 153.25 | 749.67 | 635.74 |
| 2009-10 | 820.30 | 17.84 | 844.53 | 425.10 |
| 2010-11 | 830.70 | 31.33 | 1004.90 | 678.39 |
| 2011-12 | 838.00 | 43.50 | 703.40 | 768.44 |
| 2012-13 | 808.10 | 6.23 | 194.25 | 137.37 |
| 2013-14 | 846.00 | 42.92 | 828.87 | 487.65 |
| 2014-15 | 850.80 | 52.78 | 640.69 | 495.60 |
| DATA OF JALAPUT RESERVOIR | | | | |
| 1981-82 | 2712.00 | 10.00 | 38.70 | 43.70 |
| 1982-83 | 2680.00 | 2.30 | 42.20 | 39.60 |
| 1983-84 | 2682.90 | 2.40 | 55.90 | 42.00 |
| 1984-85 | 2718.70 | 12.70 | 47.40 | 55.90 |
| 1985-86 | 2670.70 | 1.00 | 40.00 | 37.50 |
| 1986-87 | 2684.90 | 2.70 | 49.60 | 47.90 |
| 1987-88 | 2693.40 | 4.40 | 28.50 | 29.20 |
| 1988-89 | 2687.70 | 3.20 | 42.30 | 43.30 |
| 1989-90 | 2680.50 | 2.07 | 65.90 | 41.60 |
| 1990-91 | 2741.00 | 26.51 | 63.30 | 59.50 |
| 1991-92 | 2713.70 | 10.54 | 50.85 | 51.80 |
| 1992-93 | 2714.70 | 10.95 | 49.36 | 52.30 |
| 1993-94 | 2681.00 | 2.14 | 32.14 | 38.10 |
| 1994-95 | 2681.00 | 2.14 | 79.01 | 55.18 |
| 1995-96 | 2723.90 | 15.30 | 51.75 | 53.65 |
| 1996-97 | 2711.60 | 9.72 | 53.71 | 54.28 |
| 1997-98 | 2711.40 | 9.64 | 35.23 | 37.58 |
| 1998-99 | 2694.10 | 4.52 | 50.00 | 38.41 |
| 1999-00 | 2730.00 | 18.82 | 51.71 | 46.84 |
| 2000-01* | 2730.00 | 18.82 | 41.27 | 42.52 |
| 2001-02 | 2724.70 | 15.73 | 51.72 | |

6.15 YEAR-WISE STORAGE AND INFLOWS

| Year | Initial level in | Gross Storage in | During July -June | | | |
|-----------------------------------|-------------------|------------------|-------------------|----------------|-----------|---------------|
| | ft as on 1st July | | TMC ft | Inflows TMC ft | | Drawal TMC ft |
| 2002-03* | 2728.10 | 17.67 | 22.22 | 36.92 | | |
| 2003-04* | 2686.50 | 3.01 | 47.50 | | | |
| 2004-05* | 2732.20 | 20.32 | 49.77 | | | |
| 2005-06* | 2719.00 | 12.85 | 54.74 | 48.14 | | |
| 2006-07* | 2731.10 | 19.52 | 68.13 | 52.79 | | |
| 2007-08* | 2726.00 | 16.45 | 63.52 | 30.22 | | |
| 2008-09* | 2744.50 | 26.78 | 34.57 | 38.79 | | |
| 2009-10* | 2724.10 | 12.65 | 32.27 | 41.33 | | |
| 2010-11* | 2705.10 | 4.72 | 53.05 | 37.25 | | |
| 2011-12 | 2742.70 | 25.23 | 24.33 | 32.21 | | |
| 2012-13 | 2732.05 | 17.47 | 46.95 | 44.77 | | |
| 2013-14 | 2731.35 | 16.99 | 49.51 | 39.67 | | |
| 2014-15 | 2736.55 | 20.55 | 36.13 | 44.80 | | |
| DATA OF BALIMELA RESERVOIR | | | | | AP | ORISSA |
| 1981-82 | 1441.80 | 34.30 | 63.60 | 51.60 | 58.80 | |
| 1982-83 | 1431.80 | 27.60 | 83.00 | 57.90 | 58.40 | |
| 1983-84 | 1436.10 | 30.70 | 106.30 | 65.10 | 81.60 | |
| 1984-85 | 1434.80 | 29.50 | 64.20 | 56.80 | 60.60 | |
| 1985-86 | 1433.30 | 28.60 | 57.20 | 41.50 | 48.70 | |
| 1986-87 | 1433.70 | 28.80 | 77.10 | 60.30 | 62.70 | |
| 1987-88 | 1432.00 | 27.80 | 43.20 | 32.30 | 32.40 | |
| 1988-89 | 1433.80 | 28.90 | 59.60 | 48.50 | 47.80 | |
| 1989-90 | 1437.20 | 31.11 | 86.83 | 57.40 | 57.40 | |
| 1990-91 | 1447.60 | 38.83 | 188.24 | 77.30 | 80.60 | |
| 1991-92 | 1468.70 | 52.92 | 80.58 | 76.20 | 80.90 | |
| 1992-93 | 1435.3 | 29.83 | 93.29 | 75.30 | 77.40 | |
| 1993-94 | 1432.4 | 28.00 | 49.03 | 40.90 | 43.80 | |
| 1994-95 | 1432.40 | 28.00 | 165.26 | 74.54 | 77.56 | |
| 1995-96 | 1469.80 | 59.06 | 75.46 | 80.71 | 80.71 | |
| 1996-97 | 1447.70 | 38.91 | 71.41 | 61.37 | 63.90 | |
| 1997-98 | 1442.80 | 35.10 | 51.98 | 44.74 | 44.11 | |
| 1998-99 | 1442.80 | 35.10 | 66.00 | 48.01 | 47.96 | |
| 1999-00 | 1460.20 | 49.56 | 98.76 | 61.56 | 68.43 | |
| 2000-01* | 1460.20 | 49.56 | 66.66 | 63.72 | 57.97 | |
| 2001-02 | 1440.70 | 33.53 | 76.78 | 64.30 | 61.57 | |
| 2002-03* | 1439.80 | 32.87 | 34.28 | 36.74 | 31.81 | |
| 2003-04 | 1441.00 | 33.75 | 121.30 | | | |
| 2004-05 | 1473.80 | 63.43 | 94.16 | 79.52 | 86.22 | |
| 2005-06 | 1456.00 | 46.05 | 86.21 | 65.79 | 59.35 | |
| 2006-07 | 1463.50 | 52.73 | 151.67 | 85.15 | 89.30 | |
| 2007-08 | 1483.20 | 74.91 | 108.96 | 76.52 | 101.64 | |
| 2008-09 | 1474.70 | 31.42 | 72.35 | 92.52 | 53.01 | |
| 2009-10 | 1448.20 | 6.31 | 58.46 | 33.23 | 45.68 | |
| 2010-11 | 1466.40 | 22.56 | 126.35 | 56.23 | 72.51 | |
| 2011-12 | 1486.20 | 45.96 | 54.39 | 62.80 | 59.77 | |
| 2012-13 | 1448.80 | 6.79 | 92.73 | 55.45 | 30.12 | |
| 2013-14 | 1495.50 | 58.98 | 117.10 | 66.07 | 90.75 | |
| 2014-15 | 1498.90 | 63.91 | 109.66 | 81.83 | 69.55 | |

* Inflows and drawal are during financial year (Apr-Mar) w.e.f the year 2000-01

| 6.15 YEAR-WISE STORAGE AND INFLOWS | | | | | |
|---|----------------------|----------------|-----------------------|---------------|---------------|
| Year | As on 1st April | | During April to March | | |
| | Intial level in feet | Net Storage in | Inflows TMC ft | Drawal TMC ft | |
| DATA OF SRISAILAM RESERVOIR | | | | | |
| 2014-15 | 850.80 | 52.78 | 640.69 | 495.60 | |
| 2015-16 | 805.20 | 2.66 | 53.79 | 66.76 | |
| 2016-17 | 802.90 | 1.46 | 341.13 | 105.76(RBPH). | |
| 2017-18 | 806.30 | 3.245 | 384.85 | 96.94(RBPH) | |
| 2018-19 | 805.50 | 2.816 | 501.93 | 96.11(RBPH) | |
| 2019-20 | 824.10 | 44.087 | 1666.69 | 233.72(RBPH) | |
| 2020-21 | 829.40 | 19.921 | 1650.37 | 197(RBPH) | |
| 2021-22 | 822.80 | 30.061 | 1112.65 | 258.35 | |
| 2022-23 | 806.20 | 3.191 | 1770.50 | 342.52 (RBPH) | |
| 2023-24 | 806.30 | 3.245 | 135.21 | 1.147 (RBPH) | |
| DATA OF JALAPUT RESERVOIR | | | | | |
| 2014-15 | 2736.55 | 20.55 | 36.13 | 44.80 | |
| 2015-16 | 2730.60 | 16.48 | 43.62 | 39.74 | |
| 2016-17 | 2730.10 | 16.14 | 43.61 | 50.42 | |
| 2017-18 | 2723.10 | 12.12 | 39.97 | 35.73 | |
| 2018-19 | 2735.90 | 20.10 | 53.88 | 38.98 | |
| 2019-20 | 2725.30 | 19.44 | 60.83 | 56.33 | |
| 2020-21 | 2733.55 | 18.36 | 40.22 | 41.06 | |
| 2021-22 | 2731.40 | 17.02 | 38.17 | 45.67 | |
| 2022-23 | 2729.05 | 15.49 | 38.33 | 34.36 | |
| 2023-24 | 2729.10 | 15.51 | 48.62 | 54.87 | |
| DATA OF BALIMELA RESERVOIR | | | | AP | ORISSA |
| 2014-15 | 1498.90 | 63.91 | 109.66 | 81.83 | 69.55 |
| 2015-16 | 1495.00 | 58.25 | 60.83 | 84.47 | 33.25 |
| 2016-17 | 1480.5 | 38.4 | 72.29 | 51.93 | 56.7 |
| 2017-18 | 1486.00 | 45.68 | 85.57 | 75.07 | 83.29 |
| 2018-19 | 1456.50 | 13.23 | 135.40 | 105.64 | 92.64 |
| 2019-20 | 1487.50 | 54.31 | 181.88 | 92.26 | 83.76 |
| 2020-21 | 1488.30 | 81.95 | 165.27 | 88.52 | 91.06 |
| 2021-22 | 1473.40 | 29.99 | 109.41 | 47.98 | 60.91 |
| 2022-23 | 1461.10 | 17.42 | 73.04 | 56.44 | 57.27 |
| 2023-24 | 1461.20 | 24.05 | 129.09 | 50.41 | 59.27 |

6.16 GENERATION SCHEMES CLEARED AND READY FOR EXECUTION AS ON 31-03-2024

| S.No. | Name of the Scheme | Location (District) | Capacity No. x MW | Remarks |
|--------------|--|--|--------------------------|--|
| 1 | Polavaram Hydro electric | West Godavari | (12X80 MW) =960 MW | Programmed to commission during the period of FY2024 to FY2029 |
| 2 | Additional two units at Lower Sileru Power House | Lower Sileru, Alluri Sitaramaraju, Dist. | 2 X 115 MW = 230 MW | Programmed to commission both the Units in FY 2025-26. |
| 3 | Dr. NTPPS - Stage V | Krishna Dt | 1X800 MW | * Dr.NTPPS Unit-8 was declared COD w.e.f 21.12.2023. |

6.17 POWER PROJECTS UNDER CONSTRUCTION - PROGRESS AS ON 31-03-2024

| S.No | Name of the Project | Location | Capacity Addition | Estimated Cost (Rs. Crs.) | Remarks |
|-------------------------------|---|--------------------------|--------------------------|---------------------------|---|
| State Sector (Thermal) | | | | | |
| NIL | | | | | |
| State Sector (Hydro) | | | | | |
| 1 | Polavaram HEP | Polavaram | 12 x 80 MW | Rs.5338.95 | * Zero date was commenced on Dt:30.03.2021 Programmed to commission during the period of FY2024 to FY2029 |
| 2 | Additional two units at Lower Sileru | Lower Sileru Power House | 230 MW (2 x 115 MW) | Rs. 571Crs | *Work awarded to M/s SSEL-PES Consortium on 13-04-2022 and contract period is extended upto 24.04.2025 due to delay in receipt of Environmental clearance. COD of the two units is expected by 24.04.2025. *Environmental clearance is received on 24.04.2023 |
| 3 | Pumped Storage Project Hydro Electric Project | Sileru | 1350 MW (9 x 150 MW) | Rs. 12,264.36 Crs | * Techno Economic Concurrence (TEC) from CEA received on 13-06-2023 *Work awarded to M/s.Megha Engineering & Infrastructures Limited on 28-02-2024. * Public Hearing completed on 01.04.23, Forest Clearance & Environmental clearance is under process and expected to be received by August-2024. *Unit-1,2 &3 are expected to be completed by Feb 2028. Unit-4 to 9 are expected to be completed by Feb 2029 with an interval of 2 months for each unit. |

6.18 Generation Projects under Development as on 31-3-2024

| State Sector | | | | |
|---------------------|----------------------------|---|---------------------------------|---|
| S.No | Name of the Project | Capacity Addition | Estimated Cost (in Crs.) | Remarks |
| 1 | Yaganti PSP | 1000 MW (4 x 250 MW) | 4252.00 | *Pre-DPR Activities and obtaining statutory clearances are in progress * Draft EIA Report submitted. * Public hearing postponed due to stiff resistance from locals |
| 2 | Kamalapadu PSP | 950 MW (3 x 238 MW + 2 x 118 MW) | 4676.50 | *Pre-DPR Activities and obtaining statutory clearances are in progress *Public hearing completed. Final EIA report is under preparation. |
| 3 | Gadikota PSP | 1200 MW (4 x 240 MW + 2 x 120 MW) | 7291.19 | *Pre-DPR Activities and obtaining statutory clearances are in progress * ToR Awarded Draft EIA report is under preparation. |
| 4 | Aravetipalli PSP | 1320 MW (6 x 220 MW) | 5944.27 | *Pre-DPR Activities and obtaining statutory clearances are in progress *TOR application is to be filed. |
| 5 | Deenepanlli PSP | 750 MW (5 x 150 MW) | 3168.72 | TCFR Prepared and agency to be fixed up for carryingout DPR activities |

* TOR : Terms of Reference

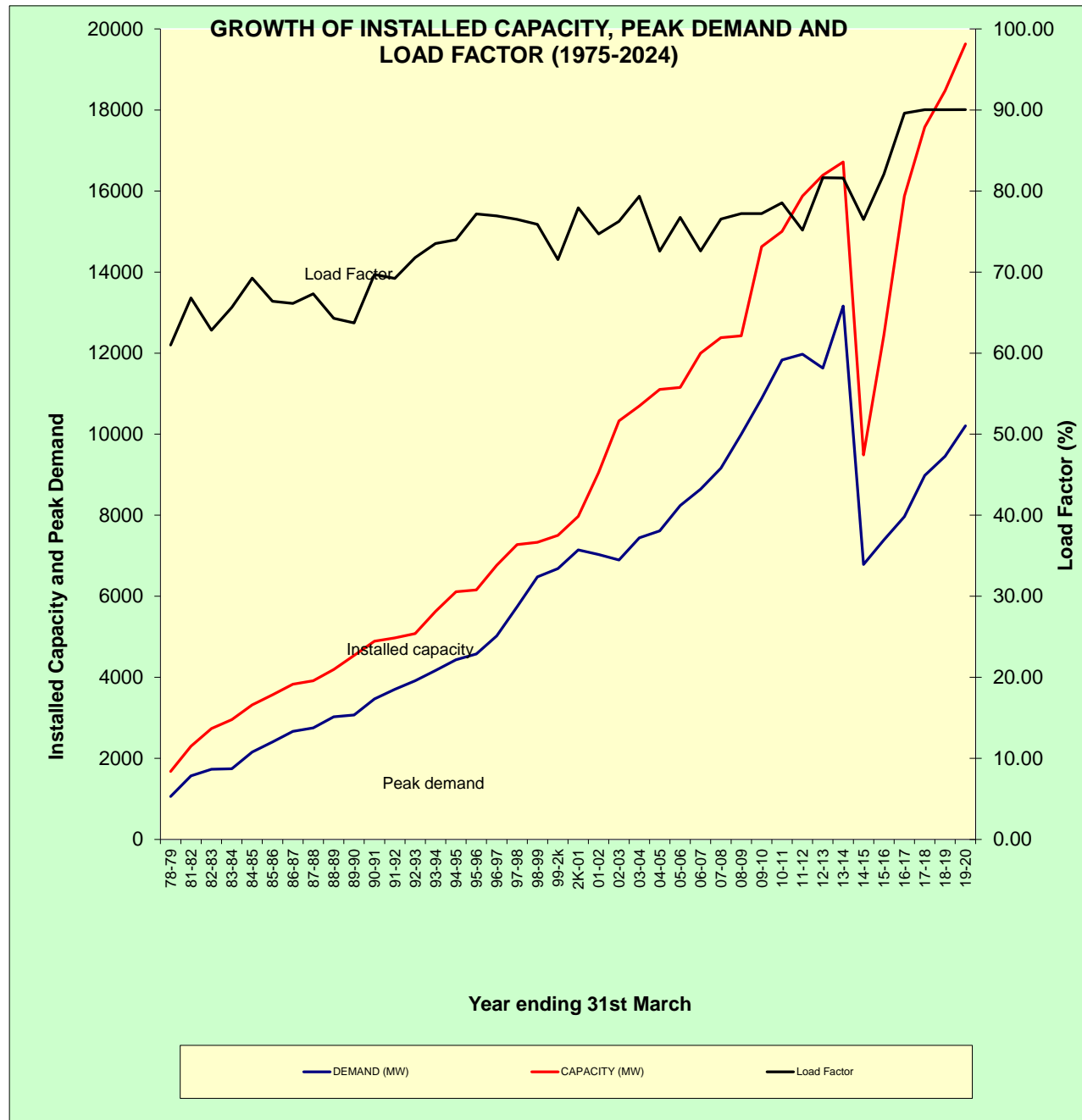
*DPR : Detailed Project Report

*TCFR : Techno-Commercial Feasibility Report

6.19 Estimated potential & Harnessed in Renewable Energy Sources (As on 31.03.2024)

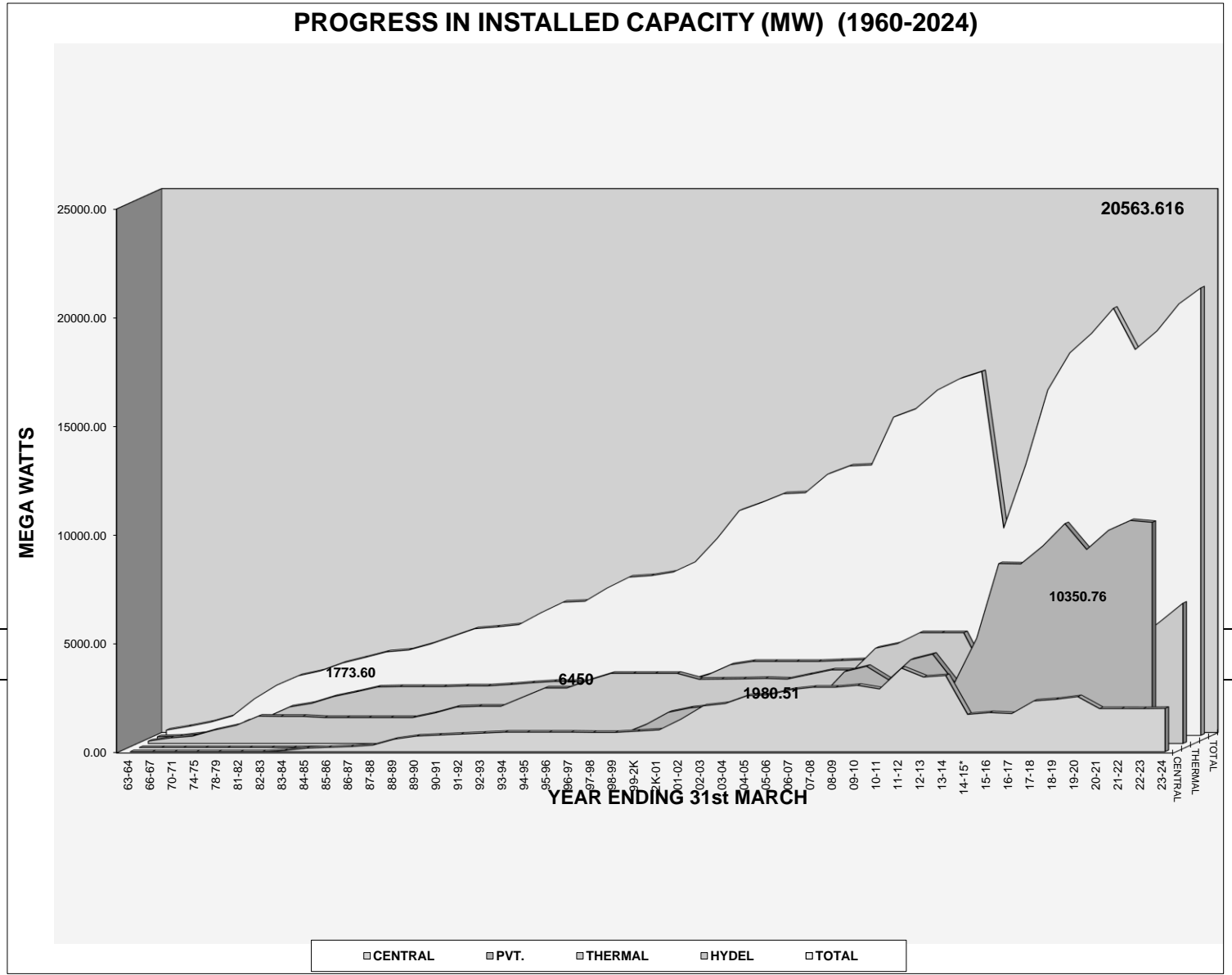
| SNO | Energy Source | Potential (MW) | Capacity Harnessed up to Mar-23 (MW) | PPAS of generating plants expired during the FY2023-24 | Capacity Harnessed up to Mar-24 (MW) |
|-----|---|----------------|--------------------------------------|--|--------------------------------------|
| 1 | Wind | 44229.00 | 3638.950 | 0.000 | 3638.950 |
| 2 | Biomass projects including co-generation power projects | 500.00 | 72.000 | (38.500) | 33.500 |
| 3 | Bagasse based Co-generation | 300.00 | 74.000 | (30.000) | 44.000 |
| 4 | Municipal Solid Waste | 100.00 | 36.150 | (6.000) | 30.150 |
| 5 | Industrial Waste | 100.00 | 21.660 | 0.000 | 21.660 |
| 6 | Small Hydro | 500.00 | 28.550 | (4.000) | 24.550 |
| 7 | Solar | 38440 | 3755.626 | 0.000 | 3755.626 |
| | Total | 84169 | 7626.936 | (78.500) | 7548.436 |

| YEAR | CAPACITY (MW) | DEMAND (MW) | Load Factor |
|-------|---------------|-------------|-------------|
| 74-75 | 888 | 706 | 61.00 |
| 78-79 | 1678 | 1060 | 66.81 |
| 81-82 | 2298 | 1570 | 62.83 |
| 82-83 | 2736 | 1733 | 65.64 |
| 83-84 | 2955 | 1743 | 69.25 |
| 84-85 | 3318 | 2158 | 66.39 |
| 85-86 | 3568 | 2404 | 66.14 |
| 86-87 | 3829 | 2665 | 67.32 |
| 87-88 | 3914 | 2752 | 64.29 |
| 88-89 | 4192 | 3026 | 63.73 |
| 89-90 | 4542 | 3070 | 69.71 |
| 90-91 | 4893 | 3465 | 69.22 |
| 91-92 | 4973 | 3703 | 71.79 |
| 92-93 | 5080 | 3916 | 73.53 |
| 93-94 | 5626 | 4170 | 74.00 |
| 94-95 | 6111 | 4434 | 77.18 |
| 95-96 | 6155 | 4576 | 76.92 |
| 96-97 | 6764 | 5022 | 76.51 |
| 97-98 | 7276 | 5742 | 75.89 |
| 98-99 | 7333 | 6480 | 71.54 |
| 99-2k | 7502 | 6684 | 77.93 |
| 2K-01 | 7974 | 7143 | 74.70 |
| 01-02 | 9056 | 7029 | 76.25 |
| 02-03 | 10329 | 6895 | 79.36 |
| 03-04 | 10696 | 7441 | 72.58 |
| 04-05 | 11106 | 7613 | 76.75 |
| 05-06 | 11151 | 8239 | 72.61 |
| 06-07 | 11996 | 8641 | 76.55 |
| 07-08 | 12382 | 9162 | 77.21 |
| 08-09 | 12427 | 9997 | 77.22 |
| 09-10 | 14625 | 10880 | 78.54 |
| 10-11 | 15003 | 11829 | 75.18 |
| 11-12 | 15876 | 11972 | 81.65 |
| 12-13 | 16389 | 11630 | 81.60 |
| 13-14 | 16717 | 13162 | 76.49 |
| 14-15 | 9486 | 6784 | 82.08 |
| 15-16 | 12444 | 7391 | 89.60 |
| 16-17 | 15876 | 7965 | 90.03 |
| 17-18 | 17578 | 8983 | 90.03 |
| 18-19 | 18477 | 9453 | 90.04 |
| 19-20 | 19630 | 10207 | 74.92 |
| 20-21 | 17734 | 11193 | 64.32 |
| 21-22 | 18592 | 12032 | 65.44 |
| 22-23 | 19831 | 12293 | 67.29 |
| 23-24 | 20564 | 13127 | 70.69 |

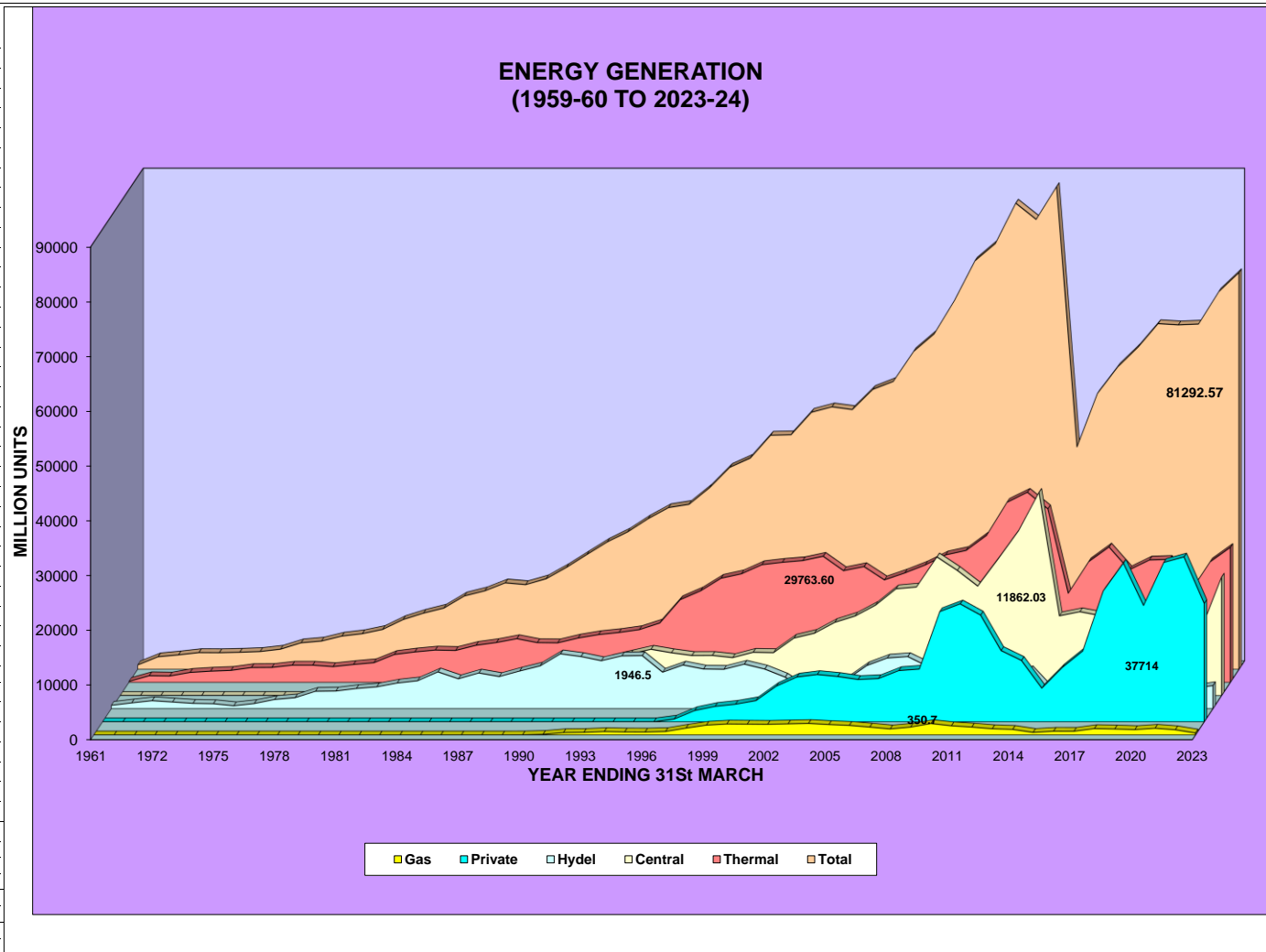


| YEAR | HYDEL | THERMAL | CENTRAL | PVT & OTHERS. | TOTAL |
|--------|---------|---------|---------|---------------|-----------|
| 59-60 | 124.00 | 89.00 | -- | -- | 213.00 |
| 63-64 | 126.00 | 114.00 | -- | -- | 240.00 |
| 66-67 | 151.60 | 259.00 | -- | -- | 410.60 |
| 70-71 | 271.60 | 337.00 | -- | -- | 608.60 |
| 74-75 | 271.60 | 620.00 | -- | -- | 891.60 |
| 78-79 | 841.60 | 840.00 | -- | -- | 1681.60 |
| 81-82 | 1043.20 | 1260.00 | -- | -- | 2303.20 |
| 82-83 | 1494.80 | 1247.50 | -- | -- | 2742.30 |
| 83-84 | 1659.80 | 1247.50 | 54.00 | -- | 2961.30 |
| 84-85 | 1971.40 | 1192.50 | 162.00 | -- | 3325.90 |
| 85-86 | 2182.42 | 1192.50 | 202.00 | -- | 3576.92 |
| 86-87 | 2411.42 | 1192.50 | 234.00 | -- | 3837.92 |
| 87-88 | 2431.21 | 1192.50 | 299.00 | -- | 3922.71 |
| 88-89 | 2431.21 | 1192.50 | 577.00 | -- | 4200.71 |
| 89-90 | 2431.21 | 1402.50 | 717.00 | -- | 4550.71 |
| 90-91 | 2461.21 | 1678.50 | 762.00 | -- | 4901.71 |
| 91-92 | 2462.21 | 1712.50 | 807.00 | -- | 4981.71 |
| 92-93 | 2524.21 | 1712.50 | 852.00 | -- | 5088.71 |
| 93-94 | 2605.21 | 2132.50 | 897.00 | -- | 5634.71 |
| 94-95 | 2667.21 | 2552.50 | 897.00 | 2.93 | 6119.64 |
| 95-96 | 2668.21 | 2552.50 | 897.00 | 45.60 | 6163.31 |
| 96-97 | 2668.21 | 2914.50 | 897.00 | 290.44 | 6770.15 |
| 97-98 | 2668.21 | 3224.50 | 885.00 | 495.14 | 7272.85 |
| 98-99 | 2668.21 | 3224.50 | 885.00 | 563.64 | 7341.35 |
| 99-2K | 2683.21 | 3224.50 | 942.50 | 654.10 | 7504.31 |
| 2K-01 | 2684.21 | 3224.50 | 1000.00 | 1065.20 | 7973.91 |
| 01-02 | 2984.21 | 2952.50 | 1500.00 | 1619.19 | 9055.90 |
| 02-03 | 3434.21 | 2962.50 | 2106.25 | 1825.89 | 10328.85 |
| 03-04 | 3586.36 | 2972.50 | 2212.50 | 1924.22 | 10695.58 |
| 04-05 | 3586.36 | 2992.50 | 2571.00 | 1955.85 | 11105.71 |
| 05-06 | 3586.36 | 2962.50 | 2616.94 | 1985.39 | 11151.19 |
| 06-07 | 3586.36 | 3172.50 | 2854.69 | 2382.76 | 11996.31 |
| 07-08 | 3627.36 | 3382.50 | 2963.22 | 2408.51 | 12381.59 |
| 08-09 | 3666.36 | 3382.50 | 2963.22 | 2415.17 | 12427.25 |
| 09-10 | 3705.36 | 4382.50 | 3048.54 | 3489.12 | 14625.52 |
| 10-11 | 3792.36 | 4592.50 | 2882.68 | 3735.50 | 15003.04 |
| 11-12 | 3829.50 | 5092.50 | 3837.95 | 3116.54 | 15876.49 |
| 12-13 | 3829.36 | 5092.50 | 3428.97 | 4038.47 | 16389.30 |
| 13-14 | 3829.36 | 5092.50 | 3501.40 | 4294.07 | 16717.33 |
| 14-15* | 1671.29 | 3148.15 | 1712.73 | 2996.83 | 9529.00 |
| 15-16 | 1671.29 | 3948.15 | 1795.95 | 5028.16 | 12443.55 |
| 16-17 | 1721.29 | 3948.15 | 1750.85 | 8456.13 | 15876.42 |
| 17-18 | 1797.60 | 5010.00 | 2330.55 | 8440.26 | 17578.41 |
| 18-19 | 1797.60 | 5010.00 | 2403.16 | 9266.44 | 18477.20 |
| 19-20 | 1797.60 | 5010.00 | 2529.81 | 10292.72 | 19630.126 |
| 20-21 | 1797.60 | 4850.00 | 1980.63 | 9105.73 | 17733.956 |
| 21-22 | 1773.60 | 4850.00 | 1980.51 | 9988.06 | 18592.166 |
| 22-23 | 1773.60 | 5640.00 | 1978.63 | 10439.26 | 19831.484 |
| 23-24 | 1773.60 | 6450.00 | 1989.26 | 10350.76 | 20563.616 |

* Figures indicate for residual AP



| Year | Hydel | Thermal | Gas | Pvt. | Central & Other States | Total |
|-------|-------|---------|------|-------|------------------------|-------|
| 1960 | 505 | 123 | - | - | - | 628 |
| 1961 | 610 | 174 | - | - | - | 784 |
| 1969 | 1059 | 1218 | - | - | - | 2277 |
| 1970 | 1460 | 1164 | - | - | - | 2624 |
| 1972 | 1221 | 1824 | - | - | - | 3045 |
| 1973 | 974 | 2053 | - | - | - | 3027 |
| 1974 | 910 | 2196 | - | - | - | 3106 |
| 1975 | 533 | 2709 | - | - | - | 3242 |
| 1976 | 941 | 2729 | - | - | - | 3670 |
| 1977 | 1680 | 3145 | - | - | - | 4825 |
| 1978 | 2002 | 3146 | - | - | - | 5148 |
| 1979 | 3180 | 2875 | - | - | - | 6055 |
| 1980 | 3225 | 3268 | - | - | - | 6493 |
| 1981 | 3680 | 3596 | - | - | - | 7276 |
| 1982 | 3984 | 5093 | - | - | - | 9077 |
| 1983 | 4684 | 5562 | - | - | - | 10246 |
| 1984 | 5092 | 5909 | - | - | 173 | 11174 |
| 1985 | 6716 | 5835 | - | - | 834 | 13385 |
| 1986 | 5453 | 6772 | - | - | 2095 | 14320 |
| 1987 | 6517 | 7282 | - | - | 1979 | 15778 |
| 1988 | 5865 | 7985 | - | - | 1605 | 15455 |
| 1989 | 6878 | 7263 | - | - | 2376 | 16517 |
| 1990 | 7802 | 7222 | 25 | - | 3550 | 18599 |
| 1991 | 10017 | 8102 | 109 | - | 2725 | 20953 |
| 1992 | 9516 | 8726 | 425 | - | 4595 | 23262 |
| 1993 | 8758 | 9114 | 473 | - | 6748 | 25093 |
| 1994 | 9633 | 9639 | 616 | - | 7612 | 27500 |
| 1995 | 9687 | 10842 | 552 | - | 8449 | 29530 |
| 1996 | 6662 | 15103 | 540 | - | 7814 | 30119 |
| 1997 | 7970 | 16720 | 627 | 505 | 7308 | 33130 |
| 1998 | 7245 | 19019 | 1249 | 2055 | 7321 | 36889 |
| 1999 | 7189 | 19834 | 1799 | 2820 | 6921 | 38563 |
| 2000 | 8132 | 21499 | 2006 | 3217 | 7897 | 42751 |
| 2001 | 7232 | 21934 | 1978 | 3869 | 7831 | 42844 |
| 2002 | 5757 | 22245 | 1951 | 6514 | 10484 | 46951 |
| 2003 | 3337 | 23033 | 2030 | 8169 | 11369 | 47937 |
| 2004 | 2941 | 20401 | 2109 | 8636 | 13356 | 47444 |
| 2005 | 5267 | 21145 | 1908 | 8280 | 14522 | 51123 |
| 2006 | 7873 | 18718 | 1753 | 7730 | 16501 | 52575 |
| 2007 | 9247 | 19994 | 1445 | 7897 | 19487 | 58070 |
| 2008 | 9510 | 21452 | 1101 | 9360 | 19822 | 61245 |
| 2009 | 7703 | 23294 | 1441 | 9633 | 25316 | 67387 |
| 2010 | 5450 | 24101 | 2087 | 20122 | 22851 | 74612 |
| 2011 | 7718 | 26846 | 1681 | 21534 | 19986 | 77764 |
| 2012 | 6376 | 32893 | 1448 | 19490 | 24953 | 85160 |
| 2013 | 3207 | 34730 | 1140 | 13018 | 30104 | 82198 |
| 2014 | 7143 | 31706 | 1016 | 11205 | 37120 | 88191 |
| 2015* | 3177 | 16285 | 467 | 6145 | 14553 | 40627 |
| 2016 | 2441 | 22044 | 682 | 9919 | 15301 | 50388 |
| 2017 | 2313 | 24729 | 674 | 12913 | 14601 | 55240 |
| 2018 | 2681 | 20562 | 1165 | 23874 | 10536 | 58818 |
| 2019 | 2680 | 22361 | 1091 | 28992 | 8018 | 63144 |
| 2020 | 3530 | 22470 | 981 | 21242 | 14698 | 62921 |
| 2021 | 3822 | 16430 | 1226 | 29109 | 12483 | 63070 |
| 2022 | 3698 | 22010 | 953 | 30110 | 12202 | 68973 |
| 2023 | 4217 | 24643 | 351 | 21627 | 21628 | 72465 |
| 2024 | 1947 | 29770 | 0 | 37714 | 11862 | 81293 |



* Figures indicate for residual AP

3529.6

7. TRANSMISSION & DISTRIBUTION

| 7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS | | | | | |
|---|-------------------------------------|---------------|--------------------------|-----------------|--|
| Sl.No | NAME OF THE SS/ DISTRICT | VOLTAGE in KV | TR. CAPACITY (NO. X MVA) | TOTAL MVA | Date of Commissioning |
| 400 KV SUBSTATIONS | | | | | |
| 1 | NARNOOR (Kurnool) | 400/220 | 2 x 315 | 630.00 | 06-03-2001 |
| 2 | KALPAKA (Vizag) | 400/220 | 3 x 315 | 945.00 | 27-01-2002 |
| 3 | VEMAGIRI (East Godavari) | 400/220 | 3X315+1X500 | 1445.00 | 27-09-2005 |
| 4 | MANUBOLU(Nellore) | 400/220 | 3 x 315 + 1x500 | 1445.00 | 18-12-2005 31-01-2016(3rd 315MVA) 24.03.2023 (500 MVA) |
| | | 220/132 | 3X100 | 300.00 | PTR-I(27-11-2009) PTR-I(24-02-2010) PTR-III(10-04-2015), |
| 5 | CHITTOOR | 400/220 | 3 x 315 | 945.00 | 17-2-2006 |
| 6 | SATTENAPALLY (Guntur) | 400/220 | 3x315 | 945.00 | 12-02-2014 |
| 7 | JAMMALAMADUGU(Kadapa) | 400/220 | 1x500+2x315 | 1130.00 | Bus charged on 29-06-2016 & ICT charged on 12-12-2016 & ICT -2 charged on 06/04/2017 |
| | | 220/132 | 1 x 160 | 160.00 | |
| 8 | URAVAKONDA (Ananthapur) | 400/220 | 2x315 +2x500 | 1630.00 | ICT I:15-07-2016 500MVA charged on 26-05-2017 ICT II:26/07/2016 |
| 9 | KAMAVARAPUKOTA (WG Dt) | 400/220 | 2 X 315 | 630.00 | Bus charged on 25-01-2017 ICI I:28-02-2017 ICT II:17-03-2017 |
| 10 | GHANI (Kurnool Dt) | 400/220 | 3 X 500 | 1500.00 | Bus Charged on 01-02-2017 ICT I:14-02-2017 |
| 11 | MARADAM(Garividi) (Vizianagaram Dt) | 400/220 | 2 x 315+500 | 1130.00 | SS charged on 15-03-2018 |
| 12 | KALIKIRI(Chittoor) | 400/220 | 2x315 | 630.00 | SS charged on 31-03-2018 |
| 13 | PODILI(Prakasam) | 400/220 | 3x315 | 945.00 | SS charged on 28-10-2018 |
| 14 | HINDUPUR(Ananthapur) | 400/220 | 4x315 | 1260.00 | SS charged on 10-10-2018 |
| 15 | THALARICHERUVU(Ananthapur) | 400/220 | 3x315 | 945.00 | SS charged on 17-12-2018 |
| 16 | RACHGUNNERI | 400/220 | 2x315+1x160+1x100 | 890.00 | SS charged on 15-09-2020 |
| 17 | Guddigudem(West Godavari) | 400/220 | 2x315 | 630.00 | Bus charged on 07.01.2023. ICT -I & II charged on 21.04.2023 |
| | | | Total MVA | 18135.00 | |
| 220 KV SUBSTATIONS | | | | | |
| SRIKAKULAM | | | | | |
| 1 | TEKKALI | 220/132 | 3x100 | 300.00 | 31-12-2007 |
| | | 132/33 | 2x31.5 | 63.00 | 28-12-1983 |
| 2 | PYDIBHIMAVARAM | 220/132 | 1x160+1x100 | 260.00 | 17.05.2021 |
| | | 132/33 | 1x31.5 | 31.50 | 17.05.2021 |
| VIZIANAGARAM | | | | | |
| 3 | 1.GARIVIDI | 220/132 | 1x160+2 x100 | 360.00 | 5-3-1992 |
| | | 132/33 | 2x31.5 | 63.00 | |
| 4 | 2.APPAYADORAPALEM Swtn.Station | ** | ** | 0.00 | 15-10-2015 |
| 5 | 3.BOBBILI Growth Center | 220/132 | 3x100 | 300.00 | 13-11-2015 |
| | | 132/33 | 1x31.5+1x16 | 47.50 | 21.07.2021 |
| VISAKHAPATNAM | | | | | |
| 6 | 1.GAJUWAKA | 220/132 | 2 X 160+1x100 | 420.00 | 26-07-1968 |
| | | 132/33 | 2 X50 | 100.00 | |
| 7 | 2.VISAKHAPATNAM | 220 | SW. STN. | 0.00 | 20-06-1991 |
| 8 | 3.PENDURTHY | 220/132 | 2x160+1 x 100 | 420.00 | 30-03-1993 |
| | | 132/33 | 2x31.5 | 63.00 | 05.06.1993 |
| 9 | 4. DAIRY FARM | 220/132 | 2X100 | 200.00 | 18-11-2002 |
| | | 132/33 | 3x50 | 150.00 | |

| 7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS | | | | | |
|---|--------------------------|---------------|--------------------------|-----------|--|
| Sl.No | NAME OF THE SS/ DISTRICT | VOLTAGE in KV | TR. CAPACITY (NO. X MVA) | TOTAL MVA | Date of Commissioning |
| 10 | 5. PARWADA | 220/132 | 3X100 | 300.00 | 29.03.2004 |
| | | 132/33 | 1x80+3x50 | 230.00 | 29.03.2004 |
| 11 | 6.BRANDIX (Achutapuram) | 220/132 | 3X100 | 300.00 | 21-11-2007 |
| | | 132/33 | 2x50+1x16 | 116.00 | 19-06-2008 |
| 12 | 7.GANGAVARAM(PORT) | 220/33 | 2 x 31.5 | 63.00 | 11-12-2008 |
| | | 220/132 | 2x100 | 200.00 | 21-03-2016 |
| | | 132/33 | 1x31.5+1x25 | 56.50 | 23-01-2018 |
| 13 | 8.ANRAK | 220/132 | SWS | 0.00 | 5-2-2012 |
| 14 | 9.SIMHACHALAM | 220/132 | 2x100 | 200.00 | 18.02.2021 |
| EAST GODAVARI | | | | | |
| 15 | 1.BOMMURU | 220/132 | 2x160+1 X 100 | 420.00 | 14-08-1976 |
| | | 132/33 | 2X50+2X25 | 150.00 | |
| 16 | 2. KAKINADA | 220/132 | 1x160 + 2x100 | 360.00 | 25-09-1997 |
| | | 132/33 | 1x80+1x50 | 130.00 | |
| 17 | 3.SAMARLAKOTA | 220/132 | 2x160+1x100 | 420.00 | 29-09-2001 31-3-2008 |
| 18 | 4.RAMPACHODAVARAM | 220/33 | 1X50+1x31.5 | 81.50 | 29-05-2003 |
| 19 | 5.BAVOJIPETA(KORUKONDA) | 220 KV | 1x50 | 50.00 | 17-11-2017 |
| 20 | 6.RAMAVARAM LIS | 220/11 | 2x50 | 100.00 | 17-11-2017 |
| | RAMAVARAM | 220/132 | 2x100 | 200.00 | 17-05-2020/22-03-2021 |
| | | 132/33 | 2x31.5 | 63.00 | 18-05-2020/22-03-2021 |
| 21 | 7.PURSHOTHAPATNAM | 220/33 | 2x50 | 100.00 | 17-12-2017 |
| 22 | 8. Chinturu | 220/33 | 1x50 | 50.00 | 01.08.2022 |
| WEST GODAVARI | | | | | |
| 23 | 1.BHIMADOLE | 220/132 | 1 X 100+2x160 | 420.00 | 13-01-1990 |
| | | 132/33 | 1x80+2x50 | 180.00 | |
| 24 | 2.NIDADAVOLU | 220/132 | 2 X 100+1x160 | 360.00 | 07-03-1999 |
| 25 | 3.BHIMAVARAM (UNDI) | 220/132 | 3x160 | 480.00 | 02-02-2007 |
| | | 132/33 | 2x50+2x31.5 | 163.00 | |
| 26 | 4.KAMAVARAPUKOTA | 220/132 | 2x160+2x100 | 520.00 | 28-03-2007 |
| 27 | 6.PALLANTLA | 220/132 | 1x100 | 100.00 | SS charged on30-10-2015 & PTRs charged on 01.03.2021 |
| | | 132/33 | 2x31.5 | 63.00 | |
| 28 | 7.DUVVA | 200/132/33 | 2x100 | 200.00 | 27-05-2018 |
| | | 132/33 | 2x31.5 | 63.00 | |
| 29 | 8.AKIVEEDU | 220/33 | 1x80+1x50 | 130.00 | 28.05.2021 50MVA PTR charged on 31.10.2022 |
| 30 | 9. PATTISEEMA | 220/33 | 2x50 | 100.00 | 05.06.2023 |
| KRISHNA | | | | | |
| 31 | 1.GUNADALA (VJW) | 220/132 | 1 X 100 +2x160 | 420.00 | 1970-1971 |
| | | 132/ 33 | 1x80+2x 50 | 180.00 | |
| 32 | 2.KONDAPALLY (VJW) | 220/132 | 1 X 100 +2x160 | 420.00 | 30-09-1989 |
| | | 132/ 33 | 2x31.5+1x50 | 113.00 | 27-04-2013 |
| 33 | 3.NUNNA | 220/132 | 2X100 | 200.00 | 20-01-1992/ 29-03-2010 |
| | | 132/ 33 | 2x50+1x31.5 | 131.50 | 13-04-2018 |
| 34 | 4.CHILLAKALLU | 220/132 | 3 X 100 | 300.00 | 12-03-1997 |
| | | 132/33 | 2x31.5+1x10/16 | 79.00 | 15-02-2010 |
| 35 | 5. GUDIVADA (KRISHNA) | 220/132 | 2 X160+1X100 MVA | 420.00 | 38439 |
| | | 132/33 | 3X50MVA | 150.00 | 29-03-2006 |
| 36 | 6.NUZIVIDU | 220/132 | 2x100+1X160 | 360.00 | 20-09-2018 |
| | | 132/33 | 4x50 | 200.00 | 28731 |
| 37 | 7.Tiruvuru | 220/132KV | 1 x 31.5MVA | 31.50 | 02.12.2021 |

| 7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS | | | | | |
|---|------------------------------|------------------|-----------------------------|--------------|---|
| Sl.No | NAME OF THE SS/ DISTRICT | VOLTAGE in KV | TR. CAPACITY (NO. X MVA) | TOTAL MVA | Date of Commissioning |
| GUNTUR | | | | | |
| 38 | 1.GUNTUR (TADIKONDA) | 220/132 | 1x160+3 X 100 | 460.00 | 31-03-1992 |
| | | 132/33 | 3x50 | 150.00 | |
| 39 | 2.TALLAPALLI | 220 | SW. STN. | 0.00 | 17-07-1985 |
| 40 | 3.RENTACHINTALA | 220/132 | 3X100 | 300.00 | 24-11-2008 |
| | | 132/33 | 2x16 + 1 x 15 | 47.00 | 22-12-2017 |
| 41 | 4.NARASARAOPET | 220/132 | 3X100 | 300.00 | 03-11-2009/ 25-01-2010 |
| | | 132/33 | 3X31.5 | 94.50 | 02-02-2003 |
| 42 | 5.PRATHIPADU | 220/132 | 1x160+2x100 | 360.00 | 22-04-2019 |
| 43 | 6. PIDUGURALLA (Upgradation) | 220/132 | 2X160 | 320.00 | 24.02.2023 |
| | | 132/33 | 1X50+2X31.5 | 113.00 | 30-03-1984 |
| PRAKASHAM | | | | | |
| 44 | 1.ONGOLE | 220/132 | 2x160+1x100 | 420.00 | 21-8-1980 |
| | | 132/33 | 3x50 | 150.00 | 17-7-2009 |
| 45 | 2.PODILI | 220/33 | 2x31.5+1x50 | 113.00 | 30-03-1994 (Sw.Stt)/ 24-10-2005(SS) |
| | | 220/132 | 2x100 | 200.00 | 22-07-2014 |
| 46 | 3.MARKAPUR | 220/132 | 1x160+2 X 100 | 360.00 | 26-08-2001 |
| | | 132/33 | 2x31.5 | 63.00 | 6-1-2006 |
| 47 | 4.PARCHUR | 220/132 | 1x160+2x100 | 360.00 | 17-05-2010 |
| | | 132/33 | 1x31.5+1X16 | 47.50 | 23-08-1999 |
| 48 | 5. KANDUKURU | 220/132 | 2x100 | 200.00 | 30-06-2018 |
| NELLORE | | | | | |
| 49 | 1.NELLORE | 220/132 | 3x160 | 480.00 | 11-12-1976 |
| | | 132/ 33 | 3x50 | 150.00 | |
| 50 | 2.SULLURPET | 220/132 | 3 X 100 | 300.00 | 01-05-1982 |
| | | 132/ 33 | 2x50 | 100.00 | |
| 51 | 3. RACHARLA PADU | 220/132 | 2x100 | 200.00 | 06-06-2018 |
| | | 132/33 | 2x31.5 | 63.00 | |
| 52 | 4. ATMAKUR | 220/132 | 2x100 | 200.00 | 22-02-2019 |
| 53 | 5.NAIDUPET | 220/132 | 2x100 | 200.00 | 19.08.2020 |
| | | 132/33 | 2x80+1x50 | 210.00 | 19.08.2020 |
| CHITTOOR | | | | | |
| 54 | 1.CHITTOOR | 220/132 | 1x160 + 2 X100 | 360.00 | 21-06-1970 |
| | | 132/33 | 3 x 50 | 150.00 | |
| 55 | 2.KALIKIRI | 220/132 | 3 X100 | 300.00 | 14-08-1991 |
| | | 132/33 | 2 x 31.5+1x50 | 113.00 | |
| 56 | 3.RENIGUNTA | 220/132 | 1x160 + 2 X100 | 360.00 | 25-11-1995 |
| | | 132/33 | 3x31.5 | 94.50 | |
| 57 | 4.PALAMANERU | 220/132 | 1x100+1x160 | 260.00 | 22-10-2011 |
| | | 132/33 | 1x80+1x50 | 130.00 | 22-10-2011 |
| 58 | 5.NAGIRI | 220/132 | 3x100 | 363.00 | 15-10-2012 |
| | | 132/33 | 2x31.5 | | (30-3-1994) |
| 59 | 6.THIMMAPURAM LIS | 220/132 | 1X100 | 100.00 | 16-12-2015 |
| | | 132/33 | 2x31.5 | 63.00 | |
| 60 | 7.KUPPAM | 220/132 | 2 X 100 | 200.00 | 30-03-2017 |
| 61 | 8.MADANAPALLI (LIS) | 220/132 | 2 X 100 | 200.00 | 11-12-2017 |
| ANANTHAPUR | | | | | |
| 62 | 1.GOOTY | 220/132 | 2x160 | 320.00 | 20-08-1975 |
| | | 132/33 | 2x31.5 | 63.00 | |
| 63 | 2.GOOTY | 220 | SW. STN | 0.00 | 20-05-1991 |
| 64 | 3.ANANTAPUR | 220/132 | 3x100 | 300.00 | 31-03-1995 |
| | | 132/33 | 1x80+2x50+1x31.5 | 211.50 | |
| 65 | 4.HINDUPUR | 220/132 | 1x160+2x100 | 360.00 | 29-03-1993 |
| | | 132/33 | 1x80+2x50 | 180.00 | |
| 66 | 5.RAMAGIRI | 220/33 | 1X50+1x31.5 | 81.50 | 17-10-1995 |

| 7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS | | | | | |
|---|--------------------------|---------------|--------------------------|-----------------|---|
| Sl.No | NAME OF THE SS/ DISTRICT | VOLTAGE in KV | TR. CAPACITY (NO. X MVA) | TOTAL MVA | Date of Commissioning |
| 67 | 6.TADIPATHRI | 220/132 | 2x100 | 200.00 | 29-7-2002 |
| | | 132/33 | 2x50+1x31.5 | 131.50 | |
| 68 | 7.KALYANDURG | 220/132 | 3x100 | 300.00 | 21-07-2007 |
| | | 132/33 | 3X50 | 150.00 | 29-12-1986 |
| 69 | 8.BOYAREDDYPALLI | 220 | SW.STN | 0.00 | 21-01-2008 |
| 70 | 9.REGULAPADU(LIS) | 220/11 | 3X25 | 75.00 | 07-06-2011 |
| 71 | 10.RTSS (Gooty) | 220/132 | SW. STN | 0.00 | 30-3-2012 |
| 72 | 11.YELLANUR LIS | 220/11 | 2x25 | 50.00 | 27-3-2014 |
| 73 | 12.VAJRAKARUR | 220/132 | 1x100 | 100.00 | 14-07-2016 |
| 74 | 13.BOKSAMPALLI | 220/132 | 2x100 | 200.00 | 11-04-2016 |
| | | 132/33 | 3x31.5 | 94.50 | |
| 75 | 14.SUBBARAYUNIPALLI | 220/33 | 2X50 | 100.00 | 11-05-2016 |
| 76 | 15.GOLLAPURAM | 220/132 | 3x100 | 300.00 | 42730 |
| | | 132/33 | 1x50+1x31.5 | 81.50 | |
| 77 | 16.BORAMPALLI | 220/132 | 1X100 | 100.00 | 01-06-2017 |
| 78 | 17. SHAPURAM | 220 | SWS | 0.00 | 5-5-2012 |
| 79 | 18.GADDAMVARIPALLI | 220/11 | 2x25 | 50.00 | 4-2-2017 |
| 80 | 19.GUDDUMARRI LIS | 220/11 | 2x50 | 100.00 | 2-5-2017 |
| 81 | 20. AMMAVARIPALLI | 220/33 | 3x50 | 150.00 | 7-24-2019 |
| 82 | 21.Muthyalacheruvu | 220/132 | 2X100 | 200.00 | 27.02.2023 |
| 83 | 22. Pamapanurthanda | 220/132 | 1x160 | 160.00 | Idle charged on 18.05.2023. PTR charged on 15.12.2023 |
| 84 | 23. Gorantla (Penukonda) | 220/132 | | | Idle charged 30.12.2023 |
| KADAPA | | | | | |
| 85 | 1.KADAPA | 220/132 | 1X160+2X100 | 360.00 | 24-05-1970 |
| | | 132/33 | 2x50 | 100.00 | |
| 86 | 2.CHINAKAMPALLY | 220/132 | 1x100 +1x 160 | 260.00 | 19-01-1986 |
| 87 | 3.MYDUKUR | 220/33 | 1X50+2x31.5 | 113.00 | 31-03-1992 |
| 88 | 4.RAJAMPETA | 220/132 | 2x100 | 200.00 | 28-03-1993 |
| | | 220/33 | 0 | 0.00 | |
| | | 132/33 | 3X31.5 | 94.50 | |
| 89 | 5.YERRAGUNTLA | 220/132 | 3 X 100 | 300.00 | 24-10-1993 |
| | | 132/33 | 2x31.5+1x16 | 79.00 | |
| 90 | 6.KODURU | 220/33 | 2 x 31.5+1x50 | 113.00 | 15-06-1997 |
| 91 | 7.PULIVENDULA | 220/132 | 3X100 | 300.00 | 19-11-2009 |
| | | 132/33 | 2x16 | 32.00 | 09-03-2011 |
| 92 | 8.THIMMAPURAM | 220/11 | 2x25 | 50.00 | 07-03-2012 |
| 93 | 9.KONDAPURAM | 220/132 | 2x100 | 200.00 | 13-08-2012 |
| | | 132/33 | 2x31.5 | 63.00 | |
| 94 | 10.PORUMAMAILLA | 220/132 | 2X100 | 200.00 | 31-03-2017 |
| 95 | 11.CHAKRAYAPET | 220/132 | 2x100 | 200.00 | 19-05-2018 |
| | | 132/33 | 1x31.5+1x16 | 47.50 | |
| 96 | 12.TIRUMALAYAPALLI | 220/132 | 2x160 | 320.00 | 22-01-2020 |
| KURNOOL | | | | | |
| 97 | 1.A.P CARBIDES | 220/132 | 2X160+1X100 | 420.00 | 19-03-1989 |
| | | 132/33 | 2X31.5 | 63.00 | |
| 98 | 2.SOMAYAJULAPALLI | 220 | Sw.Stn | 0.00 | 28-03-1995 |
| 99 | 3.NANDYALA | 220/132 | 1x160+2 X 100 | 360.00 | 31-03-1995 |
| | | 132/33 | 3X50 | 150.00 | |
| 100 | 4.BRAHMANAKOTKUR(LIS) | 220/11 | 3x25 | 75.00 | 29-10-2010 |
| 101 | 5.MALYALE(LIS) | 220/11 | 4X31.5 | 126.00 | 06-01-2011 |
| 102 | 6.DHONE(LIS) | 220 | SW.STN | 0.00 | 28-07-2011 |
| 103 | 7. BILAKALAGUDUR | 220 | SW.STN | 0.00 | 28.3.2017 |
| 104 | 8.KHAMBALPADU(LIS) | 220/11 | 3X25 | 75.00 | 30-08-2011 |
| 105 | 9.LAKKASAGARAM(LIS) | 220/11 | 3X25 | 75.00 | 12-10-2011 |
| 106 | 10.KRISHNAGIRI(LIS) | 220/11 | 3X25 | 75.00 | 22-10-2011 |
| | | 220/33 | 1x50 | 50.00 | |
| 107 | 11.SETTIPALLY(LIS) | 220/11 | 3X25 | 75.00 | 18-11-2011 |
| 108 | 12.NANSURULLA(LIS) | 220/11 | 3X25 | 75.00 | 18-11-2011 |
| | | 220/33 | 1x80 | 80.00 | 03-12-2011 |
| 109 | 13.MACHUMARRI(LIS) | 220/11 | 1X25+2X31.5 | 88.00 | 29-04-2017 |
| * | Srisailam | 220KV | 1x160 | 160.00 | 1 No. 100 MVA,220/132 KV PTR at 220 KV Srisailam being maintained by AP Transco commissioned on 22-07-2014 . Not included |
| Total MVA | | | | 29844.00 | |

7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS

| SI.No | NAME OF THE SS/ DISTRICT | VOLTAGE in KV | TR. CAPACITY (NO. X MVA) | TOTAL MVA | COMMISSIONING/ COMPLETION |
|---------------------------|---|------------------|-----------------------------|--------------|------------------------------|
| 132kV Sub-Stations | | | | | |
| SRIKAKULAM | | | | | |
| 1 | 1.CHILAKAPALEM (Srikakulam) | 132/33 | 1x50+1x31.5 | 81.50 | 8-12-1989 |
| 2 | 2.PALASA | 132/33 | 1x31.5+1 x 16 | 47.50 | 30-09-1993 |
| 3 | 3.PALAKONDA | 132/33 | 2X31.5 | 63.00 | 31-03-1994 |
| 4 | 4.ICHAPURAM | 132/33 | 2 x 16 | 32.00 | 31.12.2005 |
| 5 | 5.PATHAPATNAM | 132/33 | 2 x 16 | 32.00 | 25-10-2006 |
| 6 | 6.PYDIBHEMAVARAM | 132/33 | 2x50 | 100.00 | 18-06-2010 |
| 7 | 7.NARASANNAPET | 132/33 | 2X31.5 | 63.00 | 29-6-2012 |
| 8 | 8.RAJAM | 132/33 | 2X16 | 32.00 | 02-07-2016 |
| 9 | 9.SRIKAKULAM TOWN | 132/33 | 1X31.5+1X16 | 47.50 | 24-11-2017 |
| 10 | 10.PONDUR | 132/33 | SWS | 0.00 | 10-10-2001 |
| VIZIANAGARAM | | | | | |
| 11 | 1. T.B. VARA | 132/33 | 2x16 | 32.00 | 23-11-1981 |
| 12 | 2. BOBBILI | 132/33 | 1x50+1x31.5 | 81.50 | 27-03-1987 |
| 13 | 3. VIZIANAGARAM (Vontithadi) | 132/33 | 2x50 | 100.00 | 31-03-1992 |
| 14 | 4.KOTHAVALASA | 132/33 | 1x31.5+1x16 | 47.50 | 29-08-1999 |
| 15 | 5. GOLD STAR Switching Station | 132 | SWS | 0.00 | 16-6-1994 |
| 16 | 6. PARVATHIPURAM | 132/33 | 2x31.5 | 63.00 | 29-12-2017 |
| 17 | 7. GARBHAM | 132/33 | 1x31.5+1x15 | 46.50 | 31-03-2018 |
| 18 | 8.SALUR | 132/33 | 1x31.5 + 1x16 | 47.50 | 16-6-1994 |
| 19 | 9. MOR | 132/33 | | 0.00 | 08-10-2018 |
| 20 | 10. G.Chodavaram | 132/33 | 2x31.5 | 63.00 | 07-08.2020 |
| VISAKHAPATNAM | | | | | |
| 21 | 1. Simhachalam | 132/33 | 3x31.5+1x16 | 110.50 | 05.08.1955 |
| 22 | 2.COMMON POINT | 132/33 | 1 x 50+1 x 31.5 | 81.50 | 7-8-1987 |
| 23 | 3.KORUPROLU | 132/33 | 2x50 | 100.00 | 19-10-1986 |
| 24 | 4.ARAKU | 132/33 | 1 x15+1x16 | 31.00 | 9-12-1982 |
| 25 | 5.VIZAG PORT | 132/33 | 2 x 31.5 | 63.00 | 25-11-1990 |
| 26 | 6.NAWAL WHARF | 132/33 | 2 x 16 | 32.00 | 29-01-1988 |
| 27 | 7.KASIMKOTA | 132/33 | 3 x 31.5 | 94.50 | 27-10-1993 |
| 28 | 8.PAYAKARAOPETA | 132/33 | 2x50 | 100.00 | 14-10-1992 |
| 29 | 9.NAKKAVANIPALEM | 132/33 | 1x80+1 x 50 | 130.00 | 30-12-1993 |
| 30 | 10.ANANDAPURAM | 132/33 | 3x31.5 | 94.50 | 12-6-2002 |
| 31 | 11. DGNP | 132 | Sw.St. | Sw.St. | 19-12-2003 |
| 32 | 12. VSEZ | 132/33 | 2x31.5 | 63.00 | 03-06-2010 |
| 33 | 13.NARSIPATNAM | 132/33 | 1x31.5+1x16+1x15 | 62.50 | 30-10-2015 |
| 34 | 14.NARASINGABILLI | 132/33 | 2 X 16 | 32.00 | 30-06-2016 |
| 35 | 15.MALKAPURAM | 132/33 | 1 X 16+1x31.5 | 47.50 | 19-10-2016 |
| 36 | 16.CHODAVARAM | 132/33 | 1 X 16+1x31.5 | 47.50 | 31-03-2018 |
| 37 | 17.PEDA WALT AIR (Hybrid GIS) | 132/33 | 2x31.5 | 63.00 | 31-07-2018 |
| 38 | 18. PADERU | 132/33 | 1x16+1x15 | 31.00 | 5-10-2019 |
| EAST GODAVARI | | | | | |
| 39 | 1.PEDDAPURAM | 132/33 | 3 x 31.5 | 94.50 | 1965-1966 |
| 40 | 2.RAMACHANDRAPURAM | 132/33 | 1x50+2 x 31.5 | 113.00 | 18-09-1981 |
| 41 | 3.AMALAPURAM | 132/33 | 1x50+2 x 31.5 | 113.00 | 11-7-1988 |
| 42 | 4.A.P PAPER MILLS (RJY) (Mallavapet) | 132/33 | 2x50+1x31.5 | 131.50 | 1-1-1989 |
| 43 | 5.PRATHIPADU | 132/33 | 2x31.5 | 63.00 | 31-03-1993 |
| | | 132/11 | 1x16 | 16.00 | |

7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS

| SI.No | NAME OF THE SS/ DISTRICT | VOLTAGE in KV | TR. CAPACITY (NO. X MVA) | TOTAL MVA | COMMISSIONING/ COMPLETION |
|-------|--|------------------|-----------------------------|--------------|---|
| 44 | 6.RAZOLE | 132/33 | 1x50+1x31.5 | 81.50 | 29-01-2001 |
| 45 | 7.RAJAGANARAM | 132/33 | 1x50+1x31.5 | 81.50 | 25-09-2009 |
| 46 | 8.EDITHA | 132/33 | 1x50+1x31.5 | 81.50 | 30-07-2010 |
| 47 | 9. PITAPURAM | 132/33 | 1x50+1x31.5 | 81.50 | 31-08-2013 |
| 48 | 10.KOTHAPETA | 132/33 | 1x50+1x31.5 | 81.50 | 20-09-2013 |
| 49 | 11.PRATAPNAGAR | 132/33 | 2X31.5+1X50 | 113.00 | 21-11-2013 |
| 50 | 12.Konda Guntur (RVK Switching Station) | 132/33 | 2X31.5 | 63.00 | 07-01-2015 |
| 51 | 13.Silk Road at Kakinada (132KV Silk Road Sugars Switching Station) | 132/33 | 1X25+x31.5 | 56.50 | 9-12-2015 2nd PTR Charged on 03-11-2016 |
| 52 | 14.BICCAVOLU | 132/33 | 1 X 31.5+1X25+1X16 | 72.50 | 20-11-2016 |
| 53 | 15.GOLLAPALEM | 132/33 | 2X31.5 | 63.00 | 28-11-2019 |
| 54 | 16.MOMMIDIVARAM | 132/33 | 2X31.5 | 63.00 | 02-07-2020 |
| | WEST GODAVARI | | | | |
| 55 | 1.KAMAVARAPU KOTA | 132/33 | 2x50+2x31.5 | 163.00 | 30-01-1981 |
| 56 | 2.BHIMAVARAM | 132/33 | 1x80 + 2x 50 | 180.00 | 11-1986 |
| 57 | 3.KOVVURU | 132/33 | 1x50 +1x31.5 | 81.50 | 31-12-1990 |
| 58 | 4.TANUKU | 132/33 | 1 x 31.5+1 x 25+1x50 | 106.50 | 13-10-1992 |
| 59 | 5.JANGAREDDYGUDEM | 132/33 | 3x50 | 150.00 | 31-01-1993 |
| 60 | 6.PEDATADEPALLI | 132/33 | 3x50 | 150.00 | 29-03-1993 |
| 61 | 7.ELURU | 132/33 | 1x50+1x80 | 130.00 | 08-12-1992 |
| 62 | 8.NARSAPURAM | 132/33 | 1x50+1x80 | 130.00 | 29-09-1999 |
| 63 | 9.SAGGONDA | 132/33 | 2x31.5+1 x 16 | 79.00 | 19-03-2004 |
| 64 | 10. CHINTALAPUDI | 132/33 | 1x50+1x80 | 130.00 | 08-03-2005 |
| 65 | 11.NALLAJERLA | 132/33 | 1x80 + 1x50 | 130.00 | 29-12-2005 |
| 66 | 12.PEDAVEGI | 132/33 | 1x50+2x31.5 | 113.00 | 10-03-2006 |
| 67 | 13.NIDADAVOLU | 132/33 | 3X50 | 150.00 | 30-11-1967 |
| 68 | 14.PENUGONDA | 132/33 | 2X31.5 | 63.00 | 26-06-2014 |
| 69 | 15.YERNAGUDEM | 132/33 | 2X31.5 | 63.00 | 28-12-2017 |
| 70 | 16.DWARAKA TIRUMALA | 132/33 | 2x31.5 | 63.00 | 31-12-2021. 2nd 31.5MVA PTR Charged on 13.05.2022. |
| 71 | 17.Narayanapuram | 132/33 | 2x31.5 | 63.00 | 22.12.2022 |
| 72 | 18. T.Narasapuram | 132/33 | 2x31.5 | 63.00 | 28.08.2023 |
| | KRISHNA | | | | |
| 73 | 1.KANUMOLU | 132/33 | 1 x 31.5+2x50 | 131.50 | 05-03-1978 |
| 74 | 2.PAMARRU | 132/33 | 2x50 | 100.00 | 05-04-1978 |
| 75 | 3.MACHILIPATNAM | 132/33 | 3x50 | 150.00 | 17-12-1993 |
| 76 | 4.VIJAYAWADA (VJW) | 132/33 | 3x50 | 150.00 | 28-01-1994 |
| 77 | 5.GANGOOR | 132/33 | 2x50 | 100.00 | 30-12-2000 |
| 78 | 6. BHAVANIPURAM | 132/33 | 1x50+1x31.5 | 81.50 | 31-07-2016 |
| 79 | 7. KHAMBAMPADU | 132/33 | 2x31.5+ 1x50 | 113.00 | 08-07-2004 |
| 80 | 8.NANDIGAMA | 132/33 | 1x50+1x31.5 | 81.50 | 09-08-2006 |
| 81 | 9.AVANIGADDA | 132/33 | 2 x 31.5 | 63.00 | 31-03-2010 |
| 82 | 10.AUTO NAGAR | 132/33 | 1x80+1x50 | 130.00 | 21-05-2013 |
| 83 | 11.CHIGURUKOTA | 132/33 | 3X50 | 150.00 | 10-04-2016 |
| 84 | 12.RANGANNAGUDEM | 132/33 | 2 x 31.5 | 63.00 | 21-11-2016 |
| 85 | 13.NARSAPURAM | 132/33 | 2 x 31.5 | 63.00 | 23.08.2021 |
| 86 | 14.Moghalrajpuram GIS | 132/33 | 2X31.5 | 63.00 | 09-02-2022 |

7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS

| SI.No | NAME OF THE SS/ DISTRICT | VOLTAGE in KV | TR. CAPACITY (NO. X MVA) | TOTAL MVA | COMMISSIONING/ COMPLETION |
|-------|----------------------------|------------------|-----------------------------|--------------|---|
| | GUNTUR | | | | |
| 87 | 1.GUNTUR | 132/33 | 2 x 80+1x50 | 210.00 | 28-02-1977 |
| 88 | 2.TADEPALLI | 132/33 | 1x50+2x31.5 | 113.00 | 31-03-1970 |
| 89 | 3.BAPATLA | 132/33 | 2x31.5+1 x 16 | 79.00 | 29-11-1978 |
| 90 | 4.MACHERLA | 132/33 | 2x50+1x31.5 | 131.50 | 29-12-1975 |
| 91 | 5.CHILAKALURIPETA | 132/33 | 3x50 | 150.00 | 27-12-1987 |
| 92 | 6.TENALI | 132/33 | 2x50+1X31.5 | 131.50 | 20-08-1993 |
| 93 | 7.REPALLE | 132/33 | 2x50+1x31.5 | 81.50 | 30-12-1993 |
| 94 | 8.VINUKONDA | 132/33 | 2x31.5+1x50 | 113.00 | 30-08-1999 |
| 95 | 9.NALLAPADU | 132/33 | 3X31.5 | 94.50 | 17-08-2008 |
| 96 | 10.MARRIPALEM | 132/33 | 3X31.5 | 94.50 | 24-01-2009 |
| 97 | 11.TANGEDA | 132/33 | 3X16 | 48.00 | 26-08-2010 (28-12-2012) |
| 98 | 12.KARAMPUDI | 132/33 | 3X31.5 | 94.50 | 19-07-2010 |
| 99 | 13. RENTAPALLA | 132/33 | 2x31.5+1x16 | 79.00 | 27-06-2013 |
| 100 | 14.GAJJANAGUNDLA | 132/33 | 3X31.5 | 94.50 | 31-07-2013 |
| 101 | 15.CHAKRAYAPALEM | 132/33 | 1X16+2x31.5 | 79.00 | 28-03-2016 |
| 102 | 16.YADAVALLI | 132/33 | 1x31.5+1X15 | 46.50 | 29-03-2018 |
| 103 | 17. PONNURU | 132/33 | 2x31.5 | 63.00 | 23-07-2018 |
| 104 | 18. UPPALAPADU (VELDURTHY) | 132/33 | 2X10/16+1X31.5 | 63.50 | 28-07-2018 |
| 105 | 19. AIIMS, MANGALAGIRI | 132/33 | 2x31.5 | 63.00 | 13-11-2020 |
| | PRAKASHAM | | | | |
| 106 | 1.ONGOLE | 132/33 | 1X16+1x31.5 | 47.50 | 1963-1964 |
| 107 | 2.CUMBUM | 132/33 | 1 X 16+2x31.5 | 79.00 | 27-02-1974 |
| 108 | 3.KANIGIRI | 132/33 | 1X31.5+1x50 | 81.50 | 25-07-1990 |
| 109 | 4.CHIRALA | 132/33 | 3 X31.5 | 94.50 | 13-06-1993 |
| 110 | 5.ERRAGONDAPALEM | 132/33 | 2x50 | 100.00 | 31-03-1994 |
| 111 | 6. KANDUKUR | 132/33 | 1x31.5+1 X 50 | 81.50 | 29-05-1996 |
| 112 | 7.GIDDALUR | 132/33 | 2x31.5 | 63.00 | 13-08-1997 |
| 113 | 8.MEDARAMETLA | 132/33 | 2x31.5 + 1 x 50 | 113.00 | 19-03-2001 |
| 114 | 9.PEDDADORNALA | 132/33 | 2x16 | 32.00 | 31-03-2008 |
| 115 | 10.INKOLLU | 132/33 | 2 X 10/16 | 32.00 | 31-03-2008 Trs charged on 26-11-2016 |
| 116 | 11.MARTUR | 132/33 | 1x50+2x31.5 | 113.00 | 02-10-2008 |
| 117 | 12.PAMURU | 132/33 | 1X31.5+1x16 | 47.50 | 18-07-2010 |
| 118 | 13.TANGUTURU | 132/33 | 2x31.5 | 63.00 | 31-3-2012 |
| 119 | 14.ADDANKI | 132/33 | 2x31.5+1X16 | 79.00 | 11-01-2014 |
| 120 | 15.LINGASAMUDRAM | 132/33 | 1x31.5 + 2x16 | 63.50 | 5-09-2014 |
| 121 | 16.DARSI | 132/33 | 2x31.5 + 1 x 50 | 113.00 | 24-09-2014 |
| 122 | 17.KESINENIPALLY | 132/33 | 2X31.5+1X16 | 79.00 | 23-06-2015 08-10-2015 |
| 123 | 18.ANUMALAPALLI | 132/33 | 1x31.5 + 1x10/16 | 47.50 | 27-11-2019 |
| 124 | 19. ULAVAPADU | 132/33 | 1x31.5 | 31.50 | 23.01.2024 |

7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS

| SI.No | NAME OF THE SS/ DISTRICT | VOLTAGE in KV | TR. CAPACITY (NO. X MVA) | TOTAL MVA | COMMISSIONING/ COMPLETION |
|-------|---|---------------|--------------------------|-----------|----------------------------|
| | NELLORE | | | | |
| 125 | 1.NELLORE SOUTH (NAVLAC GARDEN) | 132/33 | 3x31.5+1x50 | 144.50 | 23-11-1981 |
| 126 | 2.VENKATAGIRI | 132/33 | 1x31.5+1x50 | 81.50 | 24-09-1992 |
| 127 | 3.SRIHARIKOTA | 132/11 | 2 X 16 | 32.00 | 18-11-1978 |
| 128 | 4.GUDUR | 132/33-11 | 1 X 16+1x25+2X31.5 | 104.00 | 10-7-1980 |
| 129 | 5.ATMAKUR | 132/33 | 2x50 | 100.00 | 19-02-1988 |
| 130 | 6.KAVALI | 132/33 | 1x31.5+ 2x50 | 131.50 | 22-12-1980 |
| 131 | 7.CHENDODU | 132/33 | 2x50 | 100.00 | 11-12-1991 |
| 132 | 8.ALLURU | 132/33 | 1x50+1x31.5 | 81.50 | 16-03-2001 |
| 133 | 9.UDAYAGIRI | 132/33 | 2 X 16+1x50 | 82.00 | 07-12-2001 |
| 134 | 10. ADURUPALLI | 132/33 | 1x31.5 + 2x16 | 63.50 | 9-10-2004 |
| 135 | 11. BRAHMADEVAM | 132/33 | 2x31.5+1x50 | 113.00 | 31-3-2005 |
| 136 | 12.NAIDUPET | 132/33 | 1x50+1X31.5 | 81.50 | 03-08-2005 |
| 137 | 13.NTS KOVVUR | 132/33 | 3x31.5 | 94.50 | 01-01-2006 |
| 138 | 14.MENAKURU | 132/33 | 1x50+1X31.5 | 81.50 | 21-12-2012 |
| 139 | 15.RAPUR | 132/33 | 3X16 | 48.00 | 6-03-2018 |
| 140 | 16.VINZAMUR | 132/33 | 2x31.5 | 63.00 | 22-02-2019 |
| 141 | 17. ANANTHASAGARAM | 132/33 | 1X16+1X25 | 41.00 | 22.04.2021 |
| 142 | 18. KALLURIPALLI | 132/33 | 2X31.5 | 63.00 | 06.08.2021 |
| 143 | 19. GOTTIPROLU | 132/33 | 2 x 31.5 | 63.00 | 03.09.2021 |
| 144 | 20. DAGADARTHI | 132/33 | 1 x 31.5 | 31.50 | 03.09.2021 |
| 145 | 21.Krishnapatnam Port Switching station | 132/33 | SwS | 0.00 | 29.05.2022 |
| 146 | 22. Koruturu | 132/33 | 2X31.5 | 63.00 | 29.05.2023 |
| | CHITTOOR | | | | |
| 147 | 1.PUTTUR | 132/33 | 1x50+1X31.5 | 81.50 | 12-6-1982 |
| 148 | 2.TIRUPATHI | 132/33 | 2x50 | 100.00 | 12-11-1986 |
| 149 | 3.PAKALA | 132/33 | 1x31.5+1x50 | 81.50 | 4-2-1990 |
| 150 | 4.SRIKALAHASTI | 132/33 | 1x50+2x31.5 | 113.00 | 31-03-1987 |
| 151 | 5.MADANAPALLY | 132/33 | 2x50 | 100.00 | 10-8-1986 |
| 152 | 6.SHANTIPURAM | 132/33 | 2x80 | 160.00 | 04-01-1993 |
| 153 | 7.KOTHAPALLI MITTA | 132/33 | 1x80+1x50 | 130.00 | 16-06-1997 |
| 154 | 8.CHANDRAGIRI | 132/33 | 1x31.5+1x16 | 47.50 | 8-11-1998 |
| 155 | 9.BURAKAYALAKOTA | 132/33 | 1x50+1 X 31.5 | 81.50 | 27-03-1999 |
| 156 | 10.ROMPICHERLA | 132/33 | 1x50+1 X 31.5 | 81.50 | 06-07-1999 |
| 157 | 11. KUPPAM | 132/33 | 2x50 | 100.00 | 24-08-2000 |
| 158 | 12.PUNGANURU | 132/33 | 2x50 | 100.00 | 19-03-2001 |
| 159 | 13.GURRAMKONDA | 132/33 | 1x50+1x31.5 | 81.50 | 26-11-2005 |
| 160 | 14.NAGALAPURAM | 132/33 | 2x31.5 | 63.00 | 29.3.2007(TC) |
| 161 | 15.IRALA | 132/33 | 1x31.5+1X16 | 47.50 | 02-12-2009 |
| 162 | 16.SOMALA | 132/33 | 2x31.5 | 63.00 | 31-3-2012 |
| 163 | 17.TIRUMALA | 132/33 | 1x31.5 + 1x16 | 47.50 | 31-3-2012 |
| 164 | 18.CHERVI | 132/33 | 2x50+1X31.5 | 131.50 | 16-09-2015 |
| 165 | 19.SIVARAMPURAM LIS SS | 132/33 | 2X31.5 | 63.00 | 03-04-2016 |
| 166 | 20.B.KOTHAKOTA | 132/33 | 2X16 | 32.00 | 26-03-2016 |
| 167 | 21.ALIPIRI | 132/33 | 2x50+1X31.5 | 131.50 | 21-09-2016 |
| 168 | 22.BANDLAVANDLAPALLI(LIS SS) | 132/33 | 2X10/16 | 32.00 | 27-10-2016 |
| 169 | 23.NOONEGUNDLAPALLI | 132/33 | 2X31.5 | 63.00 | 20-07-2017 |
| 170 | 24.RAMASAMUDRAM | 132/33 | 1x31.5+1x16 | 47.50 | 25-06-2018 (2nd 16 MVA) |
| 171 | 25.GREENPLY | 132/33 | SWS | | 23-01-2008 |
| 172 | 26.KOTHAPALLY | 132/33 | 2X31.5 | 63.00 | 20-08-2019 |
| 173 | 27.YERPEU | 132/33 | 2X31.5 | 63.00 | 09-09-2019 |
| 174 | 28.PACHIKAPALEM | 132/33 | 2X31.5 | 63.00 | 05.09.2020 |
| 175 | 29.PENUMURU | 132/33 | 2X31.5 | 63.00 | 07.10.2020 |
| 176 | 30. KALCHERLA (LIS) | 132/33 | 2x16 | 32.00 | 30.07.2018 |

7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS

| SI.No | NAME OF THE SS/ DISTRICT | VOLTAGE in KV | TR. CAPACITY (NO. X MVA) | TOTAL MVA | COMMISSIONING/ COMPLETION |
|-------|------------------------------|---------------|--------------------------|-----------|--|
| | ANANTHAPUR | | | | |
| 177 | 1.DHARMAVARAM | 132/33 | 3x31.5+1X16 | 110.50 | 10-11-1970 |
| 178 | 2.JAMMALABANDA | 132/33 | 1x31.5+1x50 | 81.50 | 30-09-1994 |
| 179 | 3.PUTTAPARTHY | 132/33 | 2x50 | 100.00 | 22-11-1993 |
| 180 | 4.KADIRI | 132/33 | 3x50 | 150.00 | 02-07-1984 |
| 181 | 5.GUNTAKAL | 132/33 | 2x31.5 | 63.00 | 31-03-1988 |
| 182 | 6.RAYADURG | 132/33 | 2x50 | 100.00 | 30-07-1998 |
| 183 | 7.KOMATIKUNTA | 132/33 | 1x31.5+1x50 | 81.50 | 26-07-2003 |
| 184 | 8.URAVAKONDA | 132/33 | 2x31.5 | 63.00 | 29-11-2007 |
| 185 | 9.THUMKUNTA | 132/33 | 3X50 | 150.00 | 26-12-2010 |
| 186 | 10.ANKAMPALLY(LIS) | 132/11 | 3X16 | 48.00 | 16-03-2011 |
| 187 | 11.KOMALI (Sw Stn) | 132/33 | 0 | 0.00 | 12-07-2012 |
| 188 | 12.THANAKALLU | 132/33 | 2x31.5+2X16 | 95.00 | 21-12-2013 |
| 189 | 13.OBULAPURAM | 132/33 | 1X31.5+1x16 | 47.50 | 12-03-2015 |
| 190 | 14. NAGALAPURAM | 132 | 1x31.5 | 31.50 | 12-01-2016 |
| 191 | 15. GUDIPADU | 132/33 | SWS | 0.00 | 02-11-2017 |
| 192 | 16. BEECHGANIPALLI | 132/33 | | 0.00 | 02-11-2017 |
| 193 | 17. LEPAKSHI | 132/33 | 2x16 | 32.00 | 27-11-2017 |
| 194 | 18. MADAKASIRA LIS | 132/33 | 2x16 | 32.00 | 28-12-2017 |
| 195 | 19. TATICHERLA | 132/33 | 1x50+1x31.5 | 81.50 | 05-02-2018 |
| 196 | 20. TADIMARRI | 132/33 | 1x31.5+1X16 | 47.50 | 30-03-2018 |
| 197 | 21. AMARAPURAM | 132/33 | 2x16 | 32.00 | 20-09-2018 |
| 198 | 22.PALASAMUDRAM | 132/33 | 1x50 + 1x31.5 | 81.50 | 26.07.2021 |
| | Humpi | 132/66KV | 2x40 | 80.00 | 01-06-1965, 132/66 KV Humpi switch yard in the premises of TB board. |
| | KADAPA | | | | |
| 199 | 1.BADWEL | 132/33 | 1 x 31.5+2x16 | 63.50 | 10-07-1993 |
| 200 | 2.PULIVENDULA | 132/33 | 1x 31.5+1x50 | 81.50 | 29-12-1986 |
| 201 | 3.PRODDUTUR | 132/33 | 2 x 31.5 | 63.00 | 17-09-1989 |
| 202 | 4.RAYACHOTI | 132/33 | 1x 31.5+1x50 | 81.50 | 31-03-1992 |
| 203 | 5.VONTIMITTA | 132/33 | 2 x 16 | 32.00 | 05-07-2000 |
| 204 | 6.BALAPANUR | 132/33 | 2x31.5 | 63.00 | 26-10-2000 |
| 205 | 7.THIMMAYAGARIPALLI | 132/33 | 3 x 16 | 48.00 | 12-04-2001 |
| 206 | 8. JAMMALAMADUGU | 132/33 | 2x31.5 | 63.00 | 28-03-2005 |
| 207 | 9. VEMPALLI | 132/33 | 2x31.5+1x16 | 79.00 | 31-03-2005 |
| 208 | 10.PORUMAMILLA | 132/33 | 2x31.5 | 63.00 | 22-10-2005 |
| 209 | 11.MOOLAVANKA | 132/33 | 2 x 31.5+1 x 16 | 79.00 | 20-02-2009 |
| 210 | 12.SAMBEPALLE | 132/33 | 3X16 | 48.00 | 04-06-2011 |
| 211 | 13.RTSS KADAPA | | SWT.STN | 0.00 | 12-11-2010 |
| 212 | 14.RTSS MUDDANUR | | SWT.STN | 0.00 | 09-02-2011 |
| 213 | 15.GANDIKOTA (LIS) | 132/11 | 2x25 | 50.00 | 24-11-2011 |
| 214 | 16.LINGALA | 132/33 | 1x31.5 + 2x16 | 63.50 | 30-1-2012 |
| 215 | 17.DUVVUR | 132/33 | 1 x 31.5+1 x 16 | 47.50 | 26-08-2015 |
| 216 | 18.KALASAPADU | 132/33 | 1 x 31.5+1 x 16 | 47.50 | 13-03-2019 |
| 217 | 19.BRAHMAM GARI MATAM | 132/33 | 1x31.5 | 31.50 | 29-03-2019 |
| 218 | 20.BHARATHI CENMENTS LIMITED | 132/33 | SWS | 0.00 | 15-05-2009 |
| 219 | 21.NALLACHERUVU | 132/33 | 2X31.5 | 63.00 | 08-07-2021 |
| 220 | 22 . SATELLITE CITY | 132/33 | 2x16 | 32.00 | 30.04.2022 |
| 221 | 23 . C.ORAMPADU | 132/33 | 2x16 | 32.00 | 14.10.2022 |
| 222 | 24. T.SUNDUPALLI | 132/33 | 2x16 | 32.00 | 14.11.2022 |
| 223 | 25. Gaaliveedu | 132/33 | 1x31.5 | 31.50 | 27.07.2023 |

7.00 COMMISSIONING DATES OF E.H.T. SUB STATIONS

| SI.No | NAME OF THE SS/ DISTRICT | VOLTAGE in KV | TR. CAPACITY (NO. X MVA) | TOTAL MVA | COMMISSIONING/ COMPLETION |
|------------|------------------------------|------------------|---|------------------|------------------------------|
| | KURNOOL | | | | |
| 224 | 1.KURNOOL | 132/33 | 3x31.5 | 94.50 | 18-04-1970 |
| 225 | 2.CEMENT NAGAR | 132/33 | 2 x 31.5 | 63.00 | 22-05-1981 |
| 226 | 3.ALLAGADDA | 132/33 | 2x50 | 100.00 | 29-12-1994 |
| 227 | 4.ADONI | 132/33 | 3x31.5 | 94.50 | 21-11-1978 |
| 228 | 5.DHONE | 132/33 | 2 x 31.5 | 63.00 | 24-06-1993 |
| 229 | 6.ATMAKUR | 132/33 | 2 x 31.5 | 63.00 | 13-03-1994 |
| 230 | 7.YEMMIGANUR | 132/33 | 3x50 | 150.00 | 24-05-1996 |
| 231 | 8.PATHIKONDA | 132/33 | 2 x 31.5 | 63.00 | 30-12-1998 |
| 232 | 9. GUDUR | 132/33 | 2 x 31.5 | 63.00 | 22-03-2004 |
| 233 | 10.AKKIREDDYPALLI | 132/33 | 1X31.5+1X16 | 47.50 | 29-11-2005 |
| 234 | 11.BANAGANAPALLI | 132/33 | 2 x 16+1x31.5 | 63.50 | 31-03-2006 |
| 235 | 12.NANDIKOTKUR | 132/33 | 3 x 31.5 | 94.50 | 26-12-2008 |
| 236 | 13.SRISAILAM | 132/33 | 2X16 | 32.00 | 30-10-2009 |
| 237 | 14.RACHARLA | 132/33 | 2 x 31.5 | 63.00 | 31-3-2010 |
| 238 | 15. MANTRALAYAM (Madhavaram) | 132/33 | 3 x 31.5 | 94.50 | 07-08-2017 |
| 239 | 16. MUDIGEDU | 132/33 | 2x16 | 32.00 | 29-03-2014 |
| 240 | 17. ALURU | 132/33 | 3x16 | 48.00 | 25-01-2016 |
| 241 | 18.RUDRAVARAM | 132/33 | 2x31.5 | 63.00 | 18-11-2018 |
| | | | Total MVA | 18,092.50 | |
| | | | Total Transmission Capacity in MVA | 66071.5 | |

*132KV Inkollu Switching station was upgraded to 132/33KV Sub station on 26/11/2016

*132/6.6 KV BHAVANIPURAM SS(Pump house)Belongs to APGENCO.Charged on 14/09/2003(Hence deleted)

| 7.1 EHV SUB-STATIONS COMMISSIONED DURING 2023-24 | | | | | |
|--|---|---------------|----------|-----------------------|---|
| S.No | Name of the Sub-station | District | Capacity | Capacity Commissioned | Date of charging |
| A) | 400 kV Sub - Stations | | | | |
| | Erection of 315 MVA ICT- I & 315 MVA ICT- II at 400kV SS Guddigudem | East Godavari | 2x315 | 630 | ICTs charged on 21.04.2023 (400KV Bus-I & Bus-II charged on 07.01.2023) |
| Total | | | | 630 | |
| B) | 220 KV Sub - Stations | | | | |
| 1 | 220/33KV SS, Pattiseema (LIS) | West Godavari | 1x50 | 50 | 05.06.2023. |
| 2 | 220KV SS Pampanurthanda | Ananthapur | 1x160 | 160 | Substation CHARGED ON 18.05.2023 . 160MVA PTR commissioned on |
| 3 | 220KV SS Penokonda (Gorantla) | Ananthapur | - | - | 30.12.2023 (Idle Charged) |
| Total | | | | 210 | |
| | 132/33kV Sub-stations | | | | |
| 1 | 132kV SS Koruturu | Nellore | 1x31.5 | 31.5 | 29.04.2023 |
| 2 | 132/33 KV SS Galiveedu | Kadapa | 1x31.5 | 31.5 | 27.07.2023 |
| 3 | 132/33kV SS T.Narasapuram | Visakhapatnam | 1x31.5 | 31.5 | 28.08.2023 |
| 4 | 132kV SS Ulavapadu | Prakasam | 1x31.5 | 31.5 | 23.01.2024 |
| Total | | | | 126 | |

7.2 33/11 KV SUB-STATIONS COMMISSIONED DURING THE YEAR 2023-24

| Sl.No | Discom/ District | Name of the 33/11 KV Sub-Station | Funding Agency | Power Transformer Capacity (in MVA) | Date of Commissioned |
|-------|---------------------|--------------------------------------|------------------------------|--|-------------------------|
| EPDCL | | | | | |
| 1 | Srikakulam | Ponnada | JHC | 1x5 | 28.12.2023 |
| 2 | | Vakalavalasa | JHC | 1x5 | 27.12.2023 |
| 3 | | Gajulakollivalasa | JHC | 1x5 | 24.12.2023 |
| 4 | | Patrunivalasa | JHC | 1x5 | 20.12.2023 |
| 5 | | Lumburu | JHC | 1x5 | 29.12.2023 |
| 6 | | Ramakrishnapuram | JHC | 1x5 | 18.12.2023 |
| 7 | | Kaviti | T&D | 1x5 | 28.02.2024 |
| 8 | Vizianagaram | 33/11kv Gumadam | JHC | 1x5 | 05.01.2024 |
| 9 | | 33/11kv Purrayavalasa | JHC | 1x5 | 10.01.2024 |
| 10 | | 33/11kv Gunkalam | JHC | 1x5 | 08.01.2024 |
| 11 | | 33/11kv Ramannadoravalasa | JHC | 1x5 | 18.01.2024 |
| 12 | Visakhapatnam | India Bulls | JHC | 1x5 | 14.07.2023 |
| 13 | | AIS Container SS (Rushikonda) | JHC | 1x10 | 24.12.2023 |
| 14 | | Taruva | JHC | 1x5 | 21.02.2024 |
| 15 | | Kapulupada | JHC | 1x5 | 23.02.24 |
| 16 | Rajamahendravaram | VEDIRESWARAM (Devarapalli) | JHC | 1x5 | 28.06.2023 |
| 17 | | Nemam-III | JHC | 1x5 | 13.07.2023 |
| 18 | | Ryali | JHC | 1x5 | 14.08.2023 |
| 19 | | Annavaram Devasthanam | JHC | 1x5 | 20.08.2023 |
| 20 | | Samalkot (2nd ward Municipality) | JHC | 1x5 | 23.08.2023 |
| 21 | | Velugubanda | JHC | 1x8 | 30.08.2023 |
| 22 | | Komaragiri | JHC | 1x8 | 31.08.2023 |
| 23 | | Thimmapuram 1 | JHC | 1x5 | 15.09.2023 |
| 24 | | Peddapuram (27 ward Municipality) | JHC | 1x5 | 29.09.2023 |
| 25 | | Someswaram | T&D Improvements works | 1x5 | 29.09.2023 |
| 26 | | Jaggampeta | JHC | 1x5 | 17.10.2023 |
| 27 | | Vemulapalli | JHC | 1x5 | 21.10.2023 |
| 28 | | Torredu | JHC | 1x5 | 31.10.2023 |
| 29 | | Radheyapalem | JHC | 1x5 | 31.10.2023 |
| 30 | | Tuni (Rajupeta) | JHC | 1x5 | 25.11.23 |
| 31 | | Yeleswaram | JHC | 1x5 | 07.11.23 |
| 32 | | Pamulametta | JHC | 1x5 | 15.11.23 |
| 33 | | Kothapalli | JHC | 1x5 | 29.12.23 |
| 34 | | Guttendeevi | JHC | 1x5 | 12.12.23 |
| 35 | | Pandalabaka | JHC | 1x5 | 19.12.23 |
| 36 | | Parlovapeta | TIDCO | 1x5 | 31.01.24 |
| 37 | | Sampara | JHC | 1x5 | 22.02.24 |
| 38 | | Narasapuram | JHC | 1x5 | 29.02.24 |
| 39 | | Chinakondepudi | JHC | 1x5 | 29.02.24 |
| 40 | Katavaram | JHC | 1x5 | 10.03.24 | |

7.2 33/11 KV SUB-STATIONS COMMISSIONED DURING THE YEAR 2023-24

| Sl.No | Discom/ District | Name of the 33/11 KV Sub-Station | Funding Agency | Power Transformer Capacity (in MVA) | Date of Commissioned |
|--------------|---------------------|-------------------------------------|--------------------|--|-------------------------|
| 41 | Eluru | Nidamaruru | T&D | 1x5 | 18.04.2023 |
| 42 | | Chodimella JHC | JHC | 1x5 | 29.05.2023 |
| 43 | | Kuppanapudi JHC | JHC | 1x5 | 19.06.2023 |
| 44 | | Ponangi JHC | JHC | 1x8 | 12.07.2023 |
| 45 | | Rustumbada JHC | JHC | 1x5 | 15.07.2023 |
| 46 | | Komadavolu JHC | JHC | 1x5 | 09.08.2023 |
| 47 | | Gundugolanu JHC | T&D | 1x5 | 14.08.2023 |
| 48 | | Gummuluru JHC | T&D | 1x5 | 23.08.2023 |
| 49 | | Gudivakalanka | T&D | 1x5 | 27.10.2023 |
| 50 | | Pydiparru JHC | JHC | 1x5 | 30.10.2023 |
| 51 | | Vissakoderu JHC | JHC | 1x5 | 24.11.2023 |
| 52 | | Yandagandi | T&D | 1x5 | 27-02-2024 |
| CPDCL | | | | | |
| 53 | Krishna | Dawajigudem | World Bank | 1x5 | 19.04.2023 |
| 54 | | Vanukuru JHC Colony SS | Pedalandariki Illu | 2x8 | 29.04.2023 |
| 55 | | Santhivanam | Pedalandariki Illu | 2x5 | 02.05.2023 |
| 56 | | Surampalli | Pedalandariki Illu | 2x5 | 02.05.2023 |
| 57 | | Maredumaka | REC Phase-1 | 1x5 | 08.05.2023 |
| 58 | | Velagaleru | Pedalandariki Illu | 1x5 | 30.05.2023 |
| 59 | | Arutheegalapadu | REC Phase-2 | 1x5 | 01.06.2023 |
| 60 | | Kavuluru | REC Phase-2 | 1x5 | 14.06.2023 |
| 61 | | Elaprolu | Pedalandariki Illu | 2x5 | 30.06.2023 |
| 62 | | Kondapavuluru | Pedalandariki Illu | 1x5 | 10.07.2023 |
| 63 | | Kaikaluru Jaganna Colony | Pedalandariki Illu | 1x5 | 20.07.2023 |
| 64 | | Mallayapalem | Pedalandariki Illu | 1x5 | 31.07.2023 |
| 65 | | Krosuru | REC Phase-2 | 1x5 | 07.08.2023 |
| 66 | | Muppalla | REC Phase-1 | 1x5 | 28.08.2023 |
| 67 | | Rama Krishna Puram | REC Phase-1 | 1x5 | 05.09.2023 |
| 68 | | Suravaram | REC Phase-2 | 1x5 | 16.10.2023 |
| 69 | | P. Agraharam | Pedalandariki Illu | 2x5 | 20.11.2023 |
| 70 | | Moturu | REC Phase-2 | 1x5 | 22.12.2023 |
| 71 | | Gosangam | TIDCO- Capital | 1x5 | 30.01.2024 |

7.2 33/11 KV SUB-STATIONS COMMISSIONED DURING THE YEAR 2023-24

| Sl.No | Discom/ District | Name of the 33/11 KV Sub-Station | Funding Agency | Power Transformer Capacity (in MVA) | Date of Commissioned |
|-------|---------------------|-------------------------------------|-----------------------|--|-------------------------|
| 72 | Guntur | Autonagar-II (Thakkellapadu) | World Bank | 1x5 | 22.01.2024 |
| 73 | | Chandole | REC | 1x5 | 02.12.2023 |
| 74 | | Tangeda | REC | 1x5 | 20.02.2024 |
| 75 | | Channaipalem | REC | 1x5 | 02.02.2024 |
| 76 | | Inner Ring road (STP Reddypalem) | World Bank | 1x5 | 14.02.2024 |
| 77 | | Etukuru | JHC (Semi- Indoor) | 2x5 | 14.02.2024 |
| 78 | | Nandivelugu | REC | 1x5 | 29.11.2023 |
| 79 | | Miriyala | REC | 1x5 | 05.03.2024 |
| 80 | | Nelapadu | JHC (Semi- Indoor) | 2X8 | 11.03.2024 |
| 81 | | Uppalapadu | JHC (Semi- Indoor) | 2x5 | 19.02.2024 |
| 82 | | Gannavaram | REC | 1x5 | 05.03.2024 |
| 83 | | Peravali | REC | 1x5 | 04.10.2023 |
| 84 | | Brahmanapalli | JHC (Semi- Indoor) | 1x5 | 06.03.2024 |
| 85 | | Jettipalem | REC | 1x5 | 05.03.2024 |
| 86 | | Gokarnamatam | REC | 1x5 | 22.12.2023 |
| 87 | | Ravipadu | REC | 1x5 | 27.11.2023 |
| 88 | | Komerapudi | REC | 1x5 | 18.12.2023 |
| 89 | | Pedapalem | REC | 1x5 | 24.01.2024 |
| 90 | | Narasaraopet Dumping Yard | TIDCO (Outdoor) | 1x5 | 19.02.2024 |
| 91 | | Velpuru | REC | 1x5 | 06.03.2024 |
| 92 | | Perecherla-II | JHC (REC) | 2x8 | 26.04.2023 |
| 93 | | Yedavalli | REC (32 package) | 2x5 | 09.02.2024 |
| 94 | | Pasumarru-II | JHC (REC) | 2x5 | 09.02.2024 |
| 95 | | Mangalagiri Town-2 Tidco | Tidco | 1x8 | 22.11.2023 |
| 96 | | MM Road | REC | 1X8 | 05.11.2023 |
| 97 | | Chadalawada | REC | 1x5 | 02.08.2023 |
| 98 | | K.Bitragunta | REC | 1x5 | 19.02.2024 |
| 99 | | Gangupalli | REC | 1x5 | 19.02.2024 |
| 100 | | Kondepalli | REC | 1x5 | 30.10.2023 |
| 101 | | Kothuru | REC | 1x5 | 01.02.2023 |
| 102 | | Kothapeta | REC | 1x5 | 04.10.2023 |
| 103 | | Martur (Nagarajupalli Road) | REC | 1x5 | 31.01.2024 |
| 104 | | Somavarapadu | REC | 1x5 | 09.09.2023 |
| 105 | | Prakasam | Potlur | REC | 1x5 |
| 106 | Vemulapadu | | REC | 1x5 | 11.10.2023 |
| 107 | Turimella | | REC | 1x5 | 16.10.2023 |
| 108 | Peda Yachavaram | | REC | 1x5 | 03.11.2023 |
| 109 | Guntur Road | | REC | 1X10 | 09.03.2023 |
| 110 | Idupur | | REC | 1X5 | 10.11.2023 |

7.2 33/11 KV SUB-STATIONS COMMISSIONED DURING THE YEAR 2023-24

| SI.No | Discom/ District | Name of the 33/11 KV Sub-Station | Funding Agency | Power Transformer Capacity (in MVA) | Date of Commissioned |
|--------------|--------------------------------------|-------------------------------------|-------------------|--|---|
| SPDCL | | | | | |
| 111 | Nellore | 33/11 KV Thoderu | PFC | 1x5 | 06.05.2023 |
| 112 | | 33/11 KV VENKATAGIRI | JHC | 1x5 | 21.07.2023 |
| 113 | | Mandapam | PFC | 1x5 | 05.09.2023 |
| 114 | | Kondlapudi | JHC | 1x5 | 08.09.2023 |
| 115 | | Alipuram | TIDCO | 2X 8 | 14.12.2023 |
| 116 | | Degavari Kandriga | PFC | 1x5 | 18.12.2023 |
| 117 | | Valimedu | PFC | 1x5 | 18.12.2023 |
| 118 | | CHENNAYPALEM | PFC | 1x5 | 28.01.2024 |
| 119 | | KODURUPADU | PFC | 1x5 | 28.01.2024 |
| 120 | | Saraswathi Nagar | T&D | 1x5 | 17.03.2023 (Technically charged) |
| 121 | | Chittoor | Vedanthapuram | World Bank | 1x10 |
| 122 | Rami Reddy Gari Pally | | PFC | 1x5 | 02.05.2023 |
| 123 | Upparapalli | | PFC | 1x5 | 28.06.2023 |
| 124 | Peddakondamarri | | PFC | 1x5 | 28.06.2023 |
| 125 | Chandramakulapalli | | PFC | 1x5 | 28.06.2023 |
| 126 | Mittachinthlavari palli | | PFC | 1x5 | 28.06.2023 |
| 127 | Ammigani palli (aradigunta) | | PFC | 1x5 | 28.06.2023 |
| 128 | Poonepalli | | NPL | 1x5 | 14.08.2023 |
| 129 | BILLERU | | PFC | 1x5 | 18.08.2023 |
| 130 | DURGASAMUDRAM | | PFC | 1x5 | 18.08.2023 |
| 131 | Padmavathipuram | | World Bank | 1x10 | 20.09.2023 |
| 132 | Sree Devi Complex (Containerized) | | World Bank | 2X10 | 09.11.2023 |
| 133 | Peturu | | PFC | 1x5 | 23.11.2023 |
| 134 | Thimmanayanapalli | | PFC | 1x5 | 23.11.2023 |
| 135 | Gantavaripalli | | PFC | 1x5 | 15.12.2023 |
| 136 | Kommireddigaripalli | | PFC | 1x5 | 15.12.2023 |
| 137 | Anupalli | | JHC (Normal Plan) | 1x5 | 23.12.2023 |
| 138 | Gopisettypalli | | PFC | 1x5 | 12.01.2024 |
| 139 | Thatiguntapalem | | PFC | 1x5 | 12.01.2024 |
| 140 | Devalampeta | | PFC | 1x5 | 12.01.2024 |
| 141 | Vootupalli | | PFC | 1x5 | 19.02.2024 |
| 142 | Kaspapeta | | T&D | 1x5 | 13.03.2024 |
| 143 | Chemchama Reddy gari palli | | T&D | 1x5 | 13.03.2024 |
| 144 | Thondawada, | | JHC (Normal Plan) | 1x5 | 19.03.2024 |

7.2 33/11 KV SUB-STATIONS COMMISSIONED DURING THE YEAR 2023-24

| Sl.No | Discom/ District | Name of the 33/11 KV Sub-Station | Funding Agency | Power Transformer Capacity (in MVA) | Date of Commissioned | |
|-------|---------------------|-------------------------------------|----------------------|--|-------------------------|------------|
| 145 | Kadapa | Kunavari Palli | Normal Plan | 1x8 | 01.08.2023 | |
| 146 | | Nanapalli | Normal Plan | 1x8 | 11.08.2023 | |
| 147 | | Gobburuvvari palli | Normal Plan | 1x5 | 23.08.2023 | |
| 148 | | Narayana Reddygari Palli | JSC | 1x5 | 26.08.2023 | |
| 149 | | Mukonda | PFC | 2x8 | 29.09.2023 | |
| 150 | | Ulimella | PFC | 2x5 | 12.10.2023 | |
| 151 | | Munalli | Normal Plan | 1x5 | 5.11.2023 | |
| 152 | | Edulapalli | PFC | 1x5 | 22.12.2023 | |
| 153 | | Udavagandla | PFC | 1x5 | 02.12.2023 | |
| 154 | | Kudali | Normal Plan | 1x5 | 30.12.2023 | |
| 155 | | Jntu | JHC | 1x5 | 27.12.2023 | |
| 156 | | Dugayapalli | Normal Plan | 1x5 | 27.01.2024 | |
| 157 | | Chelakampalli | PFC | 1x5 | 27.01.2024 | |
| 158 | | Balupalli | PFC | 2x5 | 26.02.2024 | |
| 159 | | Ramanuthalapalli | PFC | 1x5 | 14.02.2024 | |
| 160 | | Reddyvaripalli | Normal Plan | 1x8 | 26.02.2024 | |
| 161 | | Meenapuram | Normal Plan | 1x8,1x5 | 13.03.2024 | |
| 162 | | Lopatnuthala | PFC | 1x5 | 13.03.2024 | |
| 163 | | Anantapur | Pothula Nagepalli SS | PFC | 1x5 | 13.06.2023 |
| 164 | | | Apparacheruvu | PFC | 1x5 | 12.09.2023 |
| 165 | RAMANAPALLI | | PFC | 1x5 | 28.09.2023 | |
| 166 | KALLUR | | PFC | 1x5 | 1.10.2023 | |
| 167 | Karutlapalli | | PFC | 1x5 | 19.10.2023 | |
| 168 | Mallameedapalli | | PFC | 1x5 | 19.10.2023 | |
| 169 | 75 Veerapuram | | PFC | 1x5 | 05.10.2023 | |
| 170 | Nagaruru | | PFC | 1x5 | 25.10.2023 | |
| 171 | Konakondla | | PFC | 1x5 | 25.11.2023 | |
| 172 | Kotakammavaripalli | | PFC | 1x5 | 16.11.2023 | |
| 173 | Palyam | | PFC | 1x5 | 16.12.2023 | |
| 174 | Challapalli | | PFC | 1x5 | 15.12.2023 | |
| 175 | Garudapuram | | PFC | 1x5 | 19.12.2023 | |
| 176 | Gotlur | | PFC | 1x5 | 15.02.2024 | |
| 177 | Kuntimaddi | | PFC | 1x5 | 24.01.2024 | |
| 178 | Kodimi | | PFC | 1x5 | 24.01.2024 | |
| 179 | MEDAPURAM SS | | PFC | 1x5 | 24.01.2024 | |
| 180 | Chennampalli | | PFC | 1x5 | 24.01.2024 | |
| 181 | Dorigallu | | PFC | 1x5 | 13.03.2024 | |

7.2 33/11 KV SUB-STATIONS COMMISSIONED DURING THE YEAR 2023-24

| Sl.No | Discom/ District | Name of the 33/11 KV Sub-Station | Funding Agency | Power Transformer Capacity (in MVA) | Date of Commissioned |
|--------------|-----------------------------|---|---------------------------|--|---------------------------------|
| 182 | Kurnool | Dinnedavarapadu | Tidco | 2x5 | 11.07.2023 |
| 183 | | Sadapuram | PFC | 1x8 | 06.10.2023 |
| 184 | | Chintyala | PFC | 1x5 | 17.10.2023 |
| 185 | | Chillabanda | PFC | 1x5 | 13.10.2023 |
| 186 | | Uyyalawada | PFC | 1x8 | 13.12.2023 |
| 187 | | Chilakala | PFC | 1x5 | 13.01.2024 |
| 188 | | Prathamamandi | Normal Plan | 2x5 | 03.01.2024 |
| 189 | | Bachepalli | PFC | 1x5 | 03.01.2024 |
| 190 | | Kothakota(Gundala) | PFC | 1x5 | 27.01.2024 |
| 191 | | Kogilathota | PFC | 1x5 | 16.02.24 |
| 192 | | Karivena | Normal Plan | 1x5 | 03.03.2024 |

No.of 33/11KV Sub-stations commissioned during 2023-24 upto 31-03-2024 : 192 Nos.

7.3 (A) 132 kV, 30 MVAR CAPACITOR BANKS / COMMISSIONED DURING 2023-24

| Sl.No. | Name of the Substation(District) | Capacity in MVAR | Make | Date of Commissioning |
|--------|----------------------------------|------------------|------|-----------------------|
| NIL | | | | |

7.3 (B) 33 kV CAPACITOR BANKS COMMISSIONED DURING 2023-24

| Sl.No. | Name of the Substation(District) | Capacity in MVAR | Make | Date of Commissioning |
|--------|----------------------------------|------------------|--------|-----------------------|
| 1 | 132 KV SS Rentapalla | 7.2 | SHREEM | 19.05.2023 |
| 2 | 132kV SS Machilipatnam | 7.2 | SHREEM | 16.06.2023 |
| 3 | 132kV SS Karempudi | 7.2 | SHREEM | 17.07.2023 |
| 4 | 132 KV SS Penumur | 7.2 | SHREEM | 19.08.2023 |
| 5 | 132 KV SS Thangeda | 7.2 | SHREEM | 15.09.2023 |
| 6 | 132kV SSS Chakrayapalem | 7.2 | SHREEM | 27.10.2023 |
| 7 | 132 KV SS Nandikotkur | 7.2 | SHREEM | 10.10.2023 |
| 8 | 132 KV SS Uravakonda | 7.2 | SHREEM | 15.11.2023 |
| 9 | 132/33KV SS Puttaparthi | 7.2 | SHREEM | 18.12.2023 |
| 10 | 132 KV SS Rudravaram | 7.2 | SHREEM | 18.12.2023 |
| 11 | 132kV SS Avanigadda | 7.2 | SHREEM | 02.01.2024 |
| 12 | 132 KV SS Tirupati | 7.2 | SHREEM | 14.02.2024 |
| 13 | 132kV SS Chendodu | 7.2 | SHREEM | 12.03.2024 |
| 14 | 132 KV SS Alipiri | 7.2 | SHREEM | 15.03.2024 |
| 15 | 132KV SS Mummidivaram | 7.2 | SHREEM | 23.03.2024 |
| 16 | 132 KV SS Ramasamudram | 7.2 | SHREEM | 27.03.2024 |
| | Total | 115.2 | | |

**7.3 -(C) 33kV SHUNT CAPACITOR BANKS COMMISSIONED
YEAR WISE 1984-85 to 2023-24**

| Sl.No | Year | Capacitor Banks Commissioned Nos | Capacity MVAR |
|-------|----------|----------------------------------|---------------|
| 1 | 1984-85 | 28 | 160 |
| 2 | 1985-86 | 2 | 10 |
| 3 | 1986-87 | 12 | 60 |
| 4 | 1987-88 | 10 | 50 |
| 5 | 1988-89 | 2 | 10 |
| 6 | 1989-90 | 24 | 120 |
| 7 | 1990-91 | 46 | 230 |
| 8 | 1991-92 | 22 | 125 |
| 9 | 1992-93 | 37 | 215 |
| 10 | 1993-94 | 58 | 315 |
| 11 | 1994-95 | 14 | 75 |
| 12 | 1995-96 | 16 | 130 |
| 13 | 1996-97 | 21 | 145 |
| 14 | 1997-98 | 43 | 245 |
| 15 | 1998-99 | 73 | 420 |
| 16 | 1999-2K | 26 | 140 |
| 17 | 2000-01 | 28 | 145 |
| 18 | 2001-02 | 6 | 30 |
| 19 | 2002-03 | 11 | 55 |
| 20 | 2003-04 | 2 | 10 |
| 21 | 2004-05 | 7 | 35 |
| 22 | 2005-06 | 2 | 10 |
| 23 | 2006-07 | 32 | 160 |
| 24 | 2007-08 | 3 | 15 |
| 25 | 2008-09 | 1 | 5 |
| 26 | 2009-10 | 0 | 0 |
| 27 | 2010-11 | 0 | 0 |
| 28 | 2011-12 | 6 | 30 |
| 29 | 2012-13 | 5 | 31.6 |
| 30 | 2013-14 | 0 | 0 |
| 31 | 2014-15* | 0 | 0 |
| 32 | 2015-16 | 3 | 21.6 |
| 33 | 2016-17 | 19 | 144 |
| 34 | 2017-18 | 6 | 64.8 |
| 35 | 2018-19 | 17 | 122.4 |
| 36 | 2019-20 | 2 | 14.4 |
| 37 | 2020-21 | 2 | 14.4 |
| 38 | 2021-22 | 0 | 0 |
| 39 | 2022-23 | 3 | 28.8 |
| 40 | 2023-24 | 16 | 115.2 |

* Residual AP

| 7.4 AUGMENTATION OF TRANSFORMER CAPACITY DURING 2023-24 | | | | | | |
|--|---|---------------|-------------------------|--------------------------|---|---|
| Sl. No. | Name of the Sub-station | District | Existing (MVA) | Augmented (MVA) | Net increase Transformer capacity (MVA) | Date of charging |
| AUGMENTATION OF TRANSFORMER CAPACITY AT 400 KV SUB-STATIONS | | | | | | |
| 1 | Erection of 3rd 315MVA at 400kV SS Hindupur | Sri Satya Sai | 2x315 | 3x315 | 315 | 22.05.2023 |
| 2 | Erection of 4th 315MVA at 400kV SS Hindupur | Sri Satya Sai | 3x315 | 4x315 | 315 | 08.12.2023 |
| 3 | 400KV SS Jammalamadugu | Kadapa | 2x315 +1x160 | 1x500 +2x315 +1x160 | 500 | 27.04.2023 |
| TOTAL | | | | | 1130 | |
| AUGMENTATION OF TRANSFORMER CAPACITY AT 220 KV SUB-STATIONS | | | | | | |
| 1 | 220KV SS Podili | Prakasam | 2x100+1x50 + 1x31.5 | 2x100+1x50 + 2x31.5 | 31.5 | 11.05.2023 |
| 2 | 220 KV SS Gollapuramu | Anantapur | 2X100+1x50+1x31.5 | 3X100 | 100 | 24.05.2023 |
| 3 | 220/132/33 KV SS Nandyal | Nandyal | 3X100+3x50 | 1X160+ 2X100+3x50 | 60 | 06.06.2023 |
| 4 | 220KV SS Piduguralla | Guntur | 1x160+1X50+2X31.5 | 2x160+1X50+ 2X31.5 | 160 | 14.06.2023. |
| 5 | 220 KV SS Muthyalacheruvu | Ananthapur | 1x100 | 2x100 | 100 | 30.06.2023 |
| 6 | 220kv SS Ammavaripalli | Ananthapur | 2x50 | 3x50 | 50 | 05.08.2023. |
| 7 | 220/132/33kV SS Kakinada | Kakinada | 1x160 +2x100+1x80+1x50 | 2x160 + 1x100 +1x80+1x50 | 60 | 08.08.2023 |
| 8 | 220/132/33kV SS Pydibhimavaram | Srikakulam | 1x100+1x160 | 1x100+1x160 + 1x31.5 | 31.5 | 11.08.2023 |
| 9 | 220KV SS Markapur | Prakasam | 3 x 100 +2x31.5 | 1x160 + 2x100 +2x31.5 | 60 | HV Side on 24.08.2023 & LV side on 25.08.2023 |
| 10 | 220/132 KV SS in samalkota | East Godavari | 3x100 | 1x160 + 2x100 | 60 | 11.09.2023 |
| 11 | 220kv SS Piduguralla | Guntur | 1x50+1x31.5 | 1x50 + 2x31.5 | 31.5 | 19.10.2023 |
| 12 | 220/132 KV SS Samalkota | East Godavari | 1X160+ 2X100 | 2X160+ 1X100 | 60 | 27.11.2023 |
| 13 | 220 KV SS Pulivendula | YSR Kadapa | 2x100+2x16 | 3x100+2x16 | 100 | 21.12.2023 |
| 14 | 220KV SS Boksampalli | Anantapur | 1x 100+3x31.5 | 2x100+3x31.5 | 100 | 09.01.2024 |
| 15 | 220kv SS Nandyal | Kurnool | 1X160+ 2X100+3x50 | 2X160+ 1X100+3x50 | 60 | 14.01.2024 |
| 16 | 220KV SS Rajampet | Kadapa | 2x100+2x31.5 | 3x31.5 | 31.5 | 13.01.2024 |
| 17 | 220/132/33KV SS, Undi | West Godavari | 2x160+1X100+2x50+2x31.5 | 3x160+2x50+ 2x31.5 | 60 | 18.01.2024 |
| 18 | 220/33KV SS, Pattiseema | West Godavari | 1x50 | 2x50 | 50 | 06.01.2024 |
| 19 | 220/33KV SS Purushothapatnam | East Godavari | 1x50 | 2x50 | 50 | 24.01.2024 |
| TOTAL | | | | | 1256.0 | |

| 7.4 AUGMENTATION OF TRANSFORMER CAPACITY DURING 2023-24 | | | | | | |
|--|--|---------------|------------------|---------------------|---|---|
| Sl. No. | Name of the Sub-station | District | Existing (MVA) | Augmented (MVA) | Net increase Transformer capacity (MVA) | Date of charging |
| AUGMENTATION OF TRANSFORMER CAPACITY AT 132 KV SUB-STATIONS | | | | | | |
| 1 | 132/33kV SS Mogalarajapuram | Krishna | 1x31.5 | 2x31.5 | 31.5 | 01.05.2023 132/33kV SS Mogalarajapuram charged with 1st 31.5MVA on 09.02.2022. |
| 2 | 132/33kV SS Anumalapalli | Prakasam | 1 x31.5 | 1 x31.5 + 1 x 10/16 | 16 | 03.05.2023 |
| 3 | 132KVSS Machilipatnam | Krishna | 2X50 | 3X50 | 50 | 14.06.2023 |
| 4 | 132/33KV Payakaraopeta (Replacement of failed PTR) | Visakhapatnam | 1x31.5x50 | 2x50 | 18.5 | 19.06.2023 |
| 5 | 132KV SS Palasamudram | Chittoor | 1x50 | 1x31.5 | 31.5 | 26.06.2023 |
| 6 | 132KV SS Tirumala | Tirupati | 2x10/16 | 1x10/16 +1x31.5 | 15.5 | 10.07.2023 |
| 7 | 132 KV SS Alipiri | Chittoor | 1x31.5 + 1x50 | 1x31.5 + 2x50 | 50 | 14.08.2023 |
| 8 | 132kV SS Chirala | Bapatla | 2x31.5 + 1x10/16 | 2x31.5 | 15.5 | 04.09.2023 |
| 9 | 132kV SS Tangutur | Prakasam | 2x31.5 + 1x10/16 | 2x31.5 | 15.5 | 07.09.2023 |
| 10 | 132kV SS Cherivi | Chittoor | 1x31.5 + 1x50 | 1x31.5 + 2x50 | 50 | 20.09.2023 |
| 11 | 132KV SS Chigurukota | Krishna | 2x50 + 1x31.5 | 3x50 | 18.5 | 29.10.2023 |
| 12 | 132kV SS Adurupalli | Nellore | 3 x 10/16 | 2 x10/16 + 1x31.5 | 15.5 | 01.11.2023 |
| 13 | 132kV SS Kallurupalli | Nellore | 1x31.5 | 2x31.5 | 31.5 | 06.11.2023 |
| 14 | 132kV SS Adoni | Kurnool | 2x31.5 + 1x16 | 3x31.5 | 15.5 | 07.11.2023 |
| 15 | 132 KV SS, Lingala | Kadapa | 3x10/16 | 1x31.5+2x10/16 | 15.5 | 13.11.2023 |
| 16 | 132/33kV SS T.Narasapuram | West Godavari | 1x31.5 | 2x31.5 | 31.5 | 21.11.2023 |
| 17 | 132kV SS Nandikotkur | Kurnool | 2x31.5 | 3x31.5 | 31.5 | 27.11.2023 |
| 18 | 132/33 KV SS Yemmiganur | Kurnool | 2X 50 | 3x 50 | 50 | 04.12.2023 |

| 7.4 AUGMENTATION OF TRANSFORMER CAPACITY DURING 2023-24 | | | | | | |
|---|---------------------------|---------------|------------------|------------------|---|------------------|
| Sl. No. | Name of the Sub-station | District | Existing (MVA) | Augmented (MVA) | Net increase Transformer capacity (MVA) | Date of charging |
| 19 | 132/33KV SS Madhavaram | Kurnool | 2X 31.5 | 3x31.5 | 31.5 | 11.12.2023 |
| 20 | 132/33kv SS Chakrayapalem | Guntur | 1x31.5 + 1x10/16 | 2x31.5 + 1x10/16 | 31.5 | 18.12.2023 |
| 21 | 132KV SS Tanakallu | Anantapur | 1X 31.5+ 3X10/16 | 2X31.5 +2x10/16 | 15.5 | 08.01.2024 |
| 22 | 132kv SS Kurnool | Kurnool | 2X31.5+1X16 | 3X31.5 | 15.5 | 12.01.2024 |
| 23 | 132KVSS Lingasamudram | Prakasam | 2x10/16 | 2x10/16+1x31.5 | 31.5 | 05.01.2024 |
| 24 | 132KVSS Martur | Prakasam | 1x31.5+ 1x50 | 2x31.5+50 | 31.5 | 10.01.2024 |
| 25 | 132KVSS Koruturu | Nellore | 1x31.5 | 2x31.5 | 31.5 | 03.02.2024 |
| 26 | 132/33kv SS AIIMS | Guntur | 1x31.5 | 2x31.5 | 31.5 | 14.02.2024 |
| 27 | 132KVSS Vinjamuru | Nellore | 1x31.5 + 1x15 | 2x31.5 | 16.5 | 20.02.2024 |
| 28 | 132/33KV SS Anandapuram | Visakhapatnam | 2x31.5+1x10/16 | 3x31.5 | 15.5 | 21.02.2024 |
| 29 | 132/33KV SS Salur | Vizianagaram | 2x16 | 1x31.5 + 1x16 | 15.5 | 27.02.2024 |
| 30 | 132kv SS Karempudi | Guntur | 2x31.5 | 3x31.5 | 31.5 | 20.03.2024 |
| 31 | 13/33kv SS Kovvuru | West Godavari | 2x31.5 | 1x50 + 1x31.5 | 18.5 | 28.03.2024 |
| TOTAL | | | | | 821 | |

7.5 SUBSTATIONS (DISTRICT WISE) AS ON 31-03-2024

| S.No. | Name of the District | No. of Sub-stations | | | | | |
|---------------------------------|----------------------|---------------------|------------|------------|------------------------|-------------------------------|-------------|
| | | 400 kV | 220 kV | 132 kV | No of EHT Sub Stations | No of HT Sub stations (33 KV) | Grand Total |
| APEPDCL | | | | | | | |
| 1. | Srikakulam | 0 | 2 | 10 | 12 | 102 | 114 |
| 2. | Vizianagaram | 1 | 3 | 10 | 14 | 123 | 137 |
| 3. | Visakhapatnam | 1 | 9 | 18 | 28 | 228 | 256 |
| 4. | East Godavari | 1 | 8 | 16 | 25 | 246 | 271 |
| 5. | West Godavari | 2 | 8 | 18 | 28 | 292 | 320 |
| Total for EPDCL | | 5 | 30 | 72 | 107 | 991 | 1098 |
| APCPDCL | | | | | | | |
| 6. | Krishna | 0 | 7 | 14 | 21 | 306 | 327 |
| 7. | Guntur | 1 | 6 | 19 | 26 | 324 | 350 |
| 8. | Prakasam | 1 | 5 | 19 | 25 | 326 | 351 |
| Total for CPDCL | | 2 | 18 | 52 | 72 | 956 | 1028 |
| APSPDCL | | | | | | | |
| 9. | Nellore | 1 | 5 | 22 | 28 | 281 | 309 |
| 10. | Chittoor | 3 | 8 | 30 | 41 | 438 | 479 |
| 11. | Kadapa | 1 | 12 | 25 | 38 | 330 | 368 |
| 12. | Anantapur | 3 | 23 | 22 | 48 | 280 | 328 |
| 13. | Kurnool | 2 | 13 | 18 | 33 | 256 | 289 |
| Total for SPDCL | | 10 | 61 | 117 | 188 | 1585 | 1773 |
| Total for Andhra Pradesh | | 17 | 109 | 241 | 367 | 3532 | 3899 |

7.6 EHV TRANSMISSION LINES COMPLETED/COMMISSIONED DURING 2023-24

| Sl. No. | Name of the line | No. of Circuits | Route Length in KM | Length circuit in CKM | Date of completion/ Commissioning |
|-----------|---|-----------------|--------------------|-----------------------|---|
| A) | 400 kV Lines | | | | |
| 1 | 400KV Manubolu – Sembcorp (SEIL Plant 2) and 400KV Sembcorp (SEIL Plant 2) – Krishnapatnam feeder in Nellore district | 2 | 3.306 | 6.612 | 22.01.2023 & 23.01.2023 |
| | Sub Total | | | 6.612 | |
| B) | 220 kV Lines | | | | |
| 1 | 220kV TMDC Line from 400kV SS Hindupur to 220kV SS Pampanurthanda. | 2 | 69.9095 | 139.819 | 18.05.2023 |
| 2 | 220KV Pallantla- Guddigudem & 220KV Pattiseema -Guddigudem DC Lines | 2 | 11.848 | 23.696 | 19.05.2023 |
| 3 | 220 KV TMDC (29.346 KM) from 400 KV SS Hindupur to 220 KV SS Gollapuram | 2 | 29.346 | 58.692 | 26.07.2023 |
| 4 | 220 KV DC line from 400 KV SS Thalamanchipatnam (Jammalamadugu) to 220 KV SS Porumamilla in YSR Kadapa District | 2 | 99.757 | 199.514 | 27.09.2023 |
| 5 | LILO of 220kV Pallantla - Pattiseema DC Line to the proposed 400kV Guddigudem SS. (220kV Guddigudem - Pallantla-II & 220 KV Guddigudem- Pattiseema -II) | 1 | 23.696 | 23.696 | 08.12.2023 |
| 6 | 220KV SMDC Line from 400KV SS Hindupur to 220KVSS Penokonda (Gorantla) in Ananthapur Dist | 2 | 24.872 | 49.744 | 30.12.2023 |
| 7 | 220KV Rachagunneri- Racherla DC line in Chittoor district. | 2 | 53.52 | 107.04 | 03.01.2024 |
| 8 | 220KV Sulluruepta - Racherla DC line in Chittoor district. | 2 | 19.359 | 38.718 | 10.01.2024 |
| 9 | 220 KV Krishnagiri- Settypalli- line-2 in Kurnool District | 1 | 10.5 | 10.5 | 24.02.2024 |
| 10 | 220kV Purushothapatnam - Guddigudem -I&II in East Godavari & West Godavari Districts | 2 | 23.1 | 46.2 | 14.03.2024 |
| | Sub Total | | | 697.619 | |
| C) | 132 kV Lines | | | | |
| 1 | 132kV Kallurupalli - Korturur DC Line | 2 | 30.084 | 60.168 | 29.04.2023 |
| 2 | Re- arrangement of 132KV Vinukonda-Chilakaluripeta CKT-I line at Loc.No.51(S+0) and 132KV Martur-Yadavalli CKT-II line at Loc.no.52(S+0) as 132kV Chilakuripeta - Yadavalli (22.7CKm) & 132kV Vinukonda - Martur Line (55.144CKm) | 1 | 5.144 | 5.144 | 20.07.2023 |
| 3 | 132 KV DC line from 220/132/33 KV Chakrayapeta Substation to 132/33 KV Galiveedu Substation | 2 | 28.308 | 56.616 | 27.07.2023 |
| 4 | LILO of 132kV K.Kota - Aswaraopeta Ckt-I & II to the proposed T.Narasapuram SS. (only portion of K.Kota - Nrasapuram Ckt-I&II charged.) | 2 | 5.41 | 10.82 | 28.07.2023 |
| 5 | LILO of 132kV K.Kota - Aswaraopeta Ckt-I & Ckt-II to the proposed T,Narasapuram SS.(Portion of Aswaraopeta- T.Narasapuram Ckt-I & II charged.) | 2 | 5.41 | 10.82 | 02.08.2023 From K.Kota- 8.647 Km and from Aswaraopeta - 23.299KM) |
| 6 | 132KV Pamarru - Avanigadda - II | 1 | 36.53 | 36.53 | 24.08.2023 |
| 7 | 132KV Memakuru-Greenlam South DC/SC feeder | 1 | 2.922 | 2.922 | 28.08.2023 |
| 8 | 132KV Ongole-Tangutur ckt-2 in Prakasam district | 1 | 18.32 | 18.32 | 13.01.2024 |
| 9 | 132KV Kandukur-Ulvapadu in Prakasam district | 1 | 6.452 | 6.452 | 18.01.2024 |
| 10 | 132KV P.Dornala - Kesinenipalli | 1 | 0.88 | 0.88 | 07.03.2024 |
| | Sub Total | | | 208.672 | |

7.7 Inter-State and Inter-Regional Tie Line flows - Line wise in MU, Maximum Demand in MW (both Import & Exports) during 2023-24

| Sl. No. | Name of Lines | From State/ Region | To State/ Region | Total Energy MU During The year | | | Max. Demand MW (Date and Time) | | Outage Hours * hh:mm:ss |
|---------|-----------------------------------|--------------------|------------------|---------------------------------|---------|----------|--------------------------------|--------------------------------|-------------------------|
| | | | | Exp | Imp | Net | Exp | Imp | |
| | | | | 400 KV Lines | | | | | |
| 1 | Kalapaka - Asupaka \$ | Andhra Pradesh | Telangana | 266.02 | 262.79 | 3.23 | 278 MW During Aug 23 | - | 2604:11:00 |
| 2 | Kalapaka - Khammam | Andhra Pradesh | Telangana | 0.00 | 0.00 | 0.00 | - | - | 5064:00:00 |
| 3 | 400 KV Sattenapalli-Srisailam-1 | Andhra Pradesh | Telangana | 358.36 | 190.90 | 167.46 | 229 MW During Dec 2023 | 271 MW During Aug 2023 | 96:58:00 |
| 4 | 400 KV Sattenapalli-Srisailam-2 | Andhra Pradesh | Telangana | 357.20 | 194.64 | 162.56 | 230 MW During Dec 2023 | 272 MW During Aug 2023 | 70:50:00 |
| 5 | 400KV Srisailam-Narnoor | Andhra Pradesh | Telangana | 962.84 | 957.91 | 4.923 | 628 MW During July 2023 | 440 MW During Dec 2023 | 238:59:00 |
| 6 | 400 KV Chittoor - Madras | APTRANSCO/AP | PGCIL/TN | 2304.79 | 2281.74 | 23.05 | 580 MW During Sep 2023 | - | 20:46:00 |
| 7 | 400 KV Chittoor - Thiruvalem -I | APTRANSCO/AP | PGCIL/TN | 899.30 | 899.07 | 0.23 | 505 MW During March 2024 | 700 MW During Aug 2023 | 0:00:00 |
| 8 | 400 KV Chittoor - Thiruvalem -II | APTRANSCO/AP | PGCIL/TN | 900.25 | 900.15 | 0.1 | 505 MW During March 2024 | 850 MW During Aug 2023 | 0:00:00 |
| 9 | 400 KV Kalpaka-PGCIL(Gajuwaka)-1 | APTRANSCO/AP | PGCIL | 820.53 | 818.74 | 1.794 | 466 MW June 2023 | - | 45:39:00 |
| 10 | 400 KV Kalpaka-PGCIL(Gajuwaka)-2 | APTRANSCO/AP | PGCIL | 1051.70 | 1054.23 | -2.523 | 467 MW During June 2023 | - | 29:34:00 |
| 11 | 400KV Uravakonda-Veltloor- I | Andhra Pradesh | Telangana | 731.21 | 42.91 | 688.296 | 474.62 MW During July 2023 | 199.48 MW During March 2024 | 8:17:00 |
| 12 | 400KV Uravakonda-Veltloor- II | Andhra Pradesh | Telangana | 369.02 | 20.58 | 348.436 | 476.54 MW During July 2023 | 276.36 MW During Feb 2024 | 3:08:00 |
| 13 | 400KV Sattenapalli – CH.Peta - I | APTRANSCO | PGCIL | 0.03 | 2262.50 | -2262.47 | - | 535 MW During March 2024 | 0:00:00 |
| 14 | 400KV Sattenapalli - CH.Peta - II | APTRANSCO | PGCIL | 0.01 | 2260.87 | -2260.86 | - | 534 MW During March 2024 | 0:00:00 |
| 15 | 400 KV Narnoor - Maheswaram | APTRANSCO/AP | PGCIL/TN | 654.03 | 658.28 | -4.25 | 567 MW During July 2023 | 272 MW During Feb 2024 | 13:57:00 |
| 16 | 400 KV Narnoor- Gooty | APTRANSCO/AP | PGCIL/AP | 1373.09 | 1389.24 | -16.15 | 589 MW During March 2024 | 455 MW During Sep 2023 | 53:57:00 |
| 17 | 400 KV Narnoor - Orvakal-1 | APTRANSCO/AP | PGCIL/AP | 1312.48 | 1308.79 | 3.69 | 511 MW During Sep 2023 | 589 MW During Feb 2024 | 38:52:00 |
| 18 | 400 KV Narnoor - Orvakal-2 | APTRANSCO/AP | PGCIL/AP | 1324.20 | 1312.59 | 11.61 | 514 MW During Sep 2023 | 593 MW During Feb 2024 | 10:13:00 |
| 19 | 400 KV Manubolu - Manubolu (PG)-1 | APTRANSCO | PGCIL | 1373.74 | 34.80 | 1338.94 | 431 MW During July 2023 | - | 42:06:00 |
| 20 | 400 KV Manubolu - Manubolu (PG)-2 | APTRANSCO | PGCIL | 1232.07 | 133.32 | 1098.75 | 900 MW During March 2024 | 430 MW During Sep 2023 | 35:00:00 |
| 21 | 400 KV Manubolu - Nunna | APTRANSCO | PGCIL | 0.00 | 0.00 | 0.00 | - | 261 MW During March 2024 | 25:00:00 |
| 22 | 400 KV Hindupur - NP Kunta - 1 | Andhra Pradesh | Andhra Pradesh | 469.15 | 265.62 | 203.53 | 426 MW During July 2023 | 270 MW During January 2024 | 0:00:00 |

| Sl. No. | Name of Lines | From State/Region | To State/Region | Total Energy MU During The year | | | Max. Demand MW (Date and Time) | | Outage Hours * hh:mm:ss |
|--------------------|--|-------------------|-----------------|---------------------------------|---------|----------|-----------------------------------|----------------------------|-------------------------|
| | | | | Exp | Imp | Net | Exp | Imp | |
| 23 | 400 KV Hindupur - NP Kunta - 2 | Andhra Pradesh | Andhra Pradesh | 480.11 | 219.85 | 260.27 | 337 MW During May 2023 | - | 0:00:00 |
| 24 | 400KV K.V. Kota Suryapeta - I | Andhra Pradesh | Telangana | 110.55 | 320.05 | -209.50 | 322 MW During April 2023 | 380 MW During May 2023 | 3344:05:00 |
| 25 | 400KV K.V. Kota Suryapeta - II | Andhra Pradesh | Telangana | 40.07 | 124.97 | -84.90 | 228 MW During Aug 2023 | 298 MW During June 2023 | 6355:59:00 |
| 26 | 400KV Kadapa (PGCIL) - Chittoor | Andhra Pradesh | Andhra Pradesh | 1435.94 | 1426.58 | 9.36 | 160 MW During July, Sep, Oct 2023 | 520 MW During Aug 2023 | 0:00:00 |
| 27 | Vemagiri - Surampalam -(PGCIL-1) | Andhra Pradesh | PGCIL | 2816.77 | 2821.06 | -4.288 | - | 528 MW During Oct 2023 | 13:10:00 |
| 28 | Vemagiri-Surampalam-(PGCIL-2) | Andhra Pradesh | PGCIL | 2686.28 | 2690.19 | -3.907 | - | 520 MW During Oct 2023 | 13:10:00 |
| 29 | Maradam-Srikakulam-1(PGCIL-1) | Andhra Pradesh | PGCIL | 0.00 | 2796.10 | -2796.1 | - | 603.60 MW During July 2023 | 12:28:00 |
| 30 | Maradam-Srikakulam-2(PGCIL-2) | Andhra Pradesh | PGCIL | 0.00 | 2818.16 | -2818.16 | - | 606.30 MW During July 2023 | 21:10:00 |
| 220KV Lines | | | | | | | | | |
| 1 | 220KV Ragulapadu - Allipura | Andhra Pradesh | Karnataka | 49.55 | 88.25 | -38.7 | 86 MW Oct 2023 | 82.6 MW Aug 2023 | 22:14:00 |
| 2 | 220 KV Chittoor - Tiruvalam SC line | Andhra Pradesh | Tamila Nadu | 167.64 | 0.72 | 166.926 | 206 MW May 2023 | 6 MW Oct 2023 | 6839:07:00 |
| 3 | 220 KV Brahmanakotkur - Wanaparthy | Andhra Pradesh | Telangana | 214.555 | 46.263 | 168.292 | 170 MW Aug 2023 | 77.4 MW Feb 2024 | 63:15:00 |
| 4 | 220 KV Srisailam- Dindi line | Andhra Pradesh | Telangana | 44 | 56.18 | -12.18 | 97 MW April 2023 | 87.28 MW May 2023 | 663:49:00 |
| 5 | 220KV Srisailam-Domalapenta | Andhra Pradesh | Telangana | 9.95 | 61.42 | -51.47 | 97 MW April 2023 | 87.28 MW May 2023 | 0:23:00 |
| 6 | 220KV Srisailam- Nagarjuna Sagar | Andhra Pradesh | Telangana | 160.13 | 36.07 | 124.05 | 97 MW April 2023 | 90 MW April 2023 | 91:18:00 |
| 7 | 220KV Nunna - KTPS | Andhra Pradesh | Telangana | 2.33 | 547.25 | -544.926 | - | 159 MW April 2023 | 225:03:00 |
| 8 | 220KV Chillakallu- Suryapet | Andhra Pradesh | Telangana | - | - | - | - | - | 8784:00:00 |
| 9 | 220KV Chillakallu- Pulichintala | Andhra Pradesh | Telangana | 307.46 | 2.72 | 304.74 | 98 MW Sep 2023 | 22 MW April 2023 | 23:54:00 |
| 10 | 220 KV Tallapalli - Nagarjuna Sagar Ckt-I | Andhra Pradesh | Telangana | 656.67 | 0.00 | 656.67 | 234 MW April 2023 | - | 255:02:00 |
| 11 | 220 KV Tallapalli - Nagarjuna Sagar Ckt-II | Andhra Pradesh | Telangana | 667.53 | 0.00 | 667.53 | 320 MW Aug 2023 | - | 172:33:00 |
| 12 | 220 KV Tallapalli - Nagarjuna Sagar Ckt- III | Andhra Pradesh | Telangana | 390.28 | 0.00 | 390.28 | 180 MW Aug 2023 | - | 146:01:00 |
| 13 | 220 KV Tallapalli - Chalakurthy | Andhra Pradesh | Telangana | 389.37 | 0.00 | 389.37 | 183 MW Oct 2023 | - | 34:06:00 |
| 14 | 220KV Sullurpeta- Gummidipudi | Andhra Pradesh | Tamila Nadu | 514.23 | 19.92 | 494.31 | 211 MW May 2023 | 157 MW April 2023 | 1021:33:00 |
| 15 | 220 KV Lower Sileru -Asupka | Andhra Pradesh | Telangana | 288.72 | 33.36 | 255.36 | 161.53 MW Jan & Feb 2024 | - | 1:42:00 |
| 16 | 220KV Chinturu- B.G Kothuru | Andhra Pradesh | Telangana | 214.31 | 78.29 | 136.02 | 178.28 MW Dec 2023 | - | 7:05:00 |

| Sl. No. | Name of Lines | From State/Region | To State/Region | Total Energy MU During The year | | | Max. Demand MW (Date and Time) | | Outage Hours * hh:mm:ss |
|---------------------|---|-------------------|-----------------|---------------------------------|---------|----------|--------------------------------|-------------------|-------------------------|
| | | | | Exp | Imp | Net | Exp | Imp | |
| 17 | 220KV Nunna-PGCIL-I | Andhra Pradesh | PGCIL | 0.00 | 878.88 | -878.88 | - | 198 MW July 2023 | 92:40:00 |
| 18 | 220KV Nunna-PGCIL-II | Andhra Pradesh | PGCIL | 0.00 | 908.99 | -908.99 | - | 198 MW July 2023 | 28:15:00 |
| 19 | 220KV Nunna-PGCIL-III | Andhra Pradesh | PGCIL | 0.00 | 1442.85 | -1442.85 | - | 314 MW July 2023 | 18:15:00 |
| 20 | 220KV VSS-PGCL-I | Andhra Pradesh | PGCIL | 0.00 | 1670.53 | -1670.53 | - | 275 MW June 2023 | 1:08:00 |
| 21 | 220KV VSS-PGCL-II | Andhra Pradesh | PGCIL | 0.00 | 1596.77 | -1596.77 | - | 256 MW June 2023 | 4:25:00 |
| 22 | 220KV VSS-PGCL-III | Andhra Pradesh | PGCIL | 0.00 | 2484.27 | -2484.27 | - | 406 MW June 2023 | 15:54:00 |
| 132 KV Lines | | | | | | | | | |
| 1 | 132 KV Tangeda - Wadapalli Dc/Sc Line | Andhra Pradesh | Telangana | 112.308 | 48.756 | 63.552 | 62.40 MW Oct 2023 | 62.10 MW Sep 2023 | 9:00:00 |
| 2 | 132 KV Piduguralla - Wadapalli | Andhra Pradesh | Telangana | 0.06555 | 0 | 0.065554 | 21.40 MW Nov 2023 | 0 | 88:29:00 |
| 3 | 132KV Chillakallu- Madhira | Andhra Pradesh | Telangana | 38.99 | 57.0571 | -18.07 | 25 MW April 2023 | 71 MW Jun 2023 | 113:35:02 |
| 4 | 132KV Chillakallu-Peddagopathi-1 (Chillakallu - Kusumanchi renamed from 29.02.2024) | Andhra Pradesh | Telangana | 0.03 | 1.13 | -1.10 | 0.00 | 62 MW Mar 2024 | 122:21:58 |
| 5 | 132KV Chillakallu-Peddagopathi-2 (Chillakallu - Khammam) | Andhra Pradesh | Telangana | - | - | - | - | - | 146:24:00 |
| 6 | 132KV Chillakallu- Seethapuram | Andhra Pradesh | Telangana | 131.63 | 5.21 | 126.42 | 51 MW Sep 2023 | 25 MW May 2023 | 36:39:00 |
| 7 | 132KV Chillakallu- Ramapuram | Andhra Pradesh | Telangana | 158.32 | 1.07 | 157.26 | 64 MW Oct 2023 | 9 MW April 2023 | 34:37:00 |
| 8 | 132KV Chillakallu- SC Railway-1 | Andhra Pradesh | Telangana | 29.87 | 0.00 | 29.87 | 14 MW Dec 2023 | - | 22:44:00 |
| 9 | 132KV Chillakallu- SC Railway-2 | Andhra Pradesh | Telangana | 31.46 | 0.00 | 31.46 | 15 MW July 2023 | - | 5:41:00 |
| 10 | 132KV Chillakallu- Kodad | Andhra Pradesh | Telangana | 3.61 | 0.18 | 3.43 | 69 MW Aug 2023 | 20 MW Jan 2024 | 13:00:36 |
| 11 | 132 KV Kurnool-Alampur -I line from 01.02.2024 | Andhra Pradesh | Telangana | 0.09 | 0.00 | 0.09 | - | - | 146:13:15 |
| 12 | 132 KV AP carbides - Alampur-2 line | Andhra Pradesh | Telangana | 0.09 | 0.00 | 0.09 | - | 35.7 MW Jan 2024 | 146:13:17 |
| 13 | 132KV T.Nsp - Aswaraopeta-1(K.Kota-Aswaraopeta-I) line from 02.08.2023 | Andhra Pradesh | Telangana | 0.01 | 15.19 | - | - | 19.20 MW Jan 2024 | 73:13:39 |
| 14 | 132KV T.Nsp - Aswaraopeta-2 (K.Kota-Aswaraopeta-II) line from 02.08.2023 | Andhra Pradesh | Telangana | 0.00 | 15.38 | - | - | 19.30 MW Jan 2024 | 79:48:00 |
| 15 | 132 KV Pratapnagar-Yanam feeder | Andhra Pradesh | Puducherry | 60.93 | - | 60.93 | 12.70 MW May 2023 | - | 12:54:00 |
| 16 | 132KV Guntakal - Hampi | Andhra Pradesh | Karnataka | 1.53 | 80.78 | -79.25 | 4 MW Feb 2024 | 35 MW Sep 2023 | 257:11:00 |

* It is to be treated as outage hours even if breaker is open at one end and line is Idle charged from the other end also.

220KV Chillakallu-Narketpalli-I is renamed as Chillakallu-Suryapet and Chillakallu-Narketpalli-II is renamed as Chillakallu-Narketpalli WEF 21/12/2016

\$ 400KV Kalpaka -Khammam -I was modified as 400KV Kalpaka-Asupaka from August 2017

7.8 (A) APTRANSCO PURCHASES OF ENERGY

| Year | Purchases from APGENCO | | | Purchases , imports and wheeled | | | | | | | | | Gross Total/ Ex-bus Available | |
|-------------------------|------------------------|----------|----------|---------------------------------|--------------|--------|---------|---------|----------------|--|---------------------|--------------------------------------|-------------------------------------|----------|
| | Hydel | Thermal | Total | Central Sector | NTPC (ER) | PTC | APGPCL | GRID Co | M.P +GEB,WR | Private Projects (excl-3rd party) | Captive & others | 3 rd party energy wheeled &others | | Total |
| | | | | (NTPC,NLC MAP,etc) | | | | | +PSEB +CSEB | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 1999-2K | 8090.55 | 19519.51 | 27610.06 | 7897.00 | 1040.70 | - | 504.24 | 538.37 | 216.81 | 3216.87 | 442.32 | 2280.67 | 16136.98 | 43747.04 |
| 2000-01 | 7048.00 | 19749.00 | 26797.00 | 8288.49 | 1300.34 | - | 504.04 | 875.60 | 162.11 | 3851.64 | 409.61 | 2528.00 | 17919.83 | 44716.83 |
| 2001-02 | 5728.22 | 20244.62 | 25972.84 | 7701.02 | 1608.76 | - | 479.66 | 687.86 | 150.31 | 4839.52 | 664.42 | 2785.65 | 18917.20 | 44890.04 |
| 2002-03 | 3214.00 | 20751.70 | 23965.70 | 11072.55 | 945.80 | 13.07 | 510.47 | 41.65 | 8.68 | 6279.04 | 940.28 | 2010.44 | 21821.98 | 45787.68 |
| 2003-04 | 2934.67 | 20403.94 | 23338.61 | 13011.40 | - | 344.29 | 502.87 | - | - | 7777.17 | 179.32 | 2287.05 | 24102.10 | 47440.71 |
| 2004-05 | 5267.22 | 21145.08 | 26412.31 | 13774.03 | - | - | 1908.20 | - | - | 5899.89 | 748.08 | 2380.32 | 24710.52 | 51122.82 |
| 2005-06 | 7872.53 | 18718.33 | 26590.86 | 15971.13 | - | - | 1752.98 | - | - | 5476.67 | 529.60 | 2253.62 | 25984.00 | 52574.86 |
| 2006-07 | 9246.63 | 19994.07 | 29240.70 | 19487.34 | - | - | 1445.47 | - | - | 5672.82 | 167.36 | 2056.77 | 28829.76 | 58070.46 |
| 2007-08 | 9509.76 | 21451.57 | 30961.33 | 19821.82 | - | - | 1101.43 | - | - | 7283.75 | 356.69 | 1720.12 | 30283.81 | 61245.14 |
| 2008-09 | 7702.54 | 23294.47 | 30997.01 | 25315.86 | - | - | 1440.69 | - | - | 7269.70 | 747.96 | 1615.54 | 36389.75 | 67386.76 |
| 2009-10 | 5450.48 | 24101.16 | 29551.64 | 22851.20 | - | - | 2087.32 | - | - | 16025.76 | 1465.78 | 2630.17 | 45060.23 | 74611.87 |
| 2010-11 | 7717.67 | 26845.72 | 34563.39 | 19986.24 | - | - | 1680.74 | - | - | 18004.95 | 1964.32 | 1564.41 | 43200.66 | 77764.05 |
| 2011-12 | 6375.55 | 32893.11 | 39268.66 | 24953.20 | - | - | 1447.93 | - | - | 16405.69 | 1618.69 | 1466.06 | 45891.57 | 85160.23 |
| 2012-13 | 3206.64 | 34729.55 | 37936.19 | 30413.50 | - | - | 1140.08 | - | - | 9254.72 | 2530.17 | 923.41 | 44261.88 | 82198.07 |
| 2013-14 | 7142.91 | 31706.00 | 38848.91 | 37120.34 | - | - | 1016.48 | - | - | 5459.69 | 4595.37 | 1150.28 | 49342.16 | 88191.07 |
| 2014-15 (Apr&May) | 621.37 | 5702.66 | 6324.03 | 6898.06 | - | - | 172.60 | - | - | 806.71 | 1020.36 | 163.64 | 9061.37 | 15385.40 |
| 2014-15 (Jun to Mar) | 3204.74 | 16228.48 | 19433.22 | 14219.62 | - | - | 456.70 | - | - | 2792.68 | 2486.44 | 869.94 | 20825.38 | 40258.60 |

| 7.8 (A) APTRANSCO PURCHASES OF ENERGY | | | | | | | | | | |
|--|----------------------------------|------------------------------|---------------------------|------------------------------------|--------------------|-------------------------|---|---------------------------------|----------------------------------|--------------------------|
| Year | Purchases from APGENCO | | | Purchases , imports and wheeled | | | | | | Gross Total |
| | Hydel | Thermal | Total | Central Generating Stations Sector | APGPCL | Private Projects (IPPs) | NCEs | others | Total | |
| | | | | (NTPC,NLC MAP,etc) | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 15 |
| 2015-16 | 2320.39 | 12201.93 | 14522.32 | 11925.078 | 90.29 | 4666.187 | 2650.657 | 15659.47 | 34991.68 | 49514.00 |
| 2016-17 | 2180.52 | 14378.91 | 16559.43 | 11639.604 | 84.62 | 7998.419 | 4985.997 | 11369.18 | 36077.82 | 52637.25 |
| 2017-18 | 2655.68 | 18477.70 | 21133.38 | 10139.038 | 147.01 | 6293.119 | 12420.565 | 7442.926 | 36442.66 | 57576.04 |
| 2018-19 | 2680.45 | 22360.83 | 25041.28 | 8018.12 | 1091.40 | 4433.95 | 13360.78 | 11198.03 | 38102.28 | 63143.56 |
| 2019-20 | 3529.60 | 22469.97 | 25999.57 | 14698.3 | 980.63 | 4676.80 | 11857.57 | 4710.12 | 36923.42 | 62922.99 |
| 2020-21 | 3821.86 | 16430.37 | 20252.23 | 12483.03 | 1226.14 | 1989.922 | 13467.48 | 13651.39 | 42817.96 | 63070.19 |
| 2021-22 | 3698.07 | 22009.99 | 25708.07 | 12201.76 | 952.59 | 1070.26 | 14740.71 | 14299.24 | 43264.57 | 68972.63 |
| 2022-23 | 4216.76 | 24643.48 | 28860.24 | 12950.83 | 350.70 | 1947.33 | 16453.30 | 11903.09 | 43605.24 | 72465.48 |
| 2023-24 | 1946.51 | 29769.60 | 31716.10 | 11825.06 | -1.41 | 10514.84 | 17313.42 | 9924.55 | 49576.47 | 81292.57 |
| 7.8(B) SALE OF ENERGY AND SYSTEM LOSSES(Incl.3rd party Energy) | | | | | | | | | | |
| Year | Total | Energy sold | Transmission | Sales | Energy assessed | Exports | Total | System | % System | 3rd party |
| Ending | Energy | to Discoms | Losses | within the | in theft&pilferage | | Sales | Loss | Loss** | Energy |
| March | Handled* | (#) | | State\$ | &back billing | | (5+6) | (2-7) | (8/2) | Handled |
| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 |
| 1999-2K | 43747.04 | -- | -- | 27568.41 | 35.98 | - | 27604.39 | 16142.65 | 36.90 | 2725 |
| 2000-01 | 44716.83 | 40720 | 8.94 | 29457.97 | 310.21 | 29.48 | 29559.62 | 15157.21 | 33.90 | 2528 |
| 2001-02 | 44890.04 | 40419.24 | 9.96 | 31601.03 | - | - | 31601.03 | 13289.01 | 29.60 | 2785.65 |
| 2002-03 | 45787.68 | 41642.51 | 9.05 | 33823.68 | - | - | 33823.68 | 11964.00 | 26.13 | 2010.44 |
| 2003-04 | 47440.71 | 43049.11 | 6.27 | 36459.08 | - | - | 36459.08 | 10981.63 | 23.15 | 2287.05 |
| Year Ending March | Power Purchase (incl. UI Energy) | Discom Input (Transco Sales) | Transmission Losses (%) | DISCOM sales | UI Energy | Interstate sales | Details of Sale of power(DISCO M +UI+Inter state) | T&D Losses (Incl. UI energy) MU | T&D Losses (Incl. UI energy) (%) | 3rd party energy Handled |
| 2004-05 | 51142 | 46255 | 4.53 | 37617.63 | 2132.61 | 439 | 40188.74 | 10953.26 | 21.42 | 2380.32 |
| 2005-06 | 51857.16 | 47807 | 4.48 | 39651.69 | 527.29 | 1199.72 | 41378.7 | 10478.46 | 20.21 | 2253.62 |
| 2006-07 (incl PGCIL losses) | 57464 | 53994.81 | 4.80 | 44850 | 500.26 | 212.85 | 45563.11 | 11900.89 | 20.710 | 1882.95 |
| 2006-07 (excl PGCIL losses) | 57464 | 53994.81 | 3.94 | 44850 | 500.26 | 212.85 | 45563.11 | 11390.58 | 19.822 | 1882.95 |

7.8(B) SALE OF ENERGY AND SYSTEM LOSSES

| Year Ending March | Energy Handled | (Transco Sales) | Transmission Losses (%) | DISCOM sales | 33kv Private developers | 33kv Genco | Sale of power(incl wheeling) | T&D Losses in MU | T&D Loss% |
|--------------------------|-----------------------|------------------------|----------------------------------|---------------------|--------------------------------|-------------------|-------------------------------------|-----------------------------|----------------------|
| 2007-08 | 61797.37 | 56992.07 | 4.27 | 48390.42 | 1616.79 | 93.41 | 49939.14 | 11858.23 | 19.19 |
| 2008-09 | 67386.76 | 62637.1 | 4.02 | 53215.36 | 1276.44 | 107.13 | 54830.9 | 12555.86 | 18.63 |
| 2009-10 | 74611.87 | 68960.26 | 4.65 | 59118.39 | 1484.189 | 81.93 | 60930.058 | 13681.812 | 18.34 |
| 2010-11 | 77764.05 | 72131.75 | 4.50 | 62618.77 | 1472.36 | 92.15 | 64149.24 | 13614.81 | 17.51 |
| 2011-12 | 85050.44 | 79966.26 | 4.22 | 69955.05 | 1465.66 | 91.11 | 71270.35 | 13780.09 | 16.20 |
| 2012-13 | 83291.17 | 77988.21 | 5.24 | 68307.17 | 925.47 | 66.41 | 69281.69 | 14009.48 | 16.82 |
| 2013-14 | 89500.01 | 83847.08 | 5.00 | 73055.73 | 1163.22 | 74.35 | 74158.34 | 15341.67 | 17.14 |
| 2014-15 (Apr& May) | 15590.82 | 14625.73 | 3.92 | 12603.71 | 163.37 | 11.3 | 12603.71 | 2987.11 | 19.16 |
| 2014-15 (Jun to Mar) | 40771.62 | 38215.18 | 3.37 | 35543.8 | 869.379 | 21.83 | 35543.8 | 5227.82 | 12.82 |
| 2015-16 | 50110.44 | 47330.78 | 3.37 | 44439.19 | 1102.37 | 24.81 | 44817.6 | 5292.84 | 10.56 |
| 2016-17 | 54770.55 | 51488.76 | 2.92 | 47822.87 | 1708.36 | 22.07 | 48392.34 | 6378.21 | 11.65 |
| 2017-18 | 58262.62 | 54583.39 | 3.13 | 50519.22 | 1899.13 | 17.03 | 51313.77 | 6948.85 | 11.93 |
| 2018-19 | 63622.05 | 59443.95 | 3.10 | 54567.05 | 2258.01 | 16.85 | 55327.95 | 8294.12 | 13.04 |
| 2019-20 | 65051.14 | 61090.68 | 2.91 | 55865.16 | 2110.62 | 16.35 | 56581.74 | 8469.41 | 13.02 |
| 2020-21 | 63071.55 | 59530.64 | 2.60 | 54676.31 | 1936.75 | 15.33 | 57083.39 | 5988.16 | 9.49 |
| 2021-22 | 69017.87 | 65040.96 | 2.76 | 60313.23 | 2140.07 | 16.5 | 62278.81 | 6739.06 | 9.76 |
| 2022-23 | 72496.51 | 68328.79 | 2.61 | 63824.86 | 2321.67 | 11.45 | 65688.80 | 6807.71 | 9.39 |
| 2323-24 | 81316.24 | 77038.98 | 2.69 | 72745.53 | 2143.91 | 5.48 | 73515.07 | 7801.17 | 9.59 |

7.8 (C) ENRGY BALANCE SHEET 2023-24

| S.No | Particulars | 2023-24 (From Apr-23 to Mar -24) |
|-------------|--|---|
| 1 | Input from State Generators including wheeling | 50024.21 |
| 2 | CGS (Ex-Bus) | 30232.28 |
| 3 | System Input at 132 kv & above including Wheeled Energy (1+2) | 80256.49 |
| 4(a) | Energy delivered by Transco to Discoms through 33KV or 11KV points from EHT SS including Wheeled Energy | 61260.36 |
| 4(b) | Energy delivered by Transco to Discoms at 132KV and above feeder points including Wheeled Energy | 15805.71 |
| 4 (c) | Aux. Consumption | 27.08 |
| 4d | Energy delivered by Transco to Discoms Including Wheeled Energy (4a + 4b - 4c) | 77038.99 |
| 5 | Transmission Losses (Incl.Wheeling) (3-(4a+4b-4c)) inclusive of PGCIL losses (SR Losses) | 3217.50 |
| 6 | % Transmission Losses (Incl wheeling) on respective Inputs{(5/3*100)} inclusive of PGCIL losses | 4.01 |
| 6a | % Transmission Losses (Incl wheeling) on respective Inputs{(5-11)/(3-11)*100)} exclusive of PGCIL losses | 2.69 |
| 7 (a) | Net wheeled Energy at 132 KV & above by Third Party Developers | 96.36 |
| 7(b) | 132KV Open Access sales | 673.18 |
| 8 | Energy delivered by Transco to Discoms Excluding Wheeled Energy at 132 KV & above ((4a+4b-4c) - (7a+7b)) | 76269.45 |
| 9a | Drawls at 33 KV & 11 KV from TP developers | 2120.40 |
| 9b | Energy received (+)/sent out (-) at interface points of other circles (MU) | 23.51 |
| 10 | Drawls at 33 KV & 11 KV from Genco | 5.48 |
| 11 | External losses (PGCIL/SR losses) | 1089.59 |
| 12 | Input to Discoms (Incl Wheeling Energy)(8+9a+9b+10) | 78418.84 |
| 13 | Discoms sales of Energy (Excl Wheeling) | 71722.38 |
| 14a | Net Wheeled Energy at 33 KV & Below by Third Party consumers + 75% Wheeling charge for 3rd party sale at 33 KV and below | 52.14 |
| 14b | 33 kv open access sales | 915.24 |
| 14c | 11 kv open access sales | 55.77 |
| 15 | Discoms sales of Energy (Incl. Wheeling) (13 + 14a+14b+14c) | 72745.53 |
| 16 | Distribution Losses (Incl. wheeling) (12-15) | 5673.31 |
| 17 | % Distribution losses (Incl.Wheeling) on respective inputs { (16/12)*100 } | 7.23 |
| 18 | T & D Input (Ex-Bus Availability) (3+9a+9b+10) | 82405.88 |
| 19 | T & D Sales (Incl.Wheeling) by Discoms (15+7a+7b) | 73515.07 |
| 20 | T & D Losses (Incl. Wheeling) (18-19) | 8890.81 |
| 21 | %T & D losses (Incl.wheeling) &(Incl SR Losses) (20/18*100) | 10.56 |
| 22 | T & D Losses (Incl. Wheeling) & (Excl. SR Losses) (20-11) | 7801.22 |
| 23 | T & D Input (Ex-Bus Availability) (Excl. SR Losses) (18-11) | 81316.29 |
| 24 | %T & D losses (Incl.wheeling) (Excluding SR Losses)((22/23)*100) | 9.59 |
| | % PGCIL losses due to Central Generating Stations | 3.60 |

**7.8(D) Per Capita Electricity Consumption of
Andhra Pradesh and All India**

Units In kWh

| Financial Year | Andhra Pradesh | All India |
|-----------------------|-----------------------|------------------|
| 2014-15 | 1040 | 1010 |
| 2015-16 | 1230 | 1075 |
| 2016-17 | 1319 | 1122 |
| 2017-18 | 1388 | 1149 |
| 2018-19 | 1480 | 1181 |
| 2019-20 | 1507 | 1208 |
| 2020-21 | 1434 | 1161 |
| 2021-22 | 1567 | 1255 |
| 2022-23 | 1634 | 1331 |
| 2023-24 | 1797 | 1395 |

Note: Per Capita Electricity Consumption of AP Calculated as per CEA Methodology,

**7.9 CATEGORY-WISE SERVICES AS ON 31.3.2024
(Including RESCOs)**

| S.No. | DISTRICT | L.T.CATEGORY | | | | | | H.T. | TOTAL |
|----------------------------|---------------|-----------------|----------------|---------------|---------------|----------------|-----------------|--------------|-----------------|
| | | I | II | III | IV | V | Total LT | | |
| | | Dom | Comml | Ind | Instl | Agl | | | |
| 1 | SRIKAKULAM | 728584 | 71120 | 2533 | 22510 | 35107 | 859854 | 484 | 860338 |
| 2 | VIZIANAGARAM | 771453 | 77997 | 2948 | 20097 | 55615 | 928110 | 419 | 928529 |
| 3 | VISAKHAPATNAM | 1548097 | 174475 | 4640 | 31816 | 50720 | 1809748 | 1783 | 1811531 |
| 4 | EAST GODAVARI | 1679603 | 195649 | 6309 | 41570 | 56030 | 1979161 | 1298 | 1980459 |
| 5 | WEST GODAVARI | 1291831 | 158290 | 4518 | 31503 | 111082 | 1597224 | 952 | 1598176 |
| TOTAL APEPDCL | | 6019568 | 677531 | 20948 | 147496 | 308554 | 7174097 | 4936 | 7179033 |
| 6 | KRISHNA | 1510253 | 192320 | 7003 | 28045 | 141021 | 1878642 | 1732 | 1880374 |
| 7 | GUNTUR | 1255677 | 151308 | 5041 | 22377 | 123335 | 1557738 | 1275 | 1559013 |
| | CRDA | 367568 | 36920 | 1532 | 6020 | 9650 | 421690 | 562 | 422252 |
| 8 | PRAKASAM | 1009387 | 102612 | 5694 | 19573 | 215856 | 1353122 | 1221 | 1354343 |
| TOTAL APCPDCL | | 4142885 | 483160 | 19270 | 76015 | 489862 | 5211192 | 4790 | 5215982 |
| 9 | NELLORE | 1196886 | 133907 | 8767 | 30629 | 251622 | 1621811 | 1167 | 1622978 |
| 10 | CHITTOOR | 1507696 | 179511 | 22094 | 50606 | 355088 | 2114995 | 2013 | 2117008 |
| 11 | KADAPA | 968983 | 109438 | 7656 | 31456 | 186727 | 1304260 | 889 | 1305149 |
| 12 | ANANTAPUR | 1314419 | 145091 | 16021 | 30484 | 351985 | 1858000 | 1188 | 1859188 |
| 13 | KURNOOL | 1261175 | 150225 | 11414 | 26269 | 223521 | 1672604 | 1023 | 1673627 |
| TOTAL APSPDCL | | 6249159 | 718172 | 65952 | 169444 | 1368943 | 8571670 | 6280 | 8577950 |
| TOTAL FOR A.P.STATE | | 16411612 | 1878863 | 106170 | 392955 | 2167359 | 20956959 | 16006 | 20972965 |

7.10 INTER STATE TRANSMISSION LINES

| Sl.No | Name of the Inter State Line | SC/DC | Voltage in kV | Length in C.K.M. | COD |
|-------|--|-------|---------------|------------------|------------------------------|
| 1 | 400KV VTPS - Suryapet line- I | DC | 400 | 143.26 | 02.04.2013 |
| 2 | 400KV VTPS - Suryapet line-II | | | | |
| 3 | 400 KV Srisailam-Sathenapalli Ckt I & II (DC) feeder | DC | 400 | 330 | 23.10.2000 |
| 4 | LILO of VSTS -Srisailam portion at 400KV Sathenapalli Substation | | | | 12.02.2014 |
| 5 | 400 KV Kurnool- Srisailam LB (SC) feeder | SC | 400 | 100.5 | 06.03.2001 |
| 6 | 400KV Kalpaka -Khammam (400KV B'Padu - Kalpaka) | SC | 400 | 239.00 | 10.05.2002 |
| 7 | 400 KV Kalpaka-Asupaka | SC | 400 | 239.00 | 10.05.2002 |
| 8 | 400KV Uravakonda-Veltoor I | DC | 400 | 248.6 | 17.11.2016 |
| 9 | 400KV Uravakonda-Veltoor II | | | | |
| 10 | 400KV K.V. Kota Suryapeta - I | DC | 400 | 178.712 | 25.01.2017 |
| 11 | 400KV K.V. Kota Suryapeta - II | | | | |
| 12 | 220KV Nunna - KTPS SC Line | SC | 220 | 61.15 | 21.01.1992 |
| 13 | 220KV Tallapalli - Nagarjunasagar - I feeder | DC | 220 | 20 | 05.08.1985 |
| 14 | 220KV Tallapalli - Nagarjunasagar - II feeder | | | | |
| 15 | 220KV Tallapalli - Nagarjunasagar -III feeder | SC | 220 | 11.00 | 27.01.1985 |
| 16 | 220KV Tallapalli - Chalakurthy feeder | SC | 220 | 11.00 | 21.07.2007 |
| 17 | 220KV Chillakallu - Narketpalli Ckt I & II (Pulichinthala) | SC | 220 | 20.68 | 29.03.1999 |
| 18 | 220 KV Brahmnaotkur-Wanaparthy line (LIS) | DC | 220 | 18.85 | 29.10.2010 |
| 19 | 220 KV Srisailam- Dindi Line | DC | 220 | 2 | 22.06.1985 |
| 20 | 220 KV Srisailam - Domalapenta | | | | 12.09.1982 |
| 21 | 220 KV Srisailam-Nagarjuna Sagar | SC | 220 | 11.00 | 07.02.1989 |
| 22 | 220KV LSR - Asupaka ((Earlier Lower Sileru – KTS ckt - I) | DC | 220 | 120.34 | 31.03.1967 |
| 23 | 220 KV Lower Sileru -KTS II | DC | 220 | 176.40 | 31.03.1979 |
| 24 | 220KV Chittoor - Thiruvalem (Tamilnadu) | SC | 220 | 28.71 | 17.03.2013 |
| 25 | 220KV Sullurpet -Gummadipoondi (Tamilnadu) (Originally Nellore-Ennore) | SC | 220 | 30.74 | 31.10.2012 |
| 26 | 220KV Ragulapadu-Allipura (Loc.No. 119 to 170) (included Ragulapadu LILO Loc.No. 119/01 to 119/70) (Karnataka) | SC | 220 | 39.16 | 1963 06-06-2011 (LILO) |
| 27 | 132KV Nagarjunasagar - RCPH feeder | SC | 132 | 6.00 | 25.02.1983 |
| 28 | 132KV Piduguralla - Wadapalli | DC | 132 | 86.44 | 22.02.2014 |

7.10 INTER STATE TRANSMISSION LINES

| Sl.No | Name of the Inter State Line | SC/DC | Voltage in kV | Length in C.K.M. | COD |
|-------|--|-------|---------------|------------------|-------------|
| 29 | 132KV Tangeda - Wadapalli DC/SC line | SC | 132 | 27.38 | 26.08.2010 |
| 30 | 132KV Chillakallu - Kodada SC line | SC | 132 | 11.72 | 10.06.2004 |
| 31 | 132KV Chillakallu - Vepulasingaram SC line (Ramapuram) | SC | 132 | 15.00 | 21.10.1982 |
| 32 | 132KV Chillakallu - Sitapuram SC line | SC | 132 | 15.00 | 06.04.2004 |
| 33 | 132KV Chillakallu - Madhira SC line | SC | 132 | 21.0 | 27.10.2001 |
| 34 | 132KV Sitapuram - KCP Cements line | SC | 132 | 2.03 | 10.05.2010 |
| 35 | 132KV Chillakallu - Bonakallu Railway Traction I (DC) feeder | DC | 132 | 37 | 20.01.1987 |
| 36 | 132KV Chillakallu - Bonakallu Railway Traction II (DC) feeder | | | | |
| 37 | 132 KV A.P.Carbides - Alampur I | DC | 132 | 14.27 | 31.02.2000 |
| 38 | 132 KV A.P.Carbides - Alampur II | DC | 132 | 14.27 | 30.01.2000 |
| 39 | 132KV K.Kota - Aswaraopet I | DC | 132 | 62.1 | 09.06.1982 |
| 40 | 132KV K.Kota - Aswaraopet II | DC | 132 | | |
| 41 | 132 KV Pratapnagar(Kakinada)- Yanam(pondichery) | SC | 132 | 30.30 | 21.11.2013 |
| 42 | 132KV Guntakal- Humpi | SC | 132 | 97.21 | 19-07-1988. |
| 43 | 132KV Chillakallu-Peddagopathi-1 (Earlier Chilakallu - Kusumanchi) | DC | 132 | 63.40 | 23.12.2022 |
| 44 | 132KV Chillakallu-Peddagopathi-2 (Earlier Chilakallu - Khammam) | DC | 132 | 63.40 | 23.12.2022 |

\$ 400KV Kalpaka -Khammam -I was modified as 400KV Kalpaka-Asupaka from August 2017

7.11 GROWTH OF CONSUMERS AND CONNECTED LOAD

| SL. No. | Category | 1987-88 | | 1988-89 | | 1989-90 | | 1990-91 | | 1991-92 | |
|---------------------------|------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) |
| LOW TENSION | | | | | | | | | | | |
| I. | 1.Domestic | 3410100 | 1598 | 3975147 | 1789 | 4428828 | 2003 | 4730697 | 2110 | 5162662 | 2303 |
| | 2.Non-Domestic | 437519 | 308 | 467803 | 321 | 483829 | 332 | 504044 | 344 | 531543 | 363 |
| | 3.Industrial | 88353 | 944 | 95131 | 1013 | 107407 | 1144 | 114057 | 1212 | 121352 | 1293 |
| | 4.Cottage Industries | 4456 | 9 | 5309 | 10 | 6437 | 12 | 7569 | 14 | 8489 | 16 |
| | 5.Agricultural | 834435 | 2741 | 951466 | 3130 | 1056407 | 3462 | 1134519 | 3760 | 1211003 | 4013 |
| | 6.Public Lighting | 36507 | 50 | 41044 | 53 | 45157 | 58 | 47012 | 59 | 48797 | 62 |
| | 7.General Purpose | 45110 | 28 | 49849 | 30 | 55870 | 33 | 56817 | 33 | 58754 | 34 |
| | Total L.T (I) | 4856480 | 5678 | 5585749 | 6346 | 6183935 | 7044 | 6594715 | 7532 | 7142600 | 8084 |
| HIGH TENSION | | | | | | | | | | | |
| II. | 1.Industrial Ordinary Tariff | 2284 | 1430 | 2382 | 1516 | 2628 | 1672 | 2724 | 1733 | 2880 | 2086 |
| | 2.Industrial (Intensive) | 9 | 127 | 10 | 129 | 10 | 129 | 27 | 348 | 18 | 318 |
| | 3.Industrial (Alternative) | 664 | 397 | 704 | 411 | 790 | 461 | 847 | 494 | 802 | 468 |
| | 4.Agricultural | 135 | 30 | 155 | 32 | 157 | 32 | 180 | 37 | 187 | 57 |
| | 5.Temporary | 9 | 2 | 12 | 3 | 8 | 2 | 11 | 3 | 7 | 3 |
| | 6.Railway Traction | 12 | 211 | 17 | 227 | 17 | 227 | 20 | 267 | 21 | 210 |
| | Total H.T (II) | 3113 | 2197 | 3280 | 2318 | 3610 | 2523 | 3809 | 2882 | 3915 | 3142 |
| Grand Total (I+II) | | 4859593 | 7875 | 5589029 | 8664 | 6187545 | 9567 | 6598524 | 10414 | 7146515 | 11226 |

| 7.11 GROWTH OF CONSUMERS AND CONNECTED LOAD | | | | | | | | | | | |
|---|------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| SL. No. | Category | 1992-93 | | 1993-94 | | 1994-95 | | 1995-96 | | 1996-97 | |
| | | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) |
| 1. | 2. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| I. | LOW TENSION | | | | | | | | | | |
| | 1.Domestic | 5556713 | 2525 | 5787801 | 2609 | 6019042 | 2729 | 6433913 | 3425 | 6803038 | 3756 |
| | 2.Non-Domestic | 557224 | 379 | 586558 | 403 | 617301 | 425 | 666774 | 599 | 720500 | 709 |
| | 3.Industrial | 127315 | 1338 | 131188 | 1188 | 117451 | 1051 | 121056 | 1840 | 117571 | 1790 |
| | 4.Cottage Industries | 9296 | 18 | 11663 | 23 | 12590 | 25 | 17114 | 57 | 13416 | 52 |
| | 5.Agricultural | 1331555 | 4414 | 1433732 | 4756 | 1529892 | 5077 | 1562922 | 5553 | 1705937 | 5999 |
| | 6.Public Lighting | 50794 | 62 | 52271 | 58 | 45458 | 63 | 46154 | 88 | 54251 | 89 |
| | 7.General Purpose | 60603 | 36 | 59588 | 37 | 60610 | 38 | 62322 | 50 | 63955 | 52 |
| | 8.Temporary | - | - | - | - | - | - | 651 | - | 644 | - |
| Total L.T | 7693500 | 8772 | 8062801 | 9074 | 8402344 | 9408 | 8910906 | 11612 | 9479312 | 12447 | |
| II. | HIGH TENSION | | | | | | | | | | |
| | 1.Industrial Ordinary Tariff | 2313 | 2091 | 2357 | 2131 | 2431 | 2198 | 2514 | 1855 | 2571 | 2043 |
| | 2.Industrial (Intensive) | 15 | 122 | 14 | 114 | 11 | 90 | 12 | 212 | 12 | 219 |
| | 3.Industrial (Alternative) | 816 | 311 | 794 | 302 | 795 | 303 | 829 | 374 | 842 | 383 |
| | 4.Agricultural | 198 | 58 | 208 | 61 | 218 | 65 | 223 | 104 | 235 | 108 |
| | 5.Temporary | 8 | 22 | 6 | 17 | 7 | 17 | 2 | 1 | 4 | - |
| | 6.Railway Traction | 22 | 244 | 23 | 255 | 26 | 289 | 27 | 235 | 30 | 262 |
| | 7.Others ** | 40 | 61 | 82 | 76 | 107 | 165 | 113 | 168 | 123 | 188 |
| Total H.T | 3412 | 2909 | 3484 | 2956 | 3595 | 3127 | 3720 | 2949 | 3817 | 3203 | |
| Grand Total (I+II) | | 7696912 | 11681 | 8066285 | 12030 | 8405939 | 12535 | 8914626 | 14561 | 9483129 | 15650 |

** Reconciled data.

7.11 GROWTH OF CONSUMERS AND CONNECTED LOAD

| SL. No. | Category | 1997-98 | | 1998-99* | | 1999-2000 | | 2000-01 | | 2001-02 | |
|---------------------------|------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) |
| 1. | 2. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| I. | LOW TENSION | | | | | | | | | | |
| | 1.Domestic | 7300553 | 4028 | 7694653 | 4246 | 8124786 | 5039 | 10258476 | 5280 | 10708638 | 5431 |
| | 2.Non-Domestic | 774054 | 762 | 820077 | 807 | 865161 | 810 | 907119 | 883 | 957448 | 991 |
| | 3.Industrial | 119737 | 1823 | 126180 | 1921 | 135703 | 2456 | 145786 | 2098 | 152203 | 2263 |
| | 4.Cottage Industries | 13712 | 54 | 14393 | 57 | 14950 | 56 | 15668 | 44 | 16232 | 51 |
| | 5.Agricultural | 1736025 | 6117 | 1792113 | 6315 | 1821280 | 6244 | 1821280 | 6267 | 2088759 | 7428 |
| | 6.Public Lighting | 56843 | 92 | 63643 | 103 | 66133 | 219 | 68212 | 151 | 70753 | 187 |
| | 7.General Purpose | 65850 | 53 | 67977 | 55 | 71285 | 86 | 72646 | 68 | 74113 | 70 |
| | 8.Temporary | 381 | | 567 | - | 813 | 3 | 813 | 2 | 813 | 3 |
| | Total L.T | 10067155 | 12929 | 10579603 | 13504 | 11100111 | 14913 | 13290000 | 14793 | 14068959 | 16424 |
| II. | HIGH TENSION | | | | | | | | | | |
| | 1.Industrial Ordinary Tariff | 2549 | 2172 | 2543 | 2501 | 2541 | 1810 | 2618 | 2418 | 2726 | 2482 |
| | 2.Industrial (Intensive) * | 13 | 368 | | | | | | | | |
| | 3.Industrial (Alternative) | 870 | 372 | 929 | 397 | 999 | 209 | 1062 | 446 | 1184 | 532 |
| | 4.Agricultural | 236 | 94 | 227 | 100 | 243 | 70 | 258 | 101 | 273 | 99 |
| | 5.Temporary | 6 | 0.27 | 3 | 0.2 | 2 | 2 | 36 | 402 | 37 | 418 |
| | 6.Railway Traction | 33 | 292 | 34 | 301 | 36 | 281 | 141 | 44 | 155 | 47 |
| | 7.Others ** | 128 | 194 | 139 | 198 | 144 | 177 | 79 | 139 | 185 | 253 |
| | Total H.T | 3835 | 3492 | 3875 | 3497 | 3965 | 2549 | 4194 | 3550 | 4560 | 3831 |
| Grand Total (I+II) | | 10070990 | 16421 | 10583478 | 17001 | 11104076 | 17462 | 13294194 | 18343 | 14073519 | 20255 |

*Industrial (Intensive) category is merged with Industrial(Segregated) cat 1 w.e.f.1998-99.

** Reconciled data.

7.11 GROWTH OF CONSUMERS AND CONNECTED LOAD

| .. No | Category | 2002-03 | | 2003-04 | | 2004-05 | | 2005-06 | | 2006-07 | | 2007-08 | | 2008-09 | | 2009-10 | | 2010-11 | | 2011-12 | | 2012-13 | | 2013-14 | |
|---------------------|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) ** | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) |
| 1. | 2. | 3 | 4 | 5 | 6 | 5 | 6 | 7 | 8 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| LOW TENSION | | | | | | | | | | | | | | | | | | | | | | | | | |
| I. | 1.Domestic | 11202343 | 6306 | 11956602 | 7880.38 | 12586922 | 8293.69 | 13220362 | 8754 | 14118205 | 10041 | 15065510 | 12182 | 16104394 | 12391 | 17065491 | 13186 | 17927353 | 13922 | 18781332 | 14216 | 19593105 | 16275 | 20322094 | 17171 |
| | 2.Non-Domestic | 1015974 | 1087 | 1148702 | 1409.66 | 1209442 | 1484.34 | 1268594 | 1787 | 1325145 | 2094 | 1386983 | 2898 | 1454333 | 2955 | 1528468 | 3451 | 1614817 | 3808 | 1711339 | 3951 | 1813724 | 4480 | 1912364 | 4538 |
| | 3.Industrial | 157754 | 2489 | 162994 | 2564.31 | 169363 | 2660.91 | 175069 | 2986 | 179978 | 3145 | 185480 | 3411 | 190395 | 3551 | 195267 | 3811 | 201064 | 3917 | 208903 | 4870 | 214829 | 3694 | 220032 | 3666 |
| | 4.Cottage Industries | 16755 | 65 | 17578 | 79.61 | 18041 | 71.44 | 18649 | 74 | 19138 | 77 | 19861 | 80 | 20373 | 86 | 20830 | 80 | 21621 | 85 | 23085 | 104 | 23991 | 221 | 24771 | 289 |
| | 5.Agricultural | 2257969 | 8027 | 2309605 | 8208.82 | 2374365 | 7981.37 | 2440823 | 8205 | 2527800 | 9367 | 2599635 | 9518 | 2680671 | 10302 | 2769275 | 12080 | 2909006 | 12769 | 3061914 | 12856 | 3203871 | 13309 | 3344637 | 13851 |
| | 6.Public Lighting | 77722 | 225 | 97362 | 541.44 | 101194 | 429.91 | 105855 | 450 | 111270 | 514 | 115760 | 811 | 123254 | 1042 | 128368 | 835 | 132684 | 901 | 138804 | 1142 | 147679 | 963 | 155211 | 889 |
| | 7.General Purpose | 75793 | 83 | 78525 | 95.00 | 82023 | 98.91 | 85232 | 124 | 88254 | 162 | 90588 | 188 | 96671 | 262 | 107483 | 262 | 134062 | 309 | 141523 | 273 | 145018 | 378 | 147753 | 392 |
| | 8.Temporary | 0 | 0 | 757 | 0.24 | 830 | 0.25 | 949 | 0.28 | 1019 | 0 | 1114 | 66 | 1237 | 2 | 1351 | 4 | 1700 | 59 | 2033 | 8 | 2223 | 6 | 2421 | 6 |
| | Total L.T | 14804310 | 18282 | 15772125 | 20779.45 | 16542180 | 21020.81 | 17315533 | 22379 | 18370809 | 25400 | 19464931 | 29154 | 20671328 | 30591 | 21816533 | 33709 | 22942307 | 35770 | 24068933 | 37421 | 25144440 | 39326 | 26129283 | 40802 |
| HIGH TENSION | | | | | | | | | | | | | | | | | | | | | | | | | |
| II. | Total H.T | 4971 | 3974 | 5347 | 3995 | 5842 | 4316.29 | 6392 | 4701.90 | 7220 | 5153 | 8376 | 6525 | 9711 | 6160.0 | 10866 | 6373 | 12028 | 7752 | 13365 | 10357 | 14935 | 9115 | 16230 | 13921 |
| | Grand Total (I+II) | 14809281 | 22255 | 15777472 | 24775 | 16548022 | 25337.10 | 17321925 | 27081.29 | 18378029 | 30553 | 19473307 | 35679 | 20681039 | 36751 | 21827399 | 40082 | 22954335 | 43522 | 24082298 | 47778 | 25159375 | 48441 | 26145513 | 54723 |

*Industrial (Intensive) category is merged with Industrial(Segregated) cat 1 w.e.f.1998-99.

↑ Including RESCO services

** R HT connected load reconciled for 2008-09

| 7.11 GROWTH OF CONSUMERS AND CONNECTED LOAD | | | | | | | | | | | |
|---|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| SL. No. | Category | 2014-15(Resi AP) | | 2015-16 | | 2016-17 | | 2017-18 | | 2018-19 | |
| | | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW)* | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) |
| 1. | 2. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| I. | LOW TENSION | | | | | | | | | | |
| | 1.Domestic | 12648102 | 10655 | 13176880 | 9686.07 | 13885966 | 10445.977 | 14338841 | 13688.93 | 14799199 | 14375.84 |
| | 2.Non-Domestic | 1104366 | 2440 | 1173535 | 2230.98 | 1254523 | 2426.16 | 1349834 | 3013.99 | 1465736 | 3286.02 |
| | 3.Industrial | 134100 | 2886 | 137934 | 2092.597 | 144124 | 2312.779 | 155521 | 5621.88 | 163809 | 5921.72 |
| | 4.Cottage Industries | 16029 | 267 | 16493 | 42.668 | 16885 | 44.603 | 17812 | 109.47 | 18899 | 116.53 |
| | 5.Agricultural | 1509495 | 7536 | 1581855 | 7126.508 | 1657258 | 7627.073 | 1720670 | 7753.33 | 1737214 | 8156.1 |
| | 6.Public Lighting | 91440 | 583 | 95274 | 403.98 | 100209 | 450.634 | 104490 | 842.05 | 107895 | 870.11 |
| | 7.General Purpose | 105297 | 269 | 106975 | 128.39 | 111788 | 136.512 | 120989 | 1069.72 | 129997 | 1150.62 |
| | 8.Temporary | 2205 | 5 | 2483 | 0.5 | 2769 | 0.69 | 2929 | 158.79 | 3098 | 169.32 |
| | Total L.T | 15611034 | 24641 | 16291429 | 21711.693 | 17173522 | 23444.428 | 17811086 | 32258.16 | 18425847 | 34046.26 |
| II. | HIGH TENSION | | | | | | | | | | |
| | Total H.T | 7835 | 9466 | 8348 | 5176.67 | 8958 | 5860.589 | 9630 | 8523.19 | 10513 | 9363.78 |
| Grand Total (I+II) | | 15618869 | 34107 | 16299777 | 26888.363 | 17182480 | 29305.017 | 17820716 | 40781.35 | 18436360 | 43410.04 |

* SPDCL DATA REVISED

7.11 GROWTH OF CONSUMERS AND CONNECTED LOAD

| SL. No. | Category | 2019-20 | | 2020-21 | | 2021-22* | | 2022-23 | | 2023-24 | |
|---------------------------|--------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) | Number of Consumers | Connected Load (MW) |
| 1. | 2. | 13 | 14 | 15 | 16 | 17 | 18 | 17 | 18 | 17 | 18 |
| I. | LOW TENSION | | | | | | | | | | |
| 1 | Domestic supply | 14904878 | 14451.38 | 15293063 | 15290 | 15553787 | 16800.52 | 15848818 | 17634.71 | 16411612 | 19009.72 |
| 2 | Commercial | 1564086 | 3547.07 | 1654122 | 3785 | 1708407 | 4115.37 | 1788772 | 6109.37 | 1878863 | 6544.39 |
| 3 | Industrial/Cottage Industrial | 94904 | 2524.33 | 111066 | 2433 | 104179 | 2503.62 | 104461 | 3309.23 | 106170 | 2958.00 |
| 4 | Institutional | 1812376 | 11187.26 | 386173 | 11743 | 398702 | 923.52 | 371019 | 1967.56 | 392955 | 2038.92 |
| 5 | Agriculture & related Services | 418741 | 2238.366 | 1887110 | 1700 | 1825479 | 11444.51 | 2068329 | 16826.09 | 2167359 | 16000.83 |
| | Total L.T | 18794985 | 33948.406 | 19331534 | 34951 | 19590554 | 35787.55 | 20181399 | 45846.96 | 20956959 | 46551.85 |
| II. | HIGH TENSION | | | | | | | | | | |
| | Total H.T | 14321 | 7395.44 | 14916 | 8358.98 | 14317 | 8255.19 | 15180 | 9908.16 | 16006 | 9940.50 |
| Grand Total (I+II) | | 18809306 | 41343.846 | 19346450 | 43309.98 | 19604871 | 44042.75 | 20196579 | 55755.11 | 20972965 | 56492.36 |

* Number of consumer Services reconciled for the FY 2021-22

7.12 LINES AND SUB-STATIONS (YEAR - WISE)

I - TRANSMISSION in CKM AND DISTRIBUTION LINES (in KM)

| Sl. No | VOLTAGE | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 Residuary AP |
|--------|------------------|---------------|---------------|-----------------|---------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|---------------|---------------|------------------|------------------|---------------|-------------------|
| 1 | 400 kV | 46 | 893 | 1301 | 2033 | 2033 | 2033 | 2686 | 2816 | 2987.56 | 3009 | 3172.37 | 3308 | 3308 | 4111.658 | 4257 | 2400 |
| 2 | 220 kV | 8957 | 9607 | 10341.35 | 10940 | 11127.33 | 11462 | 11569.99 | 11784.328 | 12236.7 | 12503 | 12693.18 | 12878 | 13622.57 | 13917.506 | 14389 | 8395 |
| 3 | 132 kV | 10922.5 | 11790.5 | 12404.28 | 12784 | 13021.82 | 13342.24 | 13886.08 | 14314 | 14705.52 | 14939.547 | 15103.45 | 15587 | 15915.16 | 16259.578 | 16642 | 8600 |
| 4 | 66 kV | 186 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 33kV | 29884 | 30517 | 30537.05 | 32284 | 32710.8 | 33559.52 | 34835.29 | 35950 | 37205.94 | 38628 | 40033 | 40432 | 41128 | 42462.9 | 43929 | 24084 |
| 6 | 11kV | 166244 | 169649 | 165299 | 178321 | 186722.9 | 202281.6 | 214743.2 | 224688 | 234148.05 | 248670 | 260406 | 270167 | 279894 | 290219.3 | 300932 | 184499 |
| 7 | L.T Lines in kV | 424277 | 460863 | 442209 | 467313 | 473928.2 | 486191.3 | 504820.4 | 513166 | 517685.24 | 527852 | 532656 | 542716 | 551959 | 559839.94 | 566392 | 288769 |
| | Total CKM | 640804 | 683608 | 662386.5 | 703675 | 719838.5 | 749164.2 | 782835.5 | 802718.33 | 818969.01 | 845601.55 | 864064 | 885088 | 905826.73 | 926810.88 | 946541 | 516747 |
| | Reconciled | | | | | | | | | | | | | | | | |

II - SUB - STATIONS (Nos)

| Sl. No | Voltage (kV) | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|--------|---------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1 | 400 kV | Nil | 2 | 3 | 3 | 3 | 3 | 7 | 7 | 8 | 9 | 9 | 10 | 10 | 11 | 12 | 6 |
| 2 | 220 kV | 59 | 63 | 69 | 73 | 76 | 78 | 79 | 82 | 90 | 93 | 96 | 99 | 109 | 117 | 120 | 71 |
| 3 | 132 kV * | 170 | 180 | 186 | 191 | 210 | 229 | 243 | 256 | 264 | 269 | 277 | 295 | 309 | 312 | 329 | 169 |
| 4 | 66 kV | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 33 kV | 1764 | 1862 | 1941 | 2123 | 2329 | 2474 | 2642 | 2821 | 3023 | 3355 | 3714 | 3887 | 4056 | 4369 | 4674 | 2737 |
| | Total Nos | 1996 | 2107 | 2199 | 2390 | 2618 | 2784 | 2971 | 3166 | 3385 | 3726 | 4096 | 4291 | 4484 | 4809 | 5135 | 2983 |
| 6 | Distribution Transformers (Nos) | 186847 | 201801 | 216453 | 242668 | 323033 | 405937 | 474959 | 519365 | 580721 | 725837 | 737544 | 811108 | 894581 | 958015 | 1032863 | 621171 |
| 7 | DTRs Transformer Capacity (MVA) | 14490 | 15650 | 16413.04 | 17763.3 | 19976.71 | 22425.65 | 24483.84 | 26025 | 28155.518 | 30574 | 32571 | 33617 | 36981 | 40042 | 42401.657 | 21798 |

(*) Reconciled figure

NA :- Not Accounted for

7.12 LINES AND SUB-STATIONS (YEAR - WISE)

I - TRANSMISSION LINES in CKM AND DISTRIBUTION LINES (in KM)

| SI. No | VOLTAGE | At the end of March | | | | | | | | | |
|--------|--------------------|-------------------------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|
| | | 2015 Residuary AP | 2016* | 2017 | 2018 | 2019 | 2020 | 2021* | 2022* | 2023* | 2024 |
| 1 | 400 kV | 2400.00 | 2891.84 | 3606.79 | 4561.83 | 5309.53 | 5309.53 | 5436.73 | 5436.73 | 5483.21 | 5489.82 |
| 2 | 220 kV | 8395.00 | 9954.27 | 10549.00 | 11032.84 | 11432.01 | 11686.95 | 11761.53 | 11871.66 | 12307.24 | 13004.86 |
| 3 | 132 kV | 8600.00 | 9784.47 | 10091.43 | 10720.23 | 11237.69 | 11435.48 | 11879.92 | 12482.48 | 13875.01 | 14082.80 |
| 4 | 33kV | 23479.81 | 24123.39 | 24403.90 | 25119.86 | 25593.14 | 26706.37 | 27653.35 | 29075 | 29539.54 | 30565.51 |
| 5 | 11kV | 177946.46 | 186500.69 | 194641.69 | 203530.7 | 212577.96 | 244285.74 | 254477.88 | 274967 | 290994.64 | 302529.78 |
| 6 | L.T Lines in kV | 264746.64 | 273831.88 | 280182.37 | 287955.7 | 295716.39 | 304111.20 | 307902.56 | 309233 | 320972.60 | 333777.44 |

II - SUB - STATIONS (Nos)

| SI. No | Voltage (kV) | At the end of March | | | | | | | | | |
|--------|--|---------------------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| | | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021* | 2022 | 2023 | 2024 |
| 1 | 400 kV | 6 | 6 | 10 | 11 | 15 | 15 | 16 | 16 | 17 | 17 |
| 2 | 220 kV | 71 | 75 | 84 | 87 | 93 | 100 | 100 | 103 | 106 | 109 |
| 3 | 132 kV | 169 | 180 | 191 | 206 | 212 | 220 | 224 | 232 | 237 | 241 |
| 5 | 33 kV | 2737 | 2832 | 2927 | 2965 | 3097 | 3148 | 3237 | 3286 | 3340 | 3532 |
| | Total Nos | 2983 | 3093 | 3212 | 3269 | 3417 | 3483 | 3577 | 3637 | 3700 | 3899 |
| 6 | Distribution Transformer s (Nos) | 621171 | 635055 | 814078 | 875547 | 949799 | 1020639 | 1128324 | 1199722 | 1269069 | 1340885 |
| 7 | DTRs Transformer Capacity (MVA) | 22256 | 22976 | 28227 | 29672 | 31862 | 35856 | 37214 | 39049 | 41990 | 44659 |

* Reconcilled

7.13 DISTRIBUTION LINES AND DISTRIBUTION TRANSFORMERS EXISTING AS ON 31-03-2024

| S.No. | District | Lines in Km | | | (Nos) |
|-------|----------|-------------|-------|-----|-------|
| | | 33 kV | 11 kV | L.T | DTRs |

APEPDCL

| | | | | | |
|------------------|---------------|----------------|-----------------|------------------|---------------|
| 1 | Srikakulam | 1295.45 | 7713.20 | 13805.94 | 25603 |
| 2 | Vizianagaram | 1204.06 | 8880.30 | 18003.08 | 31162 |
| 3 | Visakhapatnam | 1771.14 | 12236.66 | 19177.91 | 52702 |
| 4 | East Godavari | 1610.13 | 14949.35 | 21671.84 | 84508 |
| 5 | West Godavari | 2991.48 | 21906.31 | 28418.53 | 124004 |
| Sub-total | | 8872.25 | 65685.83 | 101077.30 | 317979 |

APCPDCL

| | | | | | |
|------------------|----------|----------------|-----------------|-----------------|---------------|
| 6 | Krishna | 2323.66 | 23706.13 | 31646.05 | 99438 |
| 7 | Guntur | 1894.11 | 19600.29 | 22000.92 | 80752 |
| | CRDA | 517.85 | 4738.11 | 3604.93 | 11154 |
| 8 | Prakasam | 3377.53 | 39091.19 | 24536.81 | 110826 |
| Sub-total | | 8113.15 | 87135.72 | 81788.71 | 302170 |

APSPDCL

| | | | | | |
|-------------------------------------|-----------|-----------------|------------------|------------------|----------------|
| 9 | Nellore | 2320.95 | 17675.65 | 26642.21 | 102237 |
| 10 | Chittoor | 3237.94 | 31345.58 | 34727.70 | 162645 |
| 11 | Kadapa | 2205.89 | 26527.85 | 24595.51 | 146958 |
| 12 | Anantapur | 3131.52 | 46365.85 | 32747.77 | 194256 |
| 13 | Kurnool | 2683.79 | 27793.31 | 32198.24 | 114640 |
| Sub-total | | 13580.10 | 149708.23 | 150911.43 | 720736 |
| Grand Total for A.P(DISCOMs) | | 30565.51 | 302529.78 | 333777.44 | 1340885 |

| 7.14 POWER RESTRICTIONS (1977-2015) (%) | | | | | | | | | | | | | |
|---|---------------------------------------|--------------------------|----|------------|----|-------------|----|--------------|----|---------------|----|-------------|----|
| Year | Period | Consumers with CMD (KVA) | | | | | | | | | | | |
| | | Upto 200 | | 201 to 500 | | 501 to 1000 | | 1001 to 2000 | | 2001 to 10000 | | Above 10000 | |
| | | E | D | E | D | E | D | E | D | E | D | E | D |
| 1977-78 | 1.4.77 to 14.8.77 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 1977-78 | 25.4.77 to 14.8.77 (Textile units) | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| No Power Restrictions from 15.8.78 to 4.9.79 | | | | | | | | | | | | | |
| 1979-80 | 5.9.79 to 31.7.80 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 1980-81 | | | | | | | | | | | | | |
| No Power Restrictions from 1.8.80 to 26.1.84 | | | | | | | | | | | | | |
| 1983-84 | 27.1.84 to 30.4.84 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 1984-85 | | | | | | | | | | | | | |
| No Power Restrictions from 1.5.84 to 14.4.87 | | | | | | | | | | | | | |
| 1987-88 | 15.4.87 to 6.6.87 | 15 | 15 | 15 | 15 | 15 | 15 | 60 | 60 | 60 | 60 | 60 | 60 |
| | 7.6.87 to 30.6.87 | - | - | - | - | - | - | 60 | 60 | 60 | 60 | 60 | 60 |
| 1987-88 | 01.07.87 to 09.07.87 | - | - | - | - | - | - | 60 | 60 | 60 | 60 | 60 | 60 |
| | 10.07.87 to 14.07.87 | - | - | - | - | - | - | 30 | 30 | 30 | 30 | 30 | 30 |
| | 16.11.87 to 19.11.87 | - | - | - | - | - | - | 35 | 35 | 35 | 35 | 40 | 40 |
| | 20.11.87 to 31.01.88 | 15 | 15 | 15 | 15 | 15 | 15 | 35 | 35 | 35 | 35 | 40 | 40 |
| | 01.02.88 to 13.03.88 | 15 | 15 | 15 | 15 | 15 | 15 | 35 | 35 | 50 | 50 | 60 | 60 |
| 1988-89 | 14.03.88 to 30.06.88 | 15 | 15 | 15 | 15 | 15 | 15 | 35 | 35 | 50 | 50 | 80 | 60 |
| | 01.07.88 to 29.07.88 | 15 | 15 | 15 | 15 | 15 | 15 | 35 | 35 | 50 | 50 | 80 | 60 |
| | 28.11.88 to 31.12.88 | 30 | - | 30 | 25 | 30 | 25 | 30 | 25 | 30 | 25 | 30 | 25 |
| 1989-90 | 01.01.89 to 14.04.89 | 15 | - | 30 | 25 | 30 | 25 | 30 | 25 | 30 | 25 | 30 | 25 |
| | 15.04.89 to 30.06.89 | 15 | - | 30 | 25 | 30 | 25 | 40 | 30 | 50 | 40 | 60 | 50 |

(Contd..)

7.14 POWER RESTRICTIONS for HT Consumers

| | | | | |
|---------------------------|--|---|---|---|
| 1999-2K | No power cuts during this year | | | |
| 2000-01 | No power cuts during this year | | | |
| 2001-02 | No power cuts during this year | | | |
| 2002-03 | No power cuts during this year | | | |
| 2003-04 | No power cuts during this year | | | |
| 2004-05 | No power cuts during this year | | | |
| 2005-06 | No power cuts during this year | | | |
| 2006-07 | No power cuts during this year | | | |
| 2007-08 | No power cuts during this year | | | |
| 2008-09 | No power cuts during this year | | | |
| 2009-10 | Three day power holiday per week was imposed on industrial sector from 07-04-2009.Power holidays were gradually lifted after reduction of agricultural demand | | | |
| 2010-11 | One and half power holiday is reduced to One day Power holiday for SSI units from 21-04-2010.Power holidays to other industries are reduced to one day from two days w.e.f 27-04-2010 for other industries .Power holidays to all industries except continuous industries were lifted from 08-05-2010.Power holiday to continuous industries were also lifted from 20-05-2010. | | | |
| 2011-12 | <ul style="list-style-type: none"> • One day power holiday was announced to industries from 01-04-2011 and lifted from 16-04-2011. • Again one day Power holiday was announced to Industries from 25-09-2011 with peak hour restrictions (from 18:30 to 22:30 hrs) • From 02-10-2011 Power holiday enhanced to 2days a week with peak hour restriction. • From 05-11-2011 Industry is categorized as continuous process industry and non continuous process process industries with evening peak hour restrictions.For continuous process industry :70% during day time and 50% during peak. • From 08-12-2011 restrictions for continuous process industry reduced to 60% for day time and 40% during peak. (No change for Non-Continuous process industry).• Power holidays lifted to all industries from 13-01-2012 • From 21-01-2012 70% supply to continuous process industry during day time i.e from 6:00 AM to 6:00 PM and 100% supply for balance period. No LR for non-continuous process industries. • During the period 11-02-2012 to 29-02-2012 5 days power holidays to continuous process Industries. • One day power holiday introduced to non-continuous process industries from 15-02-2012 and enhanced to 2days/week from 18-02-012 and 3 days/week (or 40% cut for the total March month) from 08-03-2012. Peak hour restrictions also imposed from 08-03-2012. • 12 days power holiday (or 40% cut for the total March Month) for continuous process industries for the month of March'12 with peak load restrictions. | | | |
| 2012-13 | Industries : As per Hon'ble APERC orders on Restriction and Control Measures dated 7.9.2012/ 14.9.12 restrictions on contract demand and energy consumption on various industries from 12th September 2012 to March 2013 | | | |
| 2013-14 | <p>a)Industries : As per Hon'ble APERC orders on Restriction and Control Measures dated 17.04.2013 restrictions on contract demand and energy consumption on various industries is being implemented from meter reading date April 2013 to meter reading date of June 2013</p> <p>b)As per Hon'ble APERC amendment orders on Restriction and Control Measures dated 15-6-2013 the supply enhanced from 66% to 80% and will be in force till the meter reading date of September 2013.</p> <p>c) As per Hon'ble APERC amendment orders on Restriction and Control Measures dated 2-7-2013, the supply enhanced from 80% to 100% during the peak hours and 40% to 50% and will be in force till the meter reading date of July 2013 to meter reading date of September 2013</p> <p>d) As per Hon'ble APERC amendment orders on Restriction and Control Measures dated 31-7-2013 the restrictions and control measures completely lifted from 1-8-2013.</p> <p>e) There was no power restrictions during 1-8-2013 to 02-3-2014.</p> <p>f) From 3-3-2014 onwards one day power holiday in a week was imposed.</p> | | | |
| 2014-15 Combined AP | Details | From 03.03.2014 | From 09.05.2014 | From 14.05.2014 |
| | Hyderabad Tirupati,Vizag and warangal | 3 Hours in two spells | 3 Hours in two spells | 3 Hours in two spells |
| | Corporationd and District Headquarters | 3 Hours in two spells | 3 Hours in two spells | 3 Hours in two spells |
| | Towns and Muniipalities | 4 Hours in two spells | 4 Hours in two spells | 4 Hours in two spells |
| | Mandal HQ | 6 Hours in two spells | 6 Hours in two spells | 6 Hours in two spells |
| | Rurals | Lighting supply during 06.00PM to 06.00AM and day supply along with agriculture supply. | Lighting supply during 06.00PM to 06.00AM and day supply along with agriculture supply. | Lighting supply during 06.00PM to 06.00AM and day supply along with agriculture supply. |
| Industries | One day Power Holiday in a week. | One day Power Holiday in a week. | Nil | |
| 2014-15 Residual AP | From 14/05/2014 Tirupati and Vizag : 3 Hours in two spells Corporations and District Head quarters:3Hours in two spells Towns & Municipalities:4 Hours in two spells Mandal HQ :6 Hours in two spells Rurals : Lighting supply during 06:00 PM to 06:00AM and day supply along with agriculture supply Industries : Nil | From 01/03/2015 NIL | | |

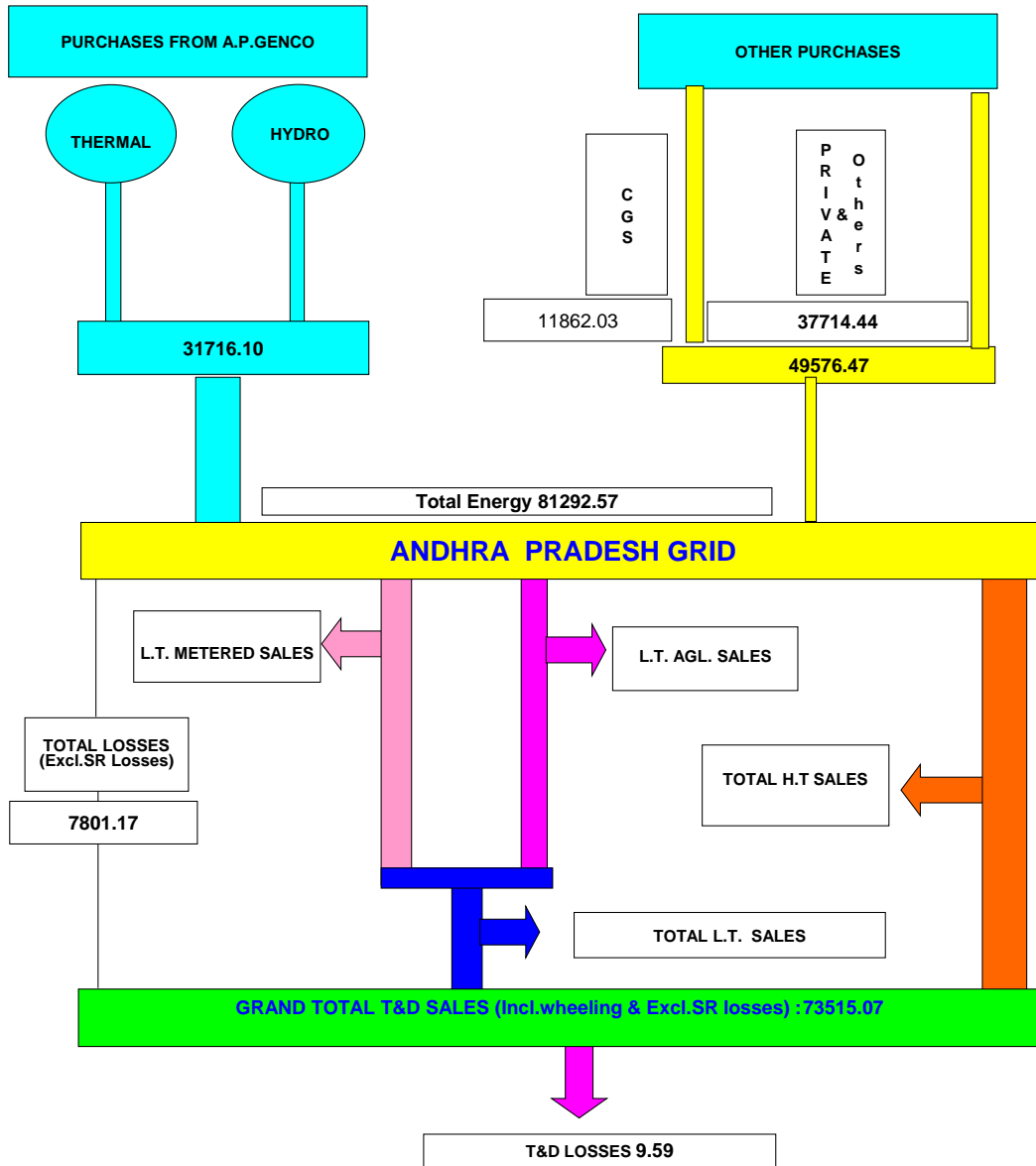
7.14 POWER RESTRICTIONS (2016-2024)

| | |
|---------|---|
| 2016-17 | 1.Total Load Shedding in the state during the year 2016-17 : 34.89 MU (Includes Industrial Load relief of Nil MU) |
| | 2.R&C measures to Domestic Sector and Power Holidays to Industries: NIL |
| | 3.Power Supply to Agricultural sector: i)Three Phase Supply : 7 Hours in one or two spells. ii)Single phase supply : No single phase supply for agriculture sector. |
| 2017-18 | 1. Total Load Shedding in the state during the year 2017-18 : 10.06 MU (Includes Industrial load relief of Nil MU) |
| | 2. R & C measures to Domestic Sector and Power Holidays to Industries : Nil |
| | 3.Power Supply to Agricultural sector: i)Three Phase Supply : 7 Hours in one or two spells. ii)Single phase supply : No single phase supply for agriculture sector. |
| 2018-19 | 1. Total Load Shedding in the state during the year 2018-19 : 6.50 MU (Includes Industrial load relief of Nil MU) |
| | 2. R & C measures to Domestic Sector and Power Holidays to Industries : Nil |
| | 3.Power Supply to Agricultural sector: i)Three Phase Supply : 7 Hours in one or two spells. ii)Single phase supply : No single phase supply for agriculture sector. 9 Hours supply in day time as per G.O.No.17 Dt:15.02.2019 |
| 2019-20 | 1. Total Load Shedding in the State during the year 2019-20: 36.11 MU (Includes Industrial load relief of Nil MU) |
| | 2. R&C measures to Domestic Sector and Power Holidays to Industries: NIL |
| | 3. Power supply to Agricultural Sector: i) Three phase supply:9 hours supply- day time in two spells. ii) Single phase supply:No single phase supply for agricultural sector |
| 2020-21 | 1. Total Load Shedding in the State during the year 2020-21: 5.63 MU (Includes Industrial load relief of Nil MU) |
| | 2. R&C measures to Domestic Sector and Power Holidays to Industries: NIL |
| | 3. Power supply to Agricultural Sector: i) Three phase supply:9 hours supply- day time in groups ii) Single phase supply:No single phase supply for agricultural sector |
| 2021-22 | 1. Total Load Shedding in the State during the year 2021-22: 182.07 MU (Includes Industrial load relief of Nil MU) |
| | 2. R&C measures to Domestic Sector and Power Holidays to Industries: NIL |
| | 3. Power supply to Agricultural Sector: i) Three phase supply : 9 hours supply- day time in groups ii) Single phase supply : No single phase supply for agricultural sector |
| 2022-23 | 1. Load Shedding in the State during the year 2022-23 in MU : 386.65 |
| | 2. R&C measures and Power Holidays to Industries:From 08.04.2022 to 18.05.2023 |
| | 3. Power supply to Agricultural Sector: i) Three phase supply : 9 hours supply- day time in groups ii) Single phase supply : No single phase supply for agricultural sector |
| 2023-24 | 1. Load Shedding in the State during the year 2023-24 in MU : 49.5 |
| | 2. R & C measures and Power Holidays to Industries : NIL |
| | 3. Power supply to Agricultural Sector : |
| | i) Three phase supply : 9 hours supply- day time in groups |
| | ii) Single phase supply : No single phase supply for agricultural sector |

| 7.15(A) THEFT OF ENERGY CASES IN A.P | | | | | |
|--|-----------------------|-----------------------------|------------------------------------|-------------------------|-------------------------------------|
| DISTRICT WISE STATEMENT OF CASES REPORTED AND COMPOUNDED DURING 2023-24 | | | | | |
| S.No. | District/ APTS | No.of cases reported | Assessment amount Collected | Cases compounded | Compounding amount collected |
| | | | (In Lakhs) | | (in Lakhs) |
| | APEPDCL | | | | |
| 1 | Srikakulam | 1205 | 16.05 | 1220 | 13.28 |
| 2 | Vizianagaram | 1378 | 23.78 | 1348 | 13.35 |
| 3 | Visakhapatnam | 1177 | 18.17 | 1183 | 15.86 |
| 4 | East Godavari | 1126 | 82.70 | 1144 | 14.77 |
| 5 | West Godavari | 1174 | 53.91 | 1177 | 13.80 |
| | Total | 6060 | 194.61 | 6072 | 71.06 |
| | APCPDCL | | | | |
| 1 | Krishna | 1378 | 77.35 | 1404 | 22.29 |
| 2 | Guntur | 3004 | 162.86 | 3064 | 49.07 |
| 3 | Prakasam | 2364 | 221.04 | 2327 | 51.3 |
| | Total | 6746 | 461.25 | 6795 | 122.66 |
| | APSPDCL | | | | |
| 4 | Nellore | 2757 | 169.27 | 2895 | 45.29 |
| 5 | Chittoor | 3018 | 35.55 | 2988 | 27.97 |
| 6 | Kadapa | 6456 | 198.58 | 6871 | 68.62 |
| 7 | Ananatapur | 7683 | 139.27 | 7768 | 83.12 |
| 8 | Kurnool | 8601 | 53.86 | 8537 | 53.38 |
| | Total | 28515 | 596.53 | 29059 | 278.38 |
| | Grand Total | 41321 | 1252.39 | 41926 | 472.10 |

| 7.15 (B) THEFT OF ENERGY CASES IN A.P. | | | | | |
|---|--------------------------------|------------------|----------------|--|---|
| Year | Theft cases registered by APTS | Cases compounded | No. of arrests | Assessed amount Collected (Rs. in lakhs) | Compounding amount Collected (Rs. in lakhs) |
| 2000-01 | 18505 | 11798 | 1778 | 900.99 | 783.29 |
| 2001-02 | 35536 | 31494 | 801 | 1261.45 | 1127.72 |
| 2002-03 | 108889 | 68424 | 1505 | 1315.82 | 760.53 |
| 2003-04 | 91168 | 81082 | 1816 | 1307.70 | 850.84 |
| 2004-05 | 128006 | 78505 | 1278 | 1108.15 | 746.56 |
| 2005-06 | 165510 | 130670 | 2710 | 1293.11 | 1023.35 |
| 2006-07 | 108398 | 125292 | 1306 | 1060.90 | 1031.72 |
| 2007-08 | 125913 | 125755 | 708 | 1234.92 | 1013.10 |
| 2008-09 | 101603 | 65678 | 75 | 929.89 | 625.28 |
| 2009-10 | 117312 | 86431 | 39 | 1296.93 | 816.97 |
| 2010-11 | 133473 | 140689 | 94 | 2011.66 | 1206.69 |
| 2011-12 | 87671 | 152760 | 15 | 811.27 | 1373.21 |
| 2012-13 | 116672 | 121830 | 25 | 5394.28 | 1211.13 |
| 2013-14 | 99454 | 101514 | 72 | 8684.22 | 1043.38 |
| Total | 1438110 | 1321922 | 12222 | 28611.28 | 13613.77 |
| 2014-15 (Apr-14 to May-14) Combined AP | 16542 | 17038 | 12 | 965.82 | 201.515 |
| 2014-15 (Jun-14 to Mar-15) Residuary AP | 41654 | 40634 | 11 | 1805.82 | 426.125 |
| 2015-16 | 61992 | 60436 | 6 | 2024.4 | 697.3 |
| 2016-17 | 62467 | 60216 | 23 | 2405.11 | 698.21 |
| 2017-18 | 66100 | 67145 | 13 | 2791.53 | 661.58 |
| 2018-19 | 61390 | 61096 | 5 | 2127.16 | 628.51 |
| 2019-20 | 45606 | 48003 | 0 | 1323.64 | 462.43 |
| 2020-21 | 20258 | 20795 | 0 | 945.40 | 267.73 |
| 2021-22 | 26416 | 26294 | 0 | 1136.79 | 348.34 |
| 2022-23 | 38025 | 37710 | 0 | 1633.28 | 425.22 |
| 2023-24 | 41321 | 41926 | 0 | 1252.36 | 472.09 |

A.P.TRANSOCO ENERGY BALANCE SHEET 2023-24
 (ALL FIGURES IN MU) (Excluding SR Losses)



8. RURAL ELECTRIFICATION

8.1 - RURAL ELECTRIFICATION PROGRESS AS ON 31-03-2024

| Sl. No. | Particulars | Total Electrified as on 31-03-2023 | Total Electrified as on 31-03-2024 | Percentage of electrified |
|---------|-------------------------------|---------------------------------------|---------------------------------------|---------------------------|
| | | | (Nos.) | (%) |
| 1 | Towns (as per 2011 census) | 195 | 195 | 100.00 |
| 2 | Villages (as per 2011 census) | 16158 | 16158 | 100.00 |
| 3 | General Hamlets | 30103 | 30103 | 100.00 |
| 4 | Dalitwadas | 35253 | 35253 | 100.00 |
| 5 | Weaker Section Colonies | 21332 | 21332 | 100.00 |
| 6 | Tribal Hamlets/Habitations | 8267 | 8267 | 100.00 |

8.2- DISTRICT- WISE GENERAL HAMLETS,TRIBAL HAMLETS/HABITATIONS, DALITWADAS AND WEAKER SECTION COLONIES EXISTING, ELECTRIFIED AND PERCENTAGE OF ELECTRIFIED AS ON 31-03-2024

| S.No. | DISTRICT/DISCOM | GENERAL HAMLETS | | | TRIBAL HAMLETS/ HABITATIONS | | | DALIT WADAS | | | WEAKER SECTION COLONIES | | | GRAND TOTAL | | |
|-------|------------------------|-----------------|--------------|---------------|-----------------------------|-------------|---------------|--------------|--------------|---------------|-------------------------|--------------|---------------|--------------|--------------|---------------|
| | | Existing | Electrified | % | Existing | Electrified | % | Existing | Electrified | % | Existing | Electrified | % | Existing | Electrified | % |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| | EPDCL | | | | | | | | | | | | | | | |
| 1 | SRIKAKULAM | 2443 | 2443 | 100.00 | 1262 | 1262 | 100.00 | 652 | 652 | 100.00 | 1211 | 1211 | 100.00 | 5568 | 5568 | 100.00 |
| 2 | VIZIANAGARAM | 1901 | 1901 | 100.00 | 773 | 773 | 100.00 | 1634 | 1634 | 100.00 | 855 | 855 | 100.00 | 5163 | 5163 | 100.00 |
| 3 | VISAKHAPATNAM | 2738 | 2738 | 100.00 | 3917 | 3917 | 100.00 | 1312 | 1312 | 100.00 | 790 | 790 | 100.00 | 8757 | 8757 | 100.00 |
| 4 | EAST GODAVARI | 3478 | 3478 | 100.00 | 1179 | 1179 | 100.00 | 3246 | 3246 | 100.00 | 1861 | 1861 | 100.00 | 9764 | 9764 | 100.00 |
| 5 | WEST GODAVARI | 2337 | 2337 | 100.00 | 416 | 416 | 100.00 | 3079 | 3079 | 100.00 | 1640 | 1640 | 100.00 | 7472 | 7472 | 100.00 |
| | TOTAL for EPDCL | 12897 | 12897 | 100.00 | 7547 | 7547 | 100.00 | 9923 | 9923 | 100.00 | 6357 | 6357 | 100.00 | 36724 | 36724 | 100.00 |
| | CPDCL | | | | | | | | | | | | | | | |
| 6 | KRISHNA | 959 | 959 | 100.00 | 0 | 0 | 0.00 | 2729 | 2729 | 100.00 | 2488 | 2488 | 0.00 | 6176 | 6176 | 100.00 |
| 7 | GUNTUR | 1255 | 1255 | 100.00 | 192 | 192 | 100.00 | 2547 | 2547 | 100.00 | 840 | 840 | 100.00 | 4834 | 4834 | 100.00 |
| 8 | PRAKASAM | 1241 | 1241 | 100.00 | 82 | 82 | 100.00 | 3490 | 3490 | 100.00 | 1369 | 1369 | 100.00 | 6182 | 6182 | 100.00 |
| | TOTAL for EPDCL | 3455 | 3455 | 100.00 | 274 | 274 | 100.00 | 8766 | 8766 | 100.00 | 4697 | 4697 | 100.00 | 17192 | 17192 | 100.00 |
| | SPDCL | | | | | | | | | | | | | | | |
| 9 | SPS NELLORE | 1346 | 1346 | 100.00 | 0 | 0 | 0.00 | 4639 | 4639 | 100.00 | 1237 | 1237 | 100.00 | 7222 | 7222 | 100.00 |
| 10 | CHITTOOR | 7702 | 7702 | 100.00 | 136 | 136 | 100.00 | 4366 | 4366 | 100.00 | 3115 | 3115 | 100.00 | 15319 | 15319 | 100.00 |
| 11 | KADAPA | 2158 | 2158 | 100.00 | 5 | 5 | 100.00 | 2270 | 2270 | 100.00 | 1954 | 1954 | 100.00 | 6387 | 6387 | 100.00 |
| 12 | ANANTAPUR | 1766 | 1766 | 100.00 | 217 | 217 | 100.00 | 3036 | 3036 | 100.00 | 1729 | 1729 | 100.00 | 6748 | 6748 | 100.00 |
| 13 | KURNOOL | 779 | 779 | 100.00 | 88 | 88 | 100.00 | 2253 | 2253 | 100.00 | 2243 | 2243 | 100.00 | 5363 | 5363 | 100.00 |
| | TOTAL for SPDCL | 13751 | 13751 | 100.00 | 446 | 446 | 100.00 | 16564 | 16564 | 100.00 | 10278 | 10278 | 100.00 | 41039 | 41039 | 100.00 |
| | STATE TOTAL | 30103 | 30103 | 100.00 | 8267 | 8267 | 100.00 | 35253 | 35253 | 100.00 | 21332 | 21332 | 100.00 | 94955 | 94955 | 100.00 |

**8.3-AGRICULTURAL SERVICES RELEASED IN ANDHRA PRADESH
AS ON 31-03-2024**

| S. No. | DISCOM/DISTRICT | Total Agl. services released as on 31-03-2023 | Agl. services released during 2023-24 | Total Agl. services released as on 31-03-2024 |
|--------------------|-----------------|---|---------------------------------------|---|
| EPDCL | | | | |
| 1 | SRIKAKULAM | 32200 | 2907 | 35107 |
| 2 | VIZIANAGARAM | 52561 | 3054 | 55615 |
| 3 | VISAKHAPATNAM | 48930 | 1790 | 50720 |
| 4 | EAST GODAVARI | 53426 | 2604 | 56030 |
| 5 | WEST GODAVARI | 107581 | 3501 | 111082 |
| TOTAL | | 294698 | 13856 | 308554 |
| CPDCL | | | | |
| 6 | KRISHNA | 133879 | 7142 | 141021 |
| 7 | GUNTUR | 118147 | 5188 | 123335 |
| | CRDA | 9056 | 594 | 9650 |
| 8 | PRAKASAM | 205232 | 10624 | 215856 |
| TOTAL | | 466314 | 23548 | 489862 |
| SPDCL | | | | |
| 9 | SPS NELLORE | 248054 | 3568 | 251622 |
| 10 | CHITTOOR | 349488 | 5600 | 355088 |
| 11 | KADAPA | 181666 | 5061 | 186727 |
| 12 | ANANTAPUR | 343973 | 8012 | 351985 |
| 13 | KURNOOL | 214746 | 8775 | 223521 |
| TOTAL | | 1337927 | 31016 | 1368943 |
| STATE TOTAL | | 2098939 | 68420 | 2167359 |

**8.4 - YEAR- WISE AND CUMULATIVE NUMBER OF AGRICULTURAL PUMP-SETS
ENERGISED IN THE A.P.STATE.
(Including R.E.Co-operatives)
(1960 - 2023)**

| S. No. | Year | Year -wise Number of Agriculture pump-sets energised | Cumulative Number of Agricultural pump-sets energised |
|---------------|-------------|---|--|
| 1 | 2 | 3 | 4 |
| 1 | 1960-61 | 4580 | 17968 |
| 2 | 1961-62 | 5819 | 23787 |
| 3 | 1962-63 | 6809 | 30596 |
| 4 | 1963-64 | 5345 | 35941 |
| 5 | 1964-65 | 8868 | 44809 |
| 6 | 1965-66 | 12416 | 57225 |
| 7 | 1966-67 | 9519 | 66744 |
| 8 | 1967-68 | 24635 | 91379 |
| 9 | 1968-69 | 30942 | 122321 |
| 10 | 1969-70 | 34179 | 156500 |
| 11 | 1970-71 | 29238 | 185738 |
| 12 | 1971-72 | 26466 | 212204 |
| 13 | 1972-73 | 24997 | 237201 |
| 14 | 1973-74 | 24788 | 261989 |
| 15 | 1974-75 | 13083 | 275072 |
| 16 | 1975-76 | 8518 | 283590 |
| 17 | 1976-77 | 12778 | 296368 |
| 18 | 1977-78 | 21989 | 318357 |
| 19 | 1978-79 | 26945 | 345302 |
| 20 | 1979-80 | 42990 | 388292 |
| 21 | 1980-81 | 55303 | 443595 |
| 22 | 1981-82 | 43063 | 486658 |
| 23 | 1982-83 | 49115 | 535773 |
| 24 | 1983-84 | 43513 | 579286 |
| 25 | 1984-85 | 56717 | 636003 |
| 26 | 1985-86 | 88712 | 724715 |
| 27 | 1986-87 | 94808 | 819523 |
| 28 | 1987-88 | 117235 | 936758 |
| 29 | 1988-89 | 99726 | 1036484 |
| 30 | 1989-90 | 75085 | 1111569 |
| 31 | 1990-91 | 81794 | 1193363 |
| 32 | 1991-92 | 80609 | 1273972 |

| S. No. | Year | Year -wise Number of Agriculture pump-sets energised | Cumulative Number of Agricultural pump-sets energised |
|--------|---------|--|---|
| 1 | 2 | 3 | 4 |
| 33 | 1992-93 | 124077 | 1398049 |
| 34 | 1993-94 | 106926 | 1504975 |
| 35 | 1994-95 | 100832 | 1605807 |
| 36 | 1995-96 | 37186 | 1642993 |
| 37 | 1996-97 | 178298 | 1821291 |
| 38 | 1997-98 | ★ 3398 | 1824689 |
| 39 | 1998-99 | 59997 | 1884686 |
| 40 | 1999-2K | 48227 | 1932913 |
| 41 | 2000-01 | 6660 | 1939573 |
| 42 | 2001-02 | 267479 | 2207052 |
| 43 | 2002-03 | 50917 | 2257969 |
| 44 | 2003-04 | 51636 | 2309605 |
| 45 | 2004-05 | 64760 | 2374365 |
| 46 | 2005-06 | 66458 | 2440823 |
| 47 | 2006-07 | 86977 | 2527800 |
| 48 | 2007-08 | 71835 | 2599635 |
| 49 | 2008-09 | 81036 | 2680671 |
| 50 | 2009-10 | 88604 | 2769275 |
| 51 | 2010-11 | 139731 | 2909006 |
| 52 | 2011-12 | 152908 | 3061914 |
| 52 | 2012-13 | 141957 | 3203871 |
| 53 | 2013-14 | 140766 | 3344637 |

DATA FOR RESIDUAL ANDHRA PRADESH

| | | | |
|----|------------------------------------|--------|---------|
| 54 | 2014-15 | 60828 | 1465528 |
| 55 | 2015-16 | 72360 | 1537888 |
| 56 | 2016-17 | 75403 | 1613291 |
| 57 | 2017-18 | 63412 | 1676703 |
| 58 | 2018-19 | 86430 | 1763133 |
| 59 | 2019-20 | 65576 | 1828709 |
| 60 | 2020-21 | 74734 | 1903443 |
| 61 | 2021-22 ** | 71276 | 1974719 |
| 62 | 2022-23** | 124220 | 2098939 |
| 63 | 2023-24 | 68420 | 2167359 |
| ★ | Pumpsets Energised by RESCOs only. | | |

** Agricultural pump-sets were reconciled for the FY 2021-22 & 2022-23

8.5 YEAR- WISE REC SCHEMES AS ON 31.03.2024

(Rs.In Crores)

| Sl. No | Year | No.of Schemes Sanctioned | Loan Amount Sanctioned by | | Loan Amount Released by | |
|--------|--------------|--------------------------|---------------------------|---------------|-------------------------|---------------|
| | | | REC | Banks | REC | Banks |
| 1 | 1969-70 | 2 | 0.91 | -- | -- | -- |
| 2 | 1970-71 | 8 | 5.52 | -- | 1.07 | -- |
| 3 | 1971-72 | 5 | 2.89 | -- | 3.02 | -- |
| 4 | 1972-73 | 16 | 5.74 | -- | 3.58 | -- |
| 5 | 1973-74 | 37 | 6.96 | -- | 5.46 | -- |
| 6 | 1974-75 | 33 | 7.99 | -- | 4.72 | -- |
| 7 | 1975-76 | 28 | 8.11 | -- | 4.76 | -- |
| 8 | 1976-77 | 24 | 7.79 | -- | 6.29 | -- |
| 9 | 1977-78 | 33 | 9.86 | -- | 8.45 | -- |
| 10 | 1978-79 | 70 | 14.68 | 10.865 | 10.33 | -- |
| 11 | 1979-80 | 48 | 6.83 | 6.100 | 11.30 | 3.43 |
| 12 | 1980-81 | 91 | 16.81 | 15.460 | 12.16 | 6.97 |
| 13 | 1981-82 | 75 | 14.55 | 15.887 | 12.67 | 7.20 |
| 14 | 1982-83 | 101 | 22.68 | 24.402 | 14.34 | 12.80 |
| 15 | 1983-84 | 167 | 39.14 | 39.436 | 16.51 | 16.63 |
| 16 | 1984-85 | 165 | 39.03 | 26.242 | 13.06 | 25.88 |
| 17 | 1985-86 | 171 | 30.12 | 43.020 | 36.01 | 28.78 |
| 18 | 1986-87 | 281 | 54.16 | 63.964 | 43.30 | 46.25 |
| 19 | 1987-88 | 376 | 96.83 | 57.551 | 60.61 | 49.69 |
| 20 | 1988-89 | 305 | 61.65 | 84.538 | 46.42 | 51.64 |
| 21 | 1989-90 | 217 | 43.04 | 33.880 | 45.63 | 57.28 |
| 22 | 1990-91 | 206 | 53.75 | 37.621 | 52.38 | 39.01 |
| 23 | 1991-92 | 137 | 55.66 | 24.793 | 26.12 | 40.04 |
| 24 | 1992-93 | 357 | 80.94 | 43.171 | 45.08 | 42.49 |
| 25 | 1993-94 | 509 | 97.98 | 112.803 | 100.00 | 64.80 |
| 26 | 1994-95 | 551 | 146.64 | 149.837 | 127.10 | 120.72 |
| 27 | 1995-96 | 50 | 40.86 | -- | 56.01 | 43.70 |
| 28 | 1996-97 | 22 | 24.91 | -- | 37.93 | 3.71 |
| 29 | 1997-98 | 32 | 34.22 | -- | 6.85 | - |
| 30 | 1998-99 | 135 | 229.53 | -- | 105.79 | - |
| 31 | 1999-2K | 18 | 63.41 | -- | 95.55 | -- |
| 32 | 2000-01 | 293 | 878.21 | -- | 399.09 | -- |
| 33 | 2001-02 | 123 | 912.89 | -- | 414.70 | -- |
| 34 | 2002-03 | 181 | 978.61 | -- | 726.40 | -- |
| 35 | 2003-04 | 365 | 1327.55 | -- | 967.04 | -- |
| 36 | 2004-05 | 256 | 687.00 | -- | 870.07 | -- |
| 37 | 2005-06 | 116 | 2062.91 | -- | 600.44 | -- |
| 38 | 2006-07 | 122 | 1272.05 | -- | 605.34 | -- |
| 39 | 2007-08 | 102 | 1399.64 | -- | 944.38 | -- |
| 40 | 2008-09 | 77 | 632.18 | -- | 732.25 | -- |
| 41 | 2009-10 | 91 | 1449.58 | -- | 1152.66 | -- |
| 42 | 2010-11 | 75 | 1416.53 | -- | 1208.08 | -- |
| 43 | 2011-12 | 175 | 2854.17 | -- | 1103.84 | -- |
| 44 | 2012-13 | 140 | 3389.05 | -- | 2933.50 | -- |
| 45 | 2013-14 | 416 | 5202.59 | -- | 1542.21 | -- |
| 46 | 2014-15 | 48 | 700.12 | -- | 7.83 | -- |
| 47 | 2015-16 | 22 | 2958.27 | -- | 667.57 | -- |
| 48 | 2016-17 | 43 | 2323.95 | -- | 2197.26 | -- |
| 49 | 2017-18 | 44 | 5108.19 | -- | 3261.76 | -- |
| 50 | 2018-19 | 41 | 3701.43 | -- | 2538.47 | -- |
| 51 | 2019-20 | 11 | 583.05 | -- | 73.41 | -- |
| 52 | 2020-21 | 9 | 738.56 | -- | 141.11 | -- |
| 53 | 2021-22 | 25 | 1227.88 | - | 411.64 | - |
| 54 | 2022-23 | 12 | 3257.13 | - | 3050.62 | -- |
| | TOTAL | 7057 | 46384.73 | 789.57 | 27562.17 | 661.03 |

8.5 YEAR- WISE REC SCHEMES AS ON 31.03.2024

(Rs.In Crores)

| Sl. No | Year | No.of Schemes Sanctioned | No.of Schemes | | | | Loan Amount Sanctioned by | | | | Loan Amount Released by | | | | Remarks |
|--------|---------|--------------------------|---------------|-----|-----------|-------|---------------------------|---------|-----------|-------|-------------------------|---------|-----------|-------|---|
| | | | REC | PFC | HUDCO Ltd | Banks | REC | PFC | HUDCO Ltd | Banks | REC | PFC | HUDCO Ltd | Banks | |
| 55 | 2023-24 | 50 | 34 | 14 | 2 | 0 | 2137.36 | 4644.57 | 487.4 | 0 | 528.53 | 1347.04 | 230.5 | 0 | Rs.135.54 received as RDSS grant from M/s. PFC Ltd. |

8.6 ACCIDENTS

| Sl.No | Category | 1982-83 | 83-84 | 84-85 | 85-86 | 86-87 | 87-88 | 88-89 | 89-90 | 90-91 | 91-92 | 92-93 | 93-94 | 94-95 | 95-96 | 96-97 | 97-98 | 01-02 (*) | 02-03 (*) | 03-04 (*) | 04-05 (*) | 05-06 (*) | 06-07 (*) |
|-------|------------------|---------|--------|--------|--------|--------|---------|--------|---------|---------|---------|---------|---------|-------|-------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1. | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 22 | 23 | 24 | 25 | 26 | 27 |
| | DEPARTMENTAL | | | | | | | | | | | | | | | | | | | | | | |
| | A) Fatal | 39 | 36 | 20 | 24 | 43 | 40 | 29 | 44 | 39 | 59 | 45 | 39 | 32 | 38 | 35 | 39 | 60 | 55 | 65 | 79 | 77 | 108 |
| | B) Non-Fatal | 160 | 135 | 89 | 89 | 52 | 86 | 80 | 91 | 82 | 119 | 123 | 81 | 82 | 98 | 83 | 73 | 43 | 61 | 61 | 47 | 40 | 34 |
| | Total | 199 | 171 | 109 | 113 | 95 | 126 | 109 | 135 | 121 | 178 | 168 | 120 | 114 | 136 | 118 | 112 | 103 | 116 | 126 | 126 | 117 | 142 |
| 2. | NON-DEPARTMENTAL | | | | | | | | | | | | | | | | | | | | | | |
| | A) Fatal | 133 | 104 | 72 | 88 | 150 | 158 | 150 | 142 | 186 | 121 | 202 | 309 | 15 | 11 | 309 | 300 | 250 | 442 | 549 | 510 | 595 | 472 |
| | a) animal | (a-60) | (a-58) | (a-62) | (a-73) | (a-87) | (a-105) | (a-80) | (a-105) | (a-135) | (a-103) | (a-195) | (a-229) | - | - | (a-346) | (a-101) | | | | | | |
| | B) Non-Fatal | 51 | 31 | 24 | 43 | 33 | 29 | 54 | 46 | 13 | 2 | 4 | 28 | 20 | 11 | 56 | 42 | 73 | 96 | 150 | 120 | 142 | 78 |
| | Total | 184 | 135 | 96 | 131 | 183 | 187 | 204 | 188 | 199 | 123 | 206 | 337 | 35 | 22 | 365 | 342 | 323 | 538 | 699 | 630 | 737 | 550 |
| 3. | GRAND TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| | A) Fatal | 172 | 140 | 92 | 112 | 193 | 198 | 179 | 186 | 225 | 180 | 247 | 348 | 47 | 49 | 344 | 339 | 310 | 497 | 614 | 589 | 672 | 580 |
| | B) Non-Fatal | 211 | 166 | 113 | 132 | 85 | 115 | 134 | 137 | 95 | 121 | 127 | 109 | 102 | 109 | 139 | 115 | 116 | 157 | 211 | 167 | 182 | 112 |
| | Total | 383 | 306 | 205 | 244 | 278 | 313 | 313 | 323 | 320 | 301 | 374 | 457 | 149 | 158 | 483 | 454 | 426 | 654 | 825 | 756 | 854 | 692 |

| Sl. No. | Category | 98-99 | 99-2K (*) | 2000-01 (*) | 07-08 (*) | 08-09 | 09-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 # | 15-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
|---------|------------------|--------|-----------|-------------|-----------|-------|-------|-------|-------|-------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1. | DEPARTMENTAL | 19 | 20 | 21 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 |
| | A) Fatal | 33 | 52 | 64 | 66 | 71 | 101 | 178 | 343 | 171 | 27 | 18 | 317 | 22 | 13 | 7 | 18 | 17 | 20 | 63 | 21 |
| | B) Non-Fatal | 71 | 24 | 34 | 68 | 83 | 88 | 63 | 75 | 65 | 40 | 13 | 87 | 8 | 20 | 22 | 14 | 29 | 39 | 15 | 31 |
| | Total | 104 | 76 | 98 | 134 | 154 | 189 | 241 | 418 | 236 | 67 | 31 | 404 | 30 | 33 | 29 | 32 | 46 | 59 | 78 | 52 |
| 2. | NON-DEPARTMENTAL | | | | | | | | | | | | | | | | | | | | |
| | A) Fatal | 277 | 177 | 307 | 673 | 887 | 826 | 774 | 554 | 903 | 895 | 391 | 114 | 265 | 598 | 610 | 576 | 673 | 442 | 301 | 400 |
| | a) animal | (a-90) | | | | | | | | | | | (a-212) | (a-200) | (a-312) | (a-347) | (a-323) | (a-192) | (a-265) | (a-222) | (a-219) |
| | B) Non-Fatal | 46 | 34 | 40 | 117 | 166 | 195 | 161 | 87 | 123 | 133 | 68 | 12 | 10 | 90 | 126 | 27 | 75 | 76 | 46 | 57 |
| | Total | 323 | 211 | 347 | 790 | 1053 | 1021 | 935 | 641 | 1026 | 1028 | 459 | 126 | 275 | 688 | 736 | 603 | 748 | 518 | 347 | 457 |
| 3. | GRAND TOTAL | | | | | | | | | | | | | | | | | | | | |
| | A) Fatal | 310 | 229 | 371 | 739 | 958 | 927 | 952 | 897 | 1074 | 922 | 409 | 431 | 287 | 611 | 617 | 594 | 690 | 462 | 364 | 421 |
| | B) Non-Fatal | 117 | 58 | 74 | 185 | 249 | 283 | 224 | 162 | 188 | 173 | 81 | 99 | 18 | 110 | 148 | 41 | 104 | 115 | 61 | 88 |
| | Total | 427 | 287 | 445 | 924 | 1207 | 1210 | 1176 | 1059 | 1262 | 1095 | 490 | 530 | 305 | 721 | 765 | 635 | 794 | 577 | 425 | 509 |

a = Animal

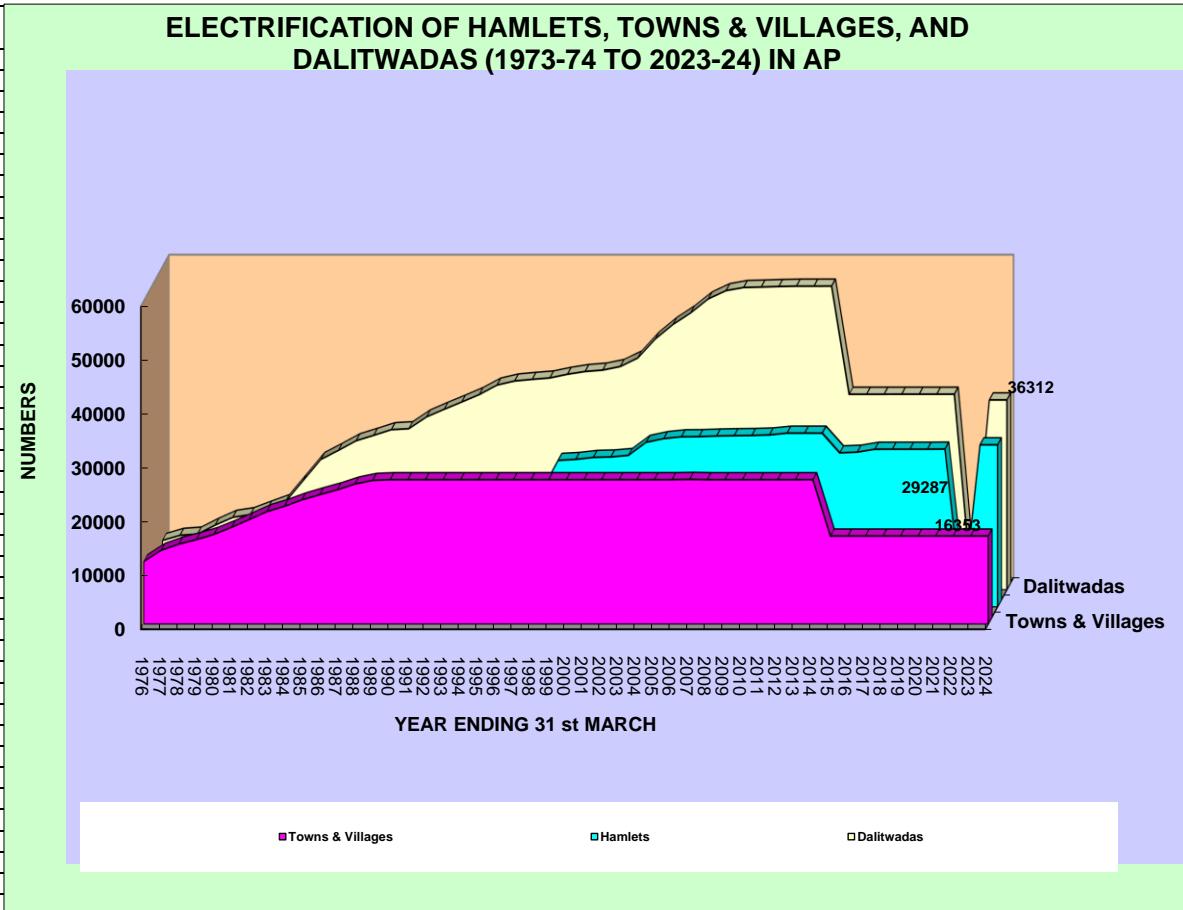
NOTE: Fatal accidents to animals indicated at (a) above is not included in the total of Non- departmental accidents and in Grand total.

* Data reconciled from 1999-2000 onwards(CPDCL data not available for the years 1999-00 to 2001-02)

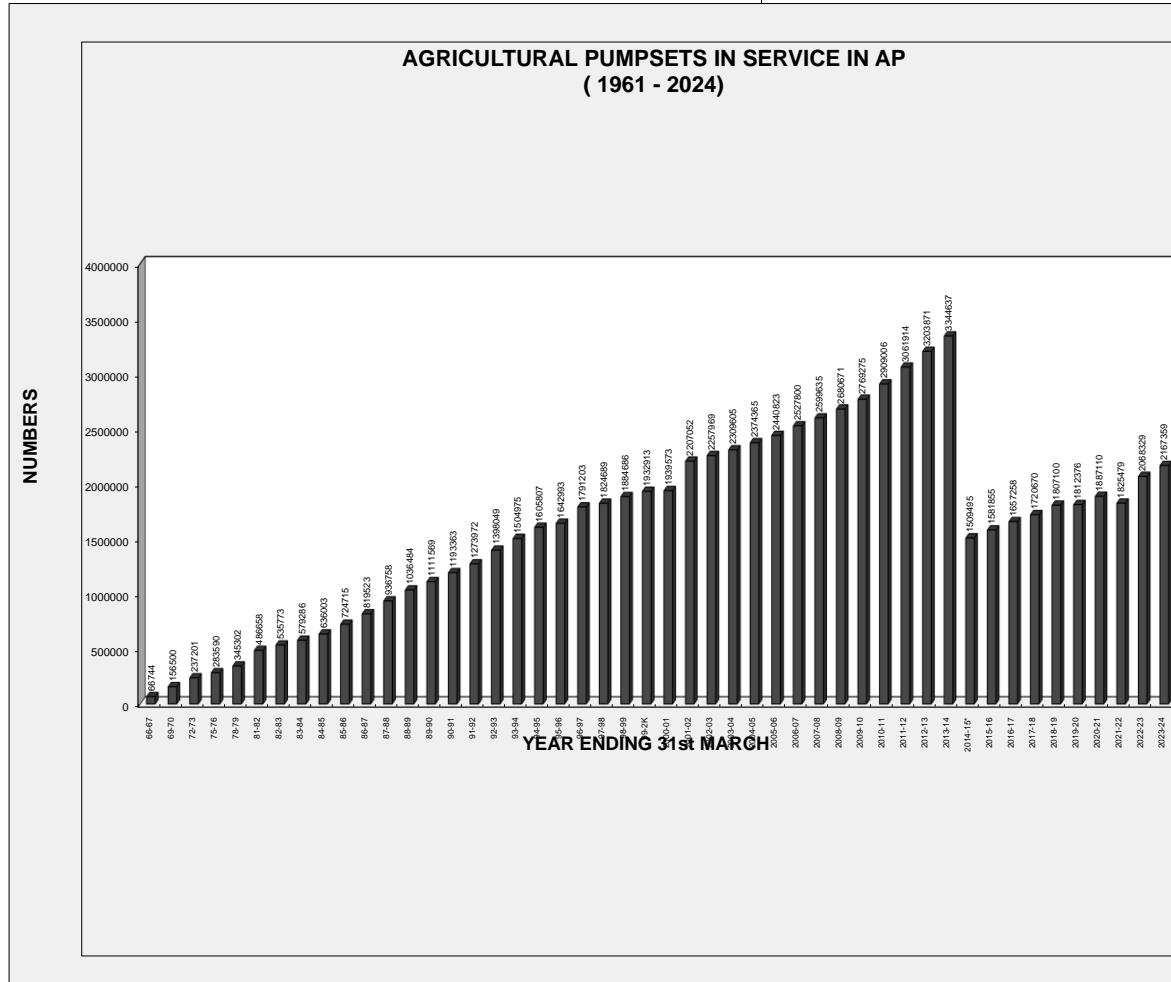
Data for residual AP(Transco & Discoms)

| Year | Hamlets | Towns & Villages | Dalitwadadas |
|------|---------|------------------|--------------|
| 1974 | 5086 | 10485 | 8146 |
| 1975 | 5357 | 10654 | 8501 |
| 1976 | 5377 | 11582 | 9121 |
| 1977 | 5514 | 13694 | 10085 |
| 1978 | 5753 | 14851 | 10318 |
| 1979 | 6123 | 15677 | 11979 |
| 1980 | 6568 | 16659 | 13433 |
| 1981 | 7243 | 17978 | 13935 |
| 1982 | 7798 | 19414 | 15169 |
| 1983 | 8310 | 20885 | 16348 |
| 1984 | 8875 | 21885 | 20264 |
| 1985 | 9681 | 23078 | 24180 |
| 1986 | 11135 | 24037 | 25874 |
| 1987 | 12801 | 24942 | 27651 |
| 1988 | 13643 | 26018 | 28667 |
| 1989 | 15071 | 26690 | 29718 |
| 1990 | 15904 | 26829 | 29899 |
| 1991 | 16578 | 26829 | 32095 |
| 1992 | 17400 | 26829 | 33505 |
| 1993 | 18910 | 26829 | 34862 |
| 1994 | 19702 | 26829 | 36257 |
| 1995 | 20902 | 26829 | 38007 |
| 1996 | 20956 | 26829 | 38772 |
| 1997 | 21036 | 26829 | 39074 |
| 1998 | 21193 | 26829 | 39337 |
| 1999 | 27209 | 26829 | 40021 |
| 2000 | 27391 | 26829 | 40537 |
| 2001 | 27762 | 26829 | 40797 |
| 2002 | 27849 | 26829 | 41466 |
| 2003 | 28134 | 26829 | 43052 |
| 2004 | 30560 | 26829 | 46616 |
| 2005 | 31253 | 26829 | 49298 |
| 2006 | 31593 | 26829 | 51440 |
| 2007 | 31622 | 26877 | 54042 |
| 2008 | 31741 | 26823 | 55572 |
| 2009 | 31799 | 26823 | 56156 |
| 2010 | 31838 | 26823 | 56239 |
| 2011 | 31940 | 26823 | 56340 |
| 2012 | 32271 | 26823 | 56408 |
| 2013 | 32271 | 26823 | 56408 |
| 2014 | 32271 | 26823 | 56415 |
| 2015 | 28611 | 16353 | 36309 |
| 2016 | 28739 | 16353 | 36312 |
| 2017 | 29282 | 16353 | 36312 |
| 2018 | 29287 | 16353 | 36312 |
| 2019 | 29287 | 16353 | 36312 |
| 2020 | 29287 | 16353 | 36312 |
| 2021 | 29313 | 16353 | 36315 |
| 2022 | 30103* | 16353 | 35253* |
| 2023 | 30103 | 16353 | 35253 |
| 2024 | 30103 | 16353 | 35253 |

*No. of Hamlets and Dalitwadadas were reconciled



| YEAR | NUMBERS |
|----------|---------|
| 60-61 | 17968 |
| 63-64 | 35941 |
| 66-67 | 66744 |
| 69-70 | 156500 |
| 72-73 | 237201 |
| 75-76 | 283590 |
| 78-79 | 345302 |
| 81-82 | 486658 |
| 82-83 | 535773 |
| 83-84 | 579286 |
| 84-85 | 636003 |
| 85-86 | 724715 |
| 86-87 | 819523 |
| 87-88 | 936758 |
| 88-89 | 1036484 |
| 89-90 | 1111569 |
| 90-91 | 1193363 |
| 91-92 | 1273972 |
| 92-93 | 1398049 |
| 93-94 | 1504975 |
| 94-95 | 1605807 |
| 95-96 | 1642993 |
| 96-97 | 1791203 |
| 97-98 | 1824689 |
| 98-99 | 1884686 |
| 99-2K | 1932913 |
| 2000-01 | 1939573 |
| 2001-02 | 2207052 |
| 2002-03 | 2257969 |
| 2003-04 | 2309605 |
| 2004-05 | 2374365 |
| 2005-06 | 2440823 |
| 2006-07 | 2527800 |
| 2007-08 | 2599635 |
| 2008-09 | 2680671 |
| 2009-10 | 2769275 |
| 2010-11 | 2909006 |
| 2011-12 | 3061914 |
| 2012-13 | 3203871 |
| 2013-14 | 3344637 |
| 2014-15* | 1509495 |
| 2015-16 | 1581855 |
| 2016-17 | 1657258 |
| 2017-18 | 1720670 |
| 2018-19 | 1807100 |
| 2019-20 | 1812376 |
| 2020-21 | 1887110 |
| 2021-22 | 1825479 |
| 2022-23 | 2068329 |
| 2023-24 | 2167389 |



* From 2014-15 data pertains to residual A.P

9. FINANCE

9.1 PATTERN OF FINANCING

Rs.in Crores

| SL.No. | Description | 90-91 | 91-92 | 92-93 | 93-94 | 94-95 | 95-96 | 96-97 | 97-98 | 98-99 | * 98-99 | * 99-2K |
|-----------|--|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A. | CAPITAL EXPENDITURE | 479.04 | 648.57 | 893.46 | 1015.56 | 1216.85 | 1368.91 | 1018.18 | 1018.02 | 910.49 | 272 | 1118.62 |
| | DEBT REPAYMENT | | | | | | | | | | | |
| 1. | Government (From 2004-05 excl. Swapping) | 2.96 | 4.89 | 7.27 | 23.11 | 38.18 | 58.71 | 2.39 | 20 | 300 | - | 50.02 |
| 2. | Open Market | 0 | 0 | 0 | 0 | 0 | 22.00 | 33.21 | 20.63 | 20.78 | - | 18.15 |
| 3. | L.I.C | 11.65 | 11.3 | 11.62 | 14.13 | 18.33 | 22.74 | 21.43 | 20.95 | 22.33 | - | 1.6 |
| 4. | R.E.Bonds | -- | -- | -- | -- | -- | -- | - | - | - | - | - |
| 5. | REC (incl.SPA & Inventory) | 81.33 | 57.61 | 80.12 | 84.27 | 85.64 | 116.43 | 134.41 | 183.33 | 136.51 | 62.72 | 328.42 |
| 6. | Banks & Others (including Voluntry Loans, Contributions) | 11.31 | 13.45 | 10.04 | 36.75 | 172.23 | 296.94 | 159.32 | 458.34 | 483.78 | 38.06 | 162.96 |
| 7. | P.F.C | 4.34 | 17.02 | 28.74 | 42.67 | 58.42 | 76.98 | 323.63 | 73.99 | 78.73 | 38.06 | 20.13 |
| 8. | Industrial Development Bank of India | 26.37 | 29.34 | 37.51 | 59.04 | 80.25 | 150.36 | 96.64 | 364.11 | 92.56 | 52.12 | 133.58 |
| 9. | others(OsmaniaUniversity & SIDBI) | | | | | | | | | | | |
| | TOTAL CAPITAL OUTGOINGS | 617.00 | 782.18 | 1068.76 | 1275.53 | 1669.90 | 2113.07 | 1789.21 | 2159.37 | 2045.18 | 462.96 | 1833.48 |
| B | CAPITAL RECEIPTS | | | | | | | | | | | |
| 1. | Government Loans | 270.9 | 318.5 | 404.55 | 505.68 | 463.32 | 632.37 | 547.33 | 988.49 | 1319.39 | 397.24 | 1368.16 |
| 2. | C E A | -- | -- | -- | -- | -- | -- | -- | - | - | - | - |
| 3. | Open Market Loan | -- | -- | -- | -- | -- | -- | -- | 500 | 600 | 410.63 | 2602.61 |
| 4. | REC (SPA & Inventory)(@) | 98.89 | 83.48 | 89.26 | 164.8 | 250.82 | 171.91 | 45.35 | 64.98 | 379.01 | 265.57 | 513.03 |
| 5. | L.I.C | 10.03 | 31.03 | 62.13 | 68.95 | 55.57 | 34.88 | 26.62 | - | - | - | - |
| 6. | Banks & Others including Voluntary Loan Repayment | 5.4 | 0.45 | 67.93 | 259.77 | 344.99 | 311.96 | 208.91 | 494.25 | 280.51 | 87.59 | 234.74 |
| 7. | I.D.B.I. | 17.24 | 33.71 | 32.96 | 161.47 | 307.34 | 82.21 | 30.74 | 329.06 | 26.58 | 18.03 | 347.23 |
| 8. | P.F.C.(@) | 83.84 | 138.28 | 167.84 | 175.2 | 323.89 | 313.46 | 256.57 | 79.48 | 131.06 | 24.54 | 62.78 |
| 9. | B.H.E.L./SIDBI | -- | -- | 53.21 | 51.69 | 45.10 | 274.67 | 91.57 | 86.9 | - | - | - |
| 10. | Assistance from Central sponsored Scheme | -- | -- | -- | -- | -- | -- | -- | - | - | - | - |
| 11. | Contribution to Depreciation | 94.45 | 115.25 | 147.42 | 166.06 | 266.19 | 303.81 | 413.91 | 435.21 | 414.51 | 44.92 | 301.69 |
| 12. | Reserve (Consumer Contribution of Service Connection) Lines other than Revenue Cap-Appropriated for repayment of Loans | 38.43 | 60.17 | 61.53 | 55.9 | 76.91 | 76.15 | 164.62 | 140.23 | -309.47 | 32.17 | 157.55 |
| 13. | Contribution to general reserve utilisation of Cash Balance | -- | -- | -- | -- | -- | -- | -- | - | - | - | - |
| 14. | Provident Fund/Pension/Gratuity | 9.52 | 15.11 | 14.38 | 11.84 | 14.28 | 27.45 | 0.78 | 13 | -196.7 | 11.57 | 57.07 |
| 15. | Debts & Deposition (Consumer Deposits) | 38.2 | 32.34 | 59.21 | 86.92 | 61.54 | 56.32 | 121.64 | 79.39 | 101.27 | 12.15 | 67.62 |
| 16. | Regularisation of Agl.pumpsets | -- | 6.25 | -- | -- | -- | -- | -- | - | | | |
| | TOTAL | 666.9 | 834.57 | 1160.42 | 1708.28 | 2209.95 | 2285.19 | 1908.04 | 3210.99 | 2746.16 | 1304.41 | 5712.48 |

* TRANSCO including DISCOMs

@ including short term borrowings.

1. The loan repayments to Government amounting to Rs 694.42 crs have been swapped by availing REC loan during FY 2003-04 . Hence, the same are included under both repayments and receipts.

2. Open market borrowing of GOAP to discharge Vidyt Bonds liability taken over by GOAP. Hence, the same are included under both repayments and receipts.

9.1 PATTERN OF FINANCING (APTRANSCO)

Rs. Crores

| SL.No. | Description | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|------------|--|----------------|----------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A. | CAPITAL EXPENDITURE | 420.14 | 459.11 | 362.62 | 248.01 | 415.38 | 358.18 | 499.46 | 482.06 | 555.91 | 906.92 | 1092.35 | 1221.09 | 1135.57 | 1372.97 | 968.70 |
| A1. | DEBT REPAYMENT | | | | | | | | | | | | | | | |
| 1. | Government (From 2004-05 excl. Swapping) | 68.26 | 329.9 | 100.12 | 840.9 | 6.97 | 39.66 | 2.56 | 1.66 | 2.1 | 2.14 | 4.71 | 13.13 | 29.67 | 38.09 | 2.14 |
| 2. | Open Market | 6.88 | 0 | 14.03 | 380 | | 0 | | | | | | | | | |
| 3. | L.I.C | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 0.93 | 0.93 | | | | | | |
| 4. | R.E.Bonds | - | - | - | - | - | 0 | | | | | | | | | |
| 5. | REC (incl.SPA & Inventory) | 125.15 | 236.89 | 414.43 | 307.13 | 437.25 | 137.13 | 103.51 | 109.4 | 111.87 | 88.95 | 75.96 | 77.67 | 87.19 | 117.82 | 51.87 |
| 6. | Banks & Others (including Voluntry Loans, Contributions) | 206.2 | 55.9 | 75.28 | 146.31 | 198.74 | 38.5 | | | | | | | | | |
| 7. | P.F.C | 108.14 | 13.13 | 77.83 | 259.93 | 67.52 | 49.48 | 55.01 | 82.01 | 130.06 | 131.26 | 134.92 | 132.61 | 134.39 | 145.65 | 84.94 |
| 8. | Industrial Development Bank of India | 141.07 | 102.61 | 72.81 | 60.62 | 44.58 | 9.86 | 3.26 | | | | | | | | |
| 9. | others(OsmaniaUniversity & SIDBI)/Banks | | | | | 8.33 | 0 | 22.93 | 21.68 | 39.62 | 79.56 | 105.06 | 102.74 | 122.32 | 137.75 | 80.76 |
| | TOTAL CAPITAL OUTGOINGS | 1077.44 | 1199.14 | 1118.72 | 2244.5 | 1180.37 | 634.41 | 688.33 | 697.74 | 840.49 | 1208.83 | 1413.00 | 1547.24 | 1509.14 | 1812.28 | 1188.41 |
| B | CAPITAL RECEIPTS | | | | | | | | | | | | | | | |
| 1. | Government Loans | 400.67 | 534.16 | 355.49 | 231.44 | 61.34 | 8.77 | 3.17 | 4.58 | 0.48 | 167.6 | 148.63 | 148.41 | 136.55 | 149.91 | 0.00 |
| 2. | C E A | - | - | - | - | - | 0 | | | | | | | | | |
| 3. | Open Market Loan | - | 35.38 | 262.01 | 380 | | 0 | | | | | | | | | |
| 4. | REC (SPA & Inventory)(@) | 109.56 | 250 | 426.57 | 779.36 | 180.48 | 67.33 | 50.3 | 14.42 | 14.17 | 120.61 | 125.29 | 241.07 | 273.94 | 174.14 | 511.87 |
| 5. | L.I.C | - | - | - | - | - | 0 | | | | | | | | | |
| 6. | Banks & Others including Voluntary Loan Repayment | - | - | 42 | 295 | | 0 | 68.25 | 78.66 | 222.93 | 153.81 | 270.61 | 230.52 | 108.6 | 152.76 | 151.05 |
| 7. | I.D.B.I. | 57.8 | 19.59 | | | | 7.15 | | | | | | | | | |
| 8. | P.F.C.(@) | 151.56 | 123.06 | 378.46 | 146.39 | 72.13 | 224.29 | 206.74 | 219.81 | 122.15 | 120.76 | 191.63 | 308.34 | 169.92 | 107.66 | 35.33 |
| 9. | B.H.E.L./SIDBI | - | - | - | - | - | 0 | | | | | | | | | |
| 10. | Assistance from Central sponsored Scheme | - | - | - | - | - | 0 | | | | | | | | | |
| 11. | Contribution to Depreciation | 104.69 | 157.63 | 194.86 | 217.35 | 223.81 | 261.72 | 242.43 | 266.11 | 291.78 | 316.94 | 357.69 | 392.53 | 416.49 | 462.12 | 251.22 |
| 12. | Reserve (Consumer Contribution of Service Connection) Lines other than Revenue Cap-Appropriated for repayment of Loans | NA | 3.92 | 9.45 | 8.9 | 34.17 | 0 | | | | | | | | | |
| 13. | Contributions ,Grants and Subsidies | - | - | - | - | 11.61 | 13.99 | 27.08 | 72.76 | 129.98 | 46.26 | 289.1 | 363.65 | 148.2 | 127.42 | 1.67 |
| 14. | Provident Fund/Pension/Gratuity | 8.59 | 8.75 | -6.14 | -10.32 | 3.98 | 0 | | | | | | | | | |
| 15. | Debts & Deposition (Consumer Deposits) | - | - | - | - | - | 0 | | | | | | | | | |
| 16. | Regularisation of Agl.pumpsets | - | - | - | - | - | 0 | | | | | | | | | |
| 17. | Bank of Maharashtra (for swapping of Govt. loan) | | | | | | 34.96 | | | | | | | | | |
| 18. | Internal Resources | | | | | | 16.2 | 90.36 | 41.4 | 59 | 282.85 | 30.05 | -137.28 | 255.44 | 638.27 | 237.27 |
| | TOTAL | 832.87 | 1132.49 | 1662.70 | 2048.12 | 587.52 | 634.41 | 688.33 | 697.74 | 840.49 | 1208.83 | 1413.00 | 1547.24 | 1509.14 | 1812.28 | 1188.41 |

@ including short term borrowings.

budget

1. The loan repayments to Government amounting to Rs 694.42 crs have been swapped by availing REC loan during FY 2003-04 . Hence, the same are included under both repayments and receipts.

2. Open market borrowing of GOAP to discharge Vidyut Bonds liability taken over by GOAP. Hence, the same are included under both repayments and receipts.

9.1 PATTERN OF FINANCING (APTRANSCO)

Rs. Crores

| SL.No. | Description | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
|------------|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| A. | CAPITAL EXPENDITURE | 968.70 | 2148.45 | 2300.44 | 1412.15 | 1966.89 | 1387.65 | 1077.89 | 853.51 | 752.78 | 993.78 |
| AI. | DEBT REPAYMENT | | | | | | | | | | |
| 1. | Government (From 2004-05 excl. Swapping) | 2.14 | 2.14 | 2.43 | 1.72 | 4.73 | 0 | 15.73 | 48.54 | 60.25 | 68.44 |
| 2 | REC Ltd | 51.87 | 75.28 | 100.31 | 191.7 | 363.04 | 474.13 | 683.5 | 702.58 | 703.38 | 1171.22 |
| 3 | PFC Ltd | 84.94 | 39.65 | 48.58 | 47.69 | 39.99 | 44.07 | 166.6 | 365.84 | 278.41 | 240.3 |
| 4 | others./Banks | 80.76 | 76.05 | 235.04 | 60.75 | 323.17 | 79.6 | 52.27 | 69.54 | 69.38 | 95.33 |
| | TOTAL CAPITAL OUTGOINGS | 1188.41 | 2341.57 | 2686.80 | 1714.01 | 2697.82 | 1985.45 | 1995.99 | 2040.01 | 1864.20 | 2569.07 |
| B | CAPITAL RECEIPTS | | | | | | | | | | |
| 1. | Government Loans | 0.00 | 0.00 | 0 | 268.14 | 119.21 | 0 | 0 | 297.66 | 68.99 | 77.08 |
| 2. | C E A | | | | | | | | | | |
| 3. | Open Market Loan | | | | | | | | | | |
| 4. | REC | 511.87 | 1096.04 | 1002.21 | 758.14 | 1305.95 | 917.03 | 902.7 | 425.48 | 789.29 | 528.4 |
| 5. | L.I.C | | | | | | | | | | |
| 6. | Banks & Others including Voluntary Loan Repayment | 151.05 | 154.88 | 236.19 | 73.67 | 81.53 | 18.73 | 6.39 | 0 | 0 | 0 |
| 7. | I.D.B.I. | | | | | | | | | | |
| 8. | P.F.C. | 35.33 | 185.02 | 214.26 | 64.4 | 203.96 | 37.87 | 74.95 | 18.03 | 420.84 | 10.2 |
| 9. | B.H.E.L./SIDBI | | | | | | | | | | |
| 10. | Assistance from Central sponsored Scheme | | | | | | | | | | |
| 11. | Contribution to Depreciation | 251.22 | 274.06 | 335.95 | 468.55 | 544.79 | 613.88 | 658.84 | 676.76 | 688.12 | 787.03 |
| 12. | Reserve (Consumer Contribution of Service Connection) Lines other than Revenue Cap-Appropriated for repayment of Loans | | | | | | | | | | |
| 13. | Contributions ,Grants and Subsidies | 1.67 | 135.83 | -174.05 | 78.74 | 198.19 | 235.77 | 22.59 | 34.11 | 12.05 | 77.66 |
| 14. | Provident Fund/Pension/Gratuity | | | | | | | | | | |
| 15. | Debts & Deposition (Consumer Deposits) | | | | | | | | | | |
| 16. | Regularisation of Agl.pumpsets | | | | | | | | | | |
| 17. | Bank of Maharashtra (for swapping of Govt. loan) | | | | | | | | | | |
| 18. | Internal Resources | 237.27 | 495.74 | 1072.24 | 2.37 | 244.19 | 162.17 | 330.52 | 587.96 | (115.09) | 1088.70 |
| | TOTAL | 1188.41 | 2341.57 | 2686.80 | 1714.01 | 2697.82 | 1985.45 | 1995.99 | 2040.00 | 1864.20 | 2569.07 |

9.2 Abstract Balance Sheet (T+D (EPDCL+SPDCL+CPDCL)) as on 31st March 2024

(Rs. in Crores)

| Particulars | Total (T+D) | Particulars | Total (T+D) |
|---|------------------|------------------------------------|------------------|
| <u>LIABILITIES:</u> | | <u>ASSETS</u> | |
| Loans from Government | 808.03 | Fixed Assets | 55261.91 |
| Equity from Government | 934.49 | Accumulated Depreciation | (25142.04) |
| Deferred Tax Liability | 256.52 | Works-in-progress | 10547.42 |
| Cash Credit, OD & other short term borrowings | 24334.14 | Other Assets | 6610.34 |
| Other Grants | 9622.57 | | |
| Consumer Contribution | 3759.40 | Investments | |
| Long term Capital Liabilities | | Equity in Joint Ventures | 567.28 |
| APSEB Bonds & Vidyut Bonds | 0.00 | Others | 270.36 |
| PTC | 350.01 | Current Assets | |
| REC & SPA | 21334.17 | Stocks | 1892.80 |
| PFC | 15910.12 | Cash and Bank Balances | 1091.32 |
| Inter Corporate Funds | 0.00 | Receivable against supply of power | 17663.74 |
| NABARD | 42.65 | Loans and Advances | 15708.47 |
| Banks & Others | 9229.34 | Sundry Receivables | 28592.42 |
| Long Term Provisions | 9123.45 | Deferred Tax Asset | 0.00 |
| Other Long term liabilities | 4593.85 | | |
| Reserves and Reserve Fund | | | |
| Reserves | 3214.35 | | |
| Reserve Funds (PF & Pen.SF) | 488.85 | | |
| Security Deposit from Consumers | 5600.02 | | |
| Current Liabilities | 29770.86 | | |
| Surplus | (26308.79) | | |
| Total Liabilities: | 113064.03 | Total Assets: | 113064.03 |

9.2 Abstract Balance Sheet (T+D(EPDCL+SPDCL+CPDCL)) as on 31st March 2024

(Rs. in Crores)

| Particulars | Transco | EPDCL | SPDCL | CPDCL | Total (T+D) | Particulars | Transco | EPDCL | SPDCL | CPDCL | Total (T+D) |
|--|-----------------|-----------------|-----------------|-----------------|------------------|---|-----------------|-----------------|-----------------|-----------------|------------------|
| <u>LIABILITIES:</u> | | | | | | <u>ASSETS</u> | | | | | |
| Loans from Government | 637.89 | 160.67 | 9.48 | | 808.03 | Fixed Assets | 16994.29 | 9999.02 | 17559.64 | 10708.96 | 55261.91 |
| Equity from Government | 454.44 | 121.23 | 358.72 | 0.10 | 934.49 | Accumulated Depreciation | (8104.95) | (2942.05) | (9119.96) | (4975.08) | (25142.04) |
| Deferred Tax Liability | 254.317884 | 2.20 | 0.00 | 0.00 | 256.52 | Works-in-progress | 2947.69 | 864.04 | 4278.55 | 2457.14 | 10547.42 |
| Cash Credit/OD & other short term borrowings REC | 1025.41 | 6795.65 | 10976.27 | 5536.81 | 24334.14 | Other Assets | 687.33 | 0.17 | 5906.65 | 16.19 | 6610.34 |
| Other Grants | 598.387883 | 4233.77 | 2976.65 | 1813.77 | 9622.57 | Investments | | | | | |
| Consumer Contribution | 730.412117 | 3028.99 | | | 3759.40 | Equity in Joint ventures and Subsidiaries | 6.17 | 268.56 | 190.17 | 102.38 | 567.28 |
| Long term Capital Liabilities | | | | | | Others | 105.83 | 81.51 | 80.64 | 2.38 | 270.36 |
| APSEB Bonds & Vidyut Bonds | | | | | 0.00 | Current Assets | | | | | |
| PTC | 350 | | | 0.01 | 350.01 | Stocks | 146.25 | 345.62 | 808.40 | 592.53 | 1892.80 |
| REC | 3317.53 | 2760.75 | 9755.10 | 5500.79 | 21334.17 | Other current Assets | 353.80 | 1573.91 | 7994.74 | 7741.29 | 17663.74 |
| PFC | 533.61 | 2892.34 | 7850.35 | 4633.82 | 15910.12 | Cash and Bank Balances | 175.23 | 186.88 | 485.70 | 243.51 | 1091.32 |
| Inter Corporate Funds | | | | | 0.00 | Loans and Advances | 1098.34 | 10978.83 | 2404.69 | 1226.61 | 15708.47 |
| NABARD | 42.65 | | | | 42.65 | Sundry Receivables | 2056.22 | 8293.15 | 15011.60 | 3231.45 | 28592.42 |
| Banks & Others | 33.11 | 3192.03 | 3988.60 | 2015.60 | 9229.34 | | | | | | |
| Long term provisions | 2156.854 | 1008.03 | 4239.25 | 1719.31 | 9123.45 | | | | | | |
| Other long term liabilities | 163.024 | 317.63 | 2451.07 | 1662.12 | 4593.85 | | | | | | |
| Reserves and Reserve Fund | | | | | | | | | | | |
| Reserves | 61.224 | 166.19 | 275.88 | 2711.06 | 3214.35 | | | | | | |
| Reserve Funds (PF & Pen.SF, CR) | 259.07 | 107.24 | 104.16 | 18.38 | 488.85 | | | | | | |
| Security Deposit from Consumers | | 2812.81 | 2787.22 | | 5600.02 | | | | | | |
| Current Liabilities | 2780.994 | 9151.98 | 12407.74 | 5430.15 | 29770.86 | | | | | | |
| Surplus | 3067.284 | (7101.87) | (12579.65) | (9694.55) | (26308.79) | | | | | | |
| Total Liabilities: | 16466.21 | 29649.63 | 45600.82 | 21347.37 | 113064.03 | Total Assets: | 16466.21 | 29649.63 | 45600.82 | 21347.37 | 113064.03 |

9.3 REVENUE RECEIPTS & EXPENDITURE

(Rs.in crores)

| Sl.No. | Details | 1990-91 | 1991-92 | 1992-93 | 1993-94 | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 (Up to 1/99) | 1998-99 (2/99 & 3/99) | 1999-2K |
|--------|--|----------|---------|----------|----------|---------|----------|---------|-----------|-------------------------|--------------------------|---------|
| A) | REVENUE RECEIPTS | | | | | | | | | | | |
| | 1.By sale of Power | 1210.20 | 1530.98 | 1886.84 | 2172.78 | 2145.33 | 2288.33 | 3286.43 | 3990.20 | 3479.64 | 704.06 | 4535.45 |
| | By sale of power-Inter state | | | | | | | | | 2.16 | 1.17 | 6.82 |
| | 2.Miscellaneous | 52.74 | 32.86 | 48.58 | 130.24 | 131.00 | 154.93 | 272.14 | 373.21 | 382.51 | 67.33 | 414.20 |
| | 3.Subsidy | 38.76 | 69.54 | 0.08 | 0.13 | 944.11 | 1259.10 | 850.37 | - | 2074.66 | 474.60 | 3064.42 |
| | TOTAL (A) | 1301.70 | 1633.38 | 1935.50 | 2303.15 | 3220.44 | 3702.36 | 4408.94 | 4363.41 | 5938.97 | 1247.16 | 8020.89 |
| B) | REVENUE EXPENDITURE | | | | | | | | | | | |
| | 1.Fuel/Generation of Power | 289.23 | 375.34 | 483.90 | 608.75 | 719.09 | 1071.25 | 1319.69 | 1627.41 | 1571.00 | | - |
| | 2.Power Purchase | 238.00 | 413.54 | 591.46 | 742.75 | 940.29 | 982.69 | 1049.40 | 1767.48 | 1683.89 | 911.17 | 6201.87 |
| | 3.O&M Expenses | 61.92 | 78.53 | 102.96 | 122.28 | 132.28 | 136.81 | 187.44 | 204.21 | 154.01 | 25.50 | 133.33 |
| | 4.Establishment, General & office expens | 210.21 | 248.57 | 281.14 | 314.33 | 413.13 | 415.47 | 546.40 | 638.92 | 656.77 | 119.33 | 728.37 |
| | 5.State Electricity Duty. | 36.44 | 40.01 | 42.13 | 51.50 | 65.23 | 59.66 | 68.13 | 73.68 | 63.58 | 10.85 | 75.35 |
| | 6.Others (RBDD) | 42.44 | 21.04 | 1.01 | 2.16 | 21.60 | 1.80 | 20.16 | 2.72 | 98.97 | 0.71 | 3.72 |
| | | 36.52 ★ | 5.16 | | | | | | | | | |
| | 7. Prior period Charges(Credits) | | | (106.66) | (99.93) | 18.95 | (138.81) | 14.75 | (4.97) | 115.83 | 60.89 | (38.82) |
| | 8 Expenses capitalised | | | | | | | | | | | |
| | TOTAL (B) | 914.76 ★ | 1182.19 | 1395.94 | 1741.84 | 2310.57 | 2528.87 | 3205.97 | 4309.45 | 4344.05 | 1128.45 | 7103.82 |
| | GROSS OPERATING RESULTS (A-B) | 386.94 ★ | 451.19 | 539.56 | 561.31 | 909.87 | 1173.49 | 1202.97 | 53.96 | 1594.92 | 118.71 | 917.07 |
| C) | OTHER EXPENSES | | | | | | | | | | | |
| | 1.Depreciation | 94.44 | 115.25 | 146.75 | 172.30 | 286.82 | 348.27 | 418.99 | 434.72 | 414.01 | 44.90 | 301.47 |
| | 2.Balance Surplus | 292.70 | 335.94 | 392.81 | 389.01 | 623.05 | 825.22 | 783.98 | (380.76) | 1180.91 | 73.81 | 615.60 |
| | (Less Depreciation) | | | | | | | | | | | |
| | 3.Interest Charges : | | | | | | | | | | | |
| | a)On Loans from Insti- | | | | | | | | | | | |
| | tutional Creditors | 159.91 | 167.74 | 220.91 | 277.12 | 451.23 | 691.11 | 834.98 | 961.36 | 1082.05 | 66.78 | 645.67 |
| | b)On Loans from | | | | | | | | | | | |
| | State Government | 110.06 | 134.82 | 176.18 | 134.56 | 209.08 | 130.23 | 37.53 | 33.52 | 187.34 | 22.70 | 122.12 |
| | c)Less: IDC | 58.26 | 51.06 | 83.73 | (109.66) | 124.51 | 126.71 | 217.72 | 241.25 | 217.80 | 29.08 | 152.19 |
| | TOTAL INTEREST | | | | | | | | | | | |
| | CHARGES | 211.71 | 251.50 | 313.36 | 302.02 | 535.80 | 694.63 | 654.79 | 753.63 | 1051.59 | 60.40 | 651.60 |
| | NET SURPLUS/LOSSES | 80.99 | 84.44 | 79.45 | 86.99 | 87.25 | 130.59 | 129.19 | (1134.39) | 129.32 | 13.41 | 0.00 |
| | Provision for Tax | | | | | | | | | | | |
| | NET SURPLUS/(DEFICIT) | 80.99 | 84.44 | 79.45 | 86.99 | 87.25 | 130.59 | 129.19 | (1134.39) | 129.32 | 13.41 | 0.00 |

9.3 REVENUE RECEIPTS & EXPENDITURE

(Rs.in crores)

| Sl.No. | Details | 1999-2K | 2K-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 |
|--------|---|---------------|---------------|--------------|---------------|---------------|---------------|----------------|---------------|---------------|----------------|----------------|----------------|-----------------|-------------------|------------------|------------------|------------------|
| A) | REVENUE RECEIPTS | | | | | | | | | | | | | | | | | |
| | 1.By sale of Power | 4535.45 | 5591.77 | 5870.13 | 7396.96 | 7654.17 | 9169.99 | 8875.17 | 9979.74 | 11695.67 | 12838.68 | 15491.23 | 19303.29 | 23575.8 | 27068.49 | 29622.66 | 16915.67 | 18709.98 |
| | By sale of power-Inter state | 6.82 | 3.59 | 2.76 | 130.15 | 91.57 | 110.52 | 721.60 | 524.11 | 987.15 | 835.3 | 638.73 | 1053.81 | 691.47 | 581.98 | 1321.25 | 581.16 | 564.17 |
| | 2.Miscellaneous(including NTI&ED) | 414.20 | 476.57 | 510.03 | 1052.18 | 1722.01 | 1005.71 | 1165.28 | 642.37 | 664.76 | 593.76 | 724.43 | 859.48 | 1093.4 | 1271.19 | 1157.58 | 338.28 | 400.05 |
| | 3.Subsidy | 3064.42 | 2935.68 | 2457.00 | 1509.38 | 1513.49 | 1303.27 | 1599.48 | 1956.07 | 2866.39 | 7979.56 | 6709.1 | 5855.72 | 8125.64 | 5531.67 | 6305.57 | 3125.2 | 3186 |
| | 4.Transmission and SLDC Charges (Anual fee,Open Access) | | | | | | | | 9.73 | 23.64 | 43.71 | 37.29 | 54.08 | 97.56 | 138.23 | 217.83 | 1089.99 | 842.6 |
| | 5.Other income | | | | | | | | 478.29 | 529.63 | 606.61 | 613.02 | 695.52 | 624.95 | 768.41 | 562.46 | 1493.63 | 774.65 |
| | 6.Capital contribution | | | | | | | | 356.72 | 189.74 | 171.86 | 294.84 | 366.65 | 411.61 | 487.5 | 712.91 | 355.07 | 397.81 |
| | TOTAL (A) | 8021 | 9008 | 8840 | 10089 | 10981 | 11589 | 12362 | 13947 | 16957 | 23069 | 24509 | 28189 | 34620.43 | 35847.47 | 39900.26 | 23899.00 | 24875.26 |
| B) | REVENUE EXPENDITURE | | | | | | | | | | | | | | | | | |
| | 1.Power Purchase | 6201.87 | 7258.47 | 7497.26 | 7579.51 | 8415.87 | 8858.54 | 9122.82 | 10663.78 | 12575.8 | 18306.16 | 19415.85 | 21519.06 | 26821.14 | 32449.21 | 32939.23 | 19045.71 | 21745.39 |
| | 2.O&M Expenses | 133.33 | 156.31 | 197.64 | 195.56 | 166.97 | 183.66 | 241.45 | 257.31 | 285.67 | 317.53 | 324.71 | 387.99 | 472.72 | 634.56 | 740.61 | 373.03 | 225.96 |
| | 3.Establishment, General & office expens | 728.37 | 709.91 | 746.54 | 868.84 | 834.99 | 997.25 | 926.42 | 1132.68 | 1331.94 | 1432.44 | 1608.77 | 2699.88 | 2731.05 | 2918.02 | 3310.33 | 3493.67 | 3073.82 |
| | 4.State Electricity Duty. | 75.35 | 80.45 | 83.98 | 92.98 | 104.01 | 122.18 | 133.38 | 148.63 | 178.54 | 203.88 | 215.33 | 245.68 | 279.33 | 240.47 | 294.53 | 162.9 | 182.6 |
| | 5.Others (RBDD) | 3.72 | 24.61 | 13.73 | 9.07 | 48.13 | 50.15 | 124.94 | 55.46 | | | | | | | 0 | | |
| | 6. Prior period Charges(Credits) | (38.82) | 15.42 | (204.41) | (20.98) | 174.58 | (4.89) | 49.12 | (16.21) | -58.23 | 11.54 | -9.68 | -9.3 | -7.75 | -0.36 | 0.02 | (0.34) | (1.60) |
| | 7 Expenses capitalised | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | | |
| | 8.Incentive to HT Consumers | | | | | | | | | 261.77 | 253.78 | 160.16 | 55.12 | 0 | | 0 | 0 | 0 |
| | 9.other debits | | | | | | | | | 645.82 | 361.37 | 66.61 | 143.37 | 42.53 | 12226.85 | -25.5 | 181.45 | 21.75 |
| | 10.Transmission and SLDC Charges | | | | | | | | | | | | | | | | 784.62 | 723.4 |
| | TOTAL (B) | 7104 | 8245 | 8335 | 8725 | 9745 | 10207 | 10598 | 12242 | 15221 | 20887 | 21782 | 25042 | 30339.02 | 48468.75 | 37259.22 | 24041.04 | 25971.32 |
| C) | GROSS OPERATING RESULTS (A-B) | 917.07 | 762.44 | 505.18 | 1363.69 | 1236.69 | 1382.59 | 1763.40 | 1705.38 | 1735.67 | 2182.78 | 2726.89 | 3146.75 | 4281.41 | (12621.28) | 2641.04 | (142.04) | (1096.06) |
| | OTHER EXPENSES | | | | | | | | | | | | | | | | | |
| | 1.Depreciation | 301.47 | 333.23 | 423.80 | 497.87 | 571.88 | 668.69 | 757.72 | 873.25 | 907.93 | 1071.3 | 1219.77 | 1385.46 | 1551.10 | 1693.77 | 1866.34 | 1125.35 | 1263.36 |
| | 2.Balance Surplus (Less Depreciation) | 615.60 | 429.21 | 81.38 | 865.87 | 664.81 | 713.90 | 1005.68 | 832.13 | 827.74 | 1111.48 | 1507.12 | 1761.29 | 2730.31 | (14315.05) | 774.7 | (1267.39) | (2359.42) |
| | 3.Interest Charges : | | | | | | | | | | | | | | | | | |
| | a)On Loans from Institutional creditors | 645.67 | 482.26 | 473.47 | 611.01 | 677.47 | 716.71 | 793.48 | 796.35 | 739.05 | 1019.15 | 1426.88 | 1668.69 | 2417.47 | 2982.47 | 2270.45 | 1255.93 | 1651.48 |
| | b)On Loans from State Government | 122.12 | 36.56 | 76.49 | 117.24 | 168.68 | 125.10 | 5.85 | 3.89 | 4.5 | 3.99 | 3.16 | 22.29 | 35.67 | 47.73 | 58.72 | 11.66 | 0.48 |
| | c)Less: IDC | 152.19 | 89.61 | 102.12 | 101.53 | 111.26 | 652.16 | 114.52 | 114.95 | 103.51 | 102.76 | 108.42 | 106.05 | 146.85 | 193.26 | 246.56 | 206.09 | 246.15 |
| | TOTAL Interest charges | 651.60 | 429.21 | 447.84 | 626.72 | 734.89 | 189.65 | 684.81 | 685.29 | 640.04 | 920.38 | 1321.62 | 1584.93 | 2306.29 | 2836.90 | 2082.61 | 1061.5 | 1405.81 |
| | Contingency Reserve | | | | | | | | | | | | | 2.37 | 2.28 | 2.77 | | 2.55 |
| | TOTAL SURPLUS/LOSSES | 0 | 0 | (366) | (240) | (70) | 62 | 321 | | 188 | 191 | 186 | 176 | 424.02 | (17154.32) | (1310.19) | (2331.66) | (3767.78) |
| | MAT credit entitlement of earlier years | | | | | | | | | | | | | | | 32.28 | 0.00 | 28.59 |
| | Provision for Tax | | | | 18.50 | 5.64 | 4.50 | 29.49 | 14.00 | 18.94 | 22.7 | 35.33 | 36.54 | 74.80 | 103.29 | 68.25 | 37.00 | 28.59 |
| | Provision for deferred tax | | | | | | | | 22.64 | 25.8 | 62.99 | 14.31 | 52.13 | 51.27 | -164.84 | -67.73 | (19.12) | 48.51 |
| | NET SURPLUS/ (DEFICIT) | 0 | 0 | (366) | (222) | (76) | 57 | 291 | 110 | 143 | 105 | 136 | 88 | 297.95 | (17092.77) | (1278.43) | (2349.54) | (3816.29) |

9.3 REVENUE RECEIPTS & EXPENDITURE

(Rs.in crores)

| Sl.No. | Details | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
|--------|--|------------------|-----------------|-------------------|-----------------|-----------------|------------------|-----------------|-----------------|
| | REVENUE RECEIPTS | | | | | | | | |
| | 1.By sale of Power | 20304.16 | 23949.72 | 26596.22 | 27814.48 | 30613.3 | 34022.77 | 44780.46 | 49503.2 |
| | By sale of power-Inter state | 191.04 | 570.46 | 774.07 | 10.92 | 0.58 | 46.82 | 850.05 | 1206.27 |
| | 2.Miscellaneous(including NTI&ED) | 489.7 | 589.13 | 431.93 | 718.01 | 1480.39 | 651.24 | 560.72 | 0 |
| | 3.Subsidy | 3289.42 | 4679.08 | 6193.74 | 9700.88 | 10265.44 | 8045.75 | 8677.36 | 2884.17 |
| A) | 4.Transmission and SLDC Charges | 0 | 0 | 0 | 0 | 186.63 | 0 | 0 | 809.88 |
| | 5.Transmission and SLDC Charges (Annual fee,Open Access) | 981.96 | 1432.71 | 1576.75 | 2020.93 | 2546.34 | 2574.49 | 3535.44 | 747.95 |
| | 6.Other income | 1034.65 | 1041.36 | 1576.66 | 1952 | 1853.5 | 2581.25 | 2420.12 | 2914.3 |
| | 7.Capital contribution | 458.16 | 535.63 | 656.19 | 721.22 | 695.89 | 731.65 | 862.63 | 14996.55 |
| | TOTAL (A) | 26749.09 | 32798.09 | 37805.56 | 42938.44 | 47642.07 | 48653.97 | 61686.78 | 73062.32 |
| | REVENUE EXPENDITURE | | | | | | | | |
| | 1.Power Purchase | 22447.31 | 25435.28 | 39036.79 | 31084.39 | 33290.56 | 37873.49 | 46405.29 | 48212.13 |
| | 2.O&M Expenses | 725.37 | 657.81 | 927.98 | 901.42 | 833.05 | 919.09 | 1227.73 | 2491.17 |
| | 3.Establishment, General & office expenses | 2503.05 | 3110.49 | 5351.76 | 6005.28 | 8014.49 | 6196.17 | 6206.39 | 8941.08 |
| B) | 4.State Electricity Duty. | 196.38 | 128.93 | 239.41 | 260.9 | 249.81 | 283.88 | 486.65 | 1116.06 |
| | 5.Others (RBDD) | | | | | | | | 2552.03 |
| | 6. Prior period Charges(Credits) | 73.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 Expenses capitalised | | | | | | | | 0 |
| | 8.Incentive to HT Consumers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9.other debits | 96.9 | 127.86 | 333.42 | 137.35 | 89.07 | 0 | 0 | 0 |
| | 10.Transmission and SLDC Charges | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | TOTAL (B) | 26042.45 | 29460.37 | 45889.36 | 38389.34 | 42476.98 | 45272.63 | 54326.06 | 63312.47 |
| | GROSS OPERATING RESULTS (A-B) | 706.64 | 3337.72 | (8083.80) | 4549.10 | 5165.09 | 3381.34 | 7360.72 | 9749.85 |
| | OTHER EXPENSES | | | | | | | | |
| | 1.Depreciation | 1425.49 | 1598.09 | 1836.07 | 2163.42 | 2192.52 | 2309.72 | 2495.22 | 2818.33 |
| | 2.Balance Surplus (Less Depreciation) | (718.85) | 1739.63 | (9919.87) | 2385.68 | 2972.57 | 2385.68 | 4865.49 | 6931.52 |
| | 3.Interest Charges : | | | | | | | | |
| | a)On Loans from Institutional creditors | 958.36 | 1381.22 | 1599.13 | 2165.31 | 2098.68 | 2333.02 | 3435.58 | 2284.12 |
| | b)On Loans from State Government | 685.06 | 518.81 | 645.72 | 474.93 | 882.4 | 1170.7 | 892.74 | 4044.2 |
| C) | c)Less: IDC | 102.73 | 284.22 | 296.24 | 196.65 | 220.55 | 291.46 | 350.74 | 405.87 |
| | TOTAL Interest charges | 1540.69 | 1615.81 | 1948.61 | 2443.59 | 2760.53 | 3212.26 | 3977.58 | 5922.45 |
| | Extraordinary items | 86.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1713.06 | -0.01 |
| | Contingency Reserve | 2.42 | 2.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | TOTAL SURPLUS/LOSSES | (2175.13) | 121.30 | (11868.48) | (57.91) | 212.04 | (2140.64) | 2600.97 | 1009.06 |
| | MAT credit entitlement of earlier years | 24.11 | 13.89 | 4.54 | 7.24 | 57.21 | 4.22 | 48.42 | 0 |
| | Provision for Tax | 33.47 | 35.92 | 4.54 | 7.24 | 44.2 | 58.9 | 82.23 | 147.2 |
| | Provision for deferred tax | 53.01 | 65.98 | (4.23) | (21.68) | 149.97 | 11.74 | 115.22 | 89.16 |
| | NET SURPLUS/ (DEFICIT) | (2237.50) | 33.29 | 11864.25 | (36.23) | 260.60 | (2215.50) | 2355.10 | 772.70 |

9.3. (A) Revenue Receipts and Expenditure (T+D(EPDCL+SPDCL+CPDCL)) for the year 2023-24

(Rs in crores)

| Particulars | TRANSCO | EPDCL | SPDCL | CPDCL | Total (D) | Total (T+D) |
|---|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <u>A. Revenue Receipts</u> | | | | | | |
| Sale of Power | 0.00 | 20084.10 | 17097.18 | 12321.92 | 49503.20 | 49503.20 |
| Sale of Power - Interstate/UI/inter Discom | 0.00 | 168.45 | 244.52 | 793.30 | 1206.27 | 1206.27 |
| Miscellaneous | 0.00 | 498.03 | 222.48 | 27.44 | 747.95 | 747.95 |
| Transmission & SLDC Charges - Discoms | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Transmission & SLDC Charges - others (incl. Annual fee, Open Access) | 2884.17 | 0.00 | 0.00 | 0.00 | 0.00 | 2884.17 |
| Capital Contributions | | 256.10 | 302.68 | 251.10 | 809.88 | 809.88 |
| Other income | 367.04 | 494.84 | 1582.26 | 470.16 | 2547.26 | 2914.30 |
| Subsidy | 0.00 | 3011.05 | 8910.09 | 3075.41 | 14996.55 | 14996.55 |
| Total Revenue: | 3251.21 | 24512.57 | 28359.21 | 16939.33 | 69811.11 | 73062.32 |
| <u>B. Revenue expenditure:</u> | | | | | | |
| Purchase of power | 0.00 | 18651.16 | 18744.37 | 10816.60 | 48212.13 | 48212.13 |
| Transmission & SLDC Charges | 0.00 | 0.00 | 1611.26 | 879.91 | 2491.17 | 2491.17 |
| O & M Expenses | 329.37 | 2596.17 | 3620.27 | 2395.27 | 8611.71 | 8941.08 |
| Establishment (incl. Adm & Gen. Exp) | 847.02 | 95.50 | 117.82 | 55.72 | 269.04 | 1116.06 |
| State Electricity Duty | 0.00 | 1140.30 | 877.45 | 534.28 | 2552.03 | 2552.03 |
| Incentive to HT consumers | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 |
| Other Debits | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 |
| Prior Period Charges/ (Credits) | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 |
| Total B | 1176.39 | 22483.13 | 24971.17 | 14681.78 | 62136.08 | 63312.47 |
| Gross operating results (A - B) | 2074.82 | 2029.44 | 3388.04 | 2257.55 | 7675.03 | 9749.85 |
| <u>C. Other Expenses:</u> | | | | | | |
| Depreciation | 809.39 | 454.26 | 930.54 | 624.14 | 2008.94 | 2818.33 |
| Balance Surplus (Less Depreciation) | 1265.43 | 1575.18 | 2457.50 | 1633.41 | 5666.09 | 6931.52 |
| Interest & finance Charges | | | | | | |
| On loans from Institutions & others | 571.21 | 1434.46 | 148.67 | 129.78 | 1712.91 | 2284.12 |
| from State Govt. | 0.00 | 0.00 | 2486.77 | 1557.43 | 4044.20 | 4044.20 |
| Less: IDC | 141.54 | 0.00 | 179.29 | 85.04 | 264.33 | 405.87 |
| Total Interest & finance Charges | 429.67 | 1434.46 | 2456.15 | 1602.17 | 5492.78 | 5922.45 |
| Extraordinary items | (0.01) | 0.00 | 0.00 | 0.00 | 0.00 | (0.01) |
| Contingency Reserve | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Surplus | 835.76 | 140.72 | 1.35 | 31.24 | 173.31 | 1009.06 |
| MAT credit entitlement of earlier yeas | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Provision for Tax/(MAT credit) | 142.57 | 4.63 | 0.00 | 0.00 | 4.63 | 147.20 |
| Provision for Deferred Tax/(Deferred Tax Asset) | 89.16 | 0.00 | 0.00 | 0.00 | 0.00 | 89.16 |
| Net Surplus / (Deficit) | 604.03 | 136.09 | 1.35 | 31.24 | 168.68 | 772.70 |

9.4 PERCENTAGE OF INCOME AND EXPENDITURE FOR THE PERIOD (1990-91 TO 1998-99)

| Sl.No. | I t e m s | 90-91 | 91-92 | 92-93 | 93-94 | 94-95 | 95-96 | 96-97 | 97-98 | 98-99 | 98-99 |
|-----------|---------------------------------------|-------|-------|---------|---------|-------|---------|-------|-------|--------------|-------------|
| | | % | % | % | % | % | % | % | % | (Up to 1/99) | (2/99&3/99) |
| A) | REVENUE RECEIPTS | | | | | | | | | | |
| 1 | By Sale of Power | 92.97 | 93.73 | 97.48 | 94.34 | 66.62 | 61.81 | 75.09 | 91.45 | 58.51 | 58.45 |
| 1(a) | By interstate sale of power | | | | | | | | | | |
| 2 | Miscellaneous | 4.05 | 2.01 | 2.51 | 5.65 | 4.06 | 4.18 | 6.32 | 8.55 | 6.46 | 5.84 |
| 3 | Subsidy | 2.98 | 4.26 | 0.01 | 0.01 | 29.32 | 34.01 | 18.59 | - | 35.03 | 35.71 |
| | TOTAL (A) | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| B) | REVENUE EXPENDITURE | | | | | | | | | | |
| 1 | Fuel | 23.69 | 24.23 | 26.07 | 27.47 | 23.09 | 30.00 | 30.79 | 29.60 | 26.39 | - |
| 2 | Power Purchase | 19.50 | 26.70 | 31.87 | 33.52 | 30.19 | 27.51 | 24.50 | 32.15 | 28.98 | 76.63 |
| 3 | O& M Expneses | 5.07 | 5.07 | 5.55 | 5.52 | 4.25 | 3.83 | 4.03 | 3.71 | 3.31 | 2.15 |
| 4 | Establishment, General & office Expe. | 17.22 | 16.05 | 15.15 | 14.18 | 13.27 | 11.63 | 12.27 | 11.62 | 12.37 | 11.47 |
| 5 | Central Excise/ State Excise Duty | 2.99 | 2.58 | 2.27 | 2.32 | 2.09 | 1.67 | 1.6 | 1.34 | 1.09 | 0.91 |
| 6 | Net prior period charges | | | | | | | | | 1.99 | -0.21 |
| 7 | Expenses capitalised | | | | | | | | | -1.06 | -1.41 |
| 8 | Others | 6.45 | 1.69 | (-) 5.7 | (-)4.41 | 0.69 | (-)3.83 | 0.88 | -0.04 | 1.7 | 0.06 |
| C) | OTHER EXPENSES | | | | | | | | | | |
| 1. | Depreciation | 7.74 | 7.44 | 7.91 | 7.77 | 9.21 | 9.75 | 9.84 | 7.91 | 7.13 | 3.78 |
| 2. | Interest Charges | 17.34 | 16.24 | 16.88 | 13.63 | 17.21 | 19.44 | 16.09 | 13.71 | 18.1 | 6.62 |
| | TOTAL (B + C) | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

contd..

9.4 PERCENTAGE OF INCOME AND EXPENDITURE FOR THE PERIOD (1999-2000 TO 2014-15)

| Sl.No. | I t e m s | 99-2K | 2K-01 | 01-02 | 02-03 | 03-04 | 04-05 | 05-06 | 06-07 | 07-08 | 08-09 | 09-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 |
|-----------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|-------|-------|
| | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| A) | REVENUE RECEIPTS | | | | | | | | | | | | | | | | |
| 1 | By Sale of Power | 56.18 | 62.08 | 69.85 | 74.28 | 69.71 | 73.95 | 71.80 | 71.55 | 68.87 | 55.08 | 63.21 | 68.48 | 68.10 | 75.51 | 74.24 | 70.78 |
| 1(a) | By interstate sale of power | | | | | 0.83 | 0.95 | 5.84 | 3.8 | 5.84 | 3.62 | 2.61 | 3.74 | 2 | 1.62 | 3.31 | 2.43 |
| 2 | Miscellaneous | 5.48 | 5.33 | 2.35 | 4.87 | 15.68 | 13.85 | 9.42 | 10.63 | 3.13 | 3.20 | 2.50 | 3.05 | 3.16 | 3.55 | 2.90 | 1.42 |
| 3 | Subsidy | 38.34 | 32.59 | 27.80 | 20.85 | 13.78 | 11.25 | 12.94 | 14.02 | 16.96 | 34.59 | 27.37 | 20.77 | 23.47 | 15.43 | 15.8 | 13.08 |
| 4 | Others | | | | | | | | | 3.93 | 2.57 | 2.96 | 2.47 | 1.81 | 2.14 | 1.79 | 6.25 |
| 5 | Capital Contributions | | | | | | | | | 1.12 | 0.74 | 1.20 | 1.30 | 1.19 | 1.36 | 1.41 | 1.49 |
| 6 | Transmission and SLDC Charges | | | | | | | | | 0.14 | 0.19 | 0.15 | 0.19 | 0.28 | 0.39 | 0.55 | 4.56 |
| | TOTAL (A) | 100 | 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 | 100 | 100 | 100.0 |
| B) | REVENUE EXPENDITURE | | | | | | | | | | | | | | | | |
| 1 | Fuel | - | - | - | - | - | | | | | | | | | | | |
| 2 | Power Purchase | 77.11 | 80.58 | 81.44 | 76.95 | 76.15 | 76.82 | 75.58 | 77.06 | 75.04 | 79.72 | 79.66 | 76.58 | 78.14 | 61.29 | 79.93 | 72.61 |
| 3 | O&M Expenses | 1.65 | 1.75 | 2.15 | 1.99 | 1.51 | 1.59 | 2.00 | 1.86 | 1.70 | 1.38 | 1.33 | 1.38 | 1.38 | 1.20 | 1.80 | 1.42 |
| 4 | Establishment, General & office Exp | 9.55 | 7.88 | 8.11 | 8.82 | 7.56 | 8.65 | 7.68 | 8.19 | 7.95 | 6.24 | 6.60 | 9.61 | 7.96 | 5.51 | 8.03 | 13.32 |
| | Central Electricity/ State Electricity Duty | 0.94 | 0.89 | 0.91 | 0.94 | 0.94 | 1.06 | 1.11 | 1.07 | 1.07 | 0.89 | 0.88 | 0.87 | 0.81 | 0.45 | 0.71 | 0.62 |
| 6 | Net prior period charges | -0.14 | 0.17 | -2.22 | -0.21 | 1.58 | -0.04 | 0.41 | -0.12 | -0.35 | 0.05 | (0.04) | (0.03) | (0.02) | 0.00 | 0.00 | 0.00 |
| 7 | Expenses capitalised | -0.98 | 0 | 0.00 | 0.00 | 0.00 | | | 0.41 | | | | | | | | |
| 8 | Others | 0.03 | 0.27 | 0.15 | 0.09 | 0.44 | 0.44 | 1.05 | | 5.09 | 1.57 | 0.27 | 0.51 | 0.12 | 23.10 | -0.06 | 0.69 |
| 9 | Incentives to HT consumers | | | | | | | | | | 1.11 | 0.66 | 0.2 | | | | 0 |
| 10 | Transmission and SLDC Charges | | | | | | | | | | | | | | | | 2.99 |
| C) | OTHER EXPENSES | | | | | | | | | | | | | | | | |
| 1. | Depreciation | 3.75 | 3.7 | 4.60 | 5.05 | 5.17 | 5.80 | 6.26 | 6.31 | 5.42 | 4.67 | 5.00 | 4.93 | 4.52 | 3.20 | 4.53 | 4.29 |
| 2. | Interest Charges | 8.09 | 4.76 | 4.86 | 6.36 | 6.65 | 5.66 | 5.67 | 4.95 | 3.82 | 4.01 | 5.42 | 5.64 | 6.72 | 5.36 | 5.05 | 4.05 |
| 3 | Taxes | | | | | | 0.04 | 0.24 | 0.26 | 0.27 | 0.37 | 0.20 | 0.32 | 0.37 | (0.12) | 0.01 | 0.00 |
| 4 | Contingency Reserve | | | | | | | | | | | | | | | | 0.01 |
| | TOTAL (B + C) | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100.0 |

9.4 PERCENTAGE OF INCOME AND EXPENDITURE (T+D(EPDCL+SPDCL+CPDCL))FOR THE PERIOD (2014-15 TO 2023-24)

| Sl.No. | I t e m s | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
|-----------|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | | % | % | % | % | % | % | % | % | % | % |
| A) | REVENUE RECEIPTS | | | | | | | | | | |
| 1 | By Sale of Power | 70.78 | 75.22 | 75.91 | 73.02 | 70.35 | 64.78 | 64.26 | 69.93 | 73.17 | 67.75 |
| 1(a) | By interstate sale of power | 2.43 | 2.27 | 0.71 | 1.74 | 2.05 | 0.03 | 0 | 0.10 | 1.39 | 1.65 |
| 2 | Miscellaneous | 1.42 | 1.61 | 1.83 | 1.8 | 1.14 | 1.67 | 3.11 | 5.29 | 0.00 | 0.00 |
| 3 | Subsidy | 13.08 | 12.81 | 12.3 | 14.27 | 16.38 | 22.59 | 21.55 | 1.50 | 4.98 | 3.95 |
| 4 | Others | 6.25 | 3.11 | 3.87 | 3.18 | 4.17 | 4.55 | 3.89 | 1.34 | 1.41 | 1.11 |
| 5 | Capital Contributions | 1.49 | 1.6 | 1.71 | 1.63 | 1.74 | 1.68 | 1.46 | 5.31 | 0.92 | 1.02 |
| 6 | Transmission and SLDC Charges | 4.56 | 3.39 | 3.67 | 4.37 | 4.17 | 4.71 | 0.39 | 16.54 | 3.95 | 3.99 |
| 7 | Transmission and SLDC Charges (Incl. Annual fee, Open Access) | | | | | | | 5.34 | 0 | 14.18 | 20.53 |
| | TOTAL (A) | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| B) | REVENUE EXPENDITURE | | | | | | | | | | |
| 1 | Power Purchase | 72.61 | 75.92 | 77.38 | 77.84 | 78.59 | 72.33 | 70.26 | 74.45 | 76.02 | 66.69 |
| 2 | O&M Expenses | 1.42 | 0.79 | 2.50 | 2.02 | 1.87 | 2.10 | 1.76 | 1.81 | 0.00 | 12.37 |
| 3 | Establishment, General & office Exp Central Electricity/ State Electricity | 13.32 | 10.73 | 8.63 | 9.52 | 10.77 | 13.97 | 16.91 | 12.18 | 2.01 | 1.54 |
| 4 | Duty | 0.62 | 0.64 | 0.68 | 0.39 | 0.48 | 0.61 | 0.53 | 0.56 | 10.17 | 3.53 |
| 5 | Net prior period charges | 0.00 | (0.01) | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.80 | 0.00 |
| 6 | Expenses capitalised | | | | | | | | | | |
| 7 | Others | 0.69 | 0.08 | 0.33 | 0.39 | 0.67 | 0.32 | 0.19 | 0.00 | 0.00 | 0.00 |
| 8 | Incentives to HT consumers | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | Transmission and SLDC Charges | 2.99 | 2.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.45 |
| C) | OTHER EXPENSES | | | | | | | | | | |
| 1 | Depreciation | 4.29 | 4.41 | 4.91 | 4.89 | 3.70 | 5.03 | 4.63 | 4.54 | 6.52 | 3.90 |
| 2 | Interest Charges | 4.05 | 4.91 | 5.31 | 4.94 | 3.92 | 5.69 | 5.83 | 6.31 | 4.09 | 8.19 |
| 3 | Taxes | 0.00 | 0 | 0.00 | 0.00 | 0.00 | (0.05) | (0.10) | 0.15 | 0.40 | 0.33 |
| 4 | Contingency Reserve | 0.01 | 0.01 | 0.01 | 0.01 | (0.01) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | TOTAL (B + C) | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

**9.5(A) COST OF POWER AT VARIOUS VOLTAGES
(PAISE / KWH)**

| Sl.No. | Year | Pooled Cost Including Purchases | | | | Cost at various Voltages | | | |
|--------|---------|---------------------------------|---------|-----------|--------|--------------------------|----------|---------|---------|
| | | Hydro | Thermal | Purchases | Total | 33 KV End | 11KV End | L.T End | Overall |
| 1 | 1982-83 | 7.33 | 36.24 | - | 22.29 | 28.65 | 34.39 | 64.94 | 44.62 |
| 2 | 1983-84 | 8.74 | 38.03 | - | 24.28 | 31.92 | 36.83 | 68.08 | 48.43 |
| 3 | 1984-85 | 5.40 | 39.86 | - | 22.21 | 28.84 | 33.52 | 60.63 | 47.43 |
| 4 | 1985-86 | 7.10 | 35.96 | - | 26.79 | 34.67 | 40.41 | 68.93 | 53.32 |
| 5 | 1986-87 | 6.58 | 38.39 | - | 27.23 | 35.36 | 41.26 | 68.90 | 55.00 |
| 6 | 1987-88 | 7.42 | 40.11 | - | 29.17 | 33.67 | 43.09 | 70.68 | 60.00 |
| 7 | 1988-89 | 6.63 | 41.52 | 62.06 | 30.54 | 34.16 | 46.61 | 77.03 | 64.00 |
| 8 | 1989-90 | 9.03 | 50.18 | 61.93 | 35.35 | 39.21 | 52.62 | 84.88 | 69.00 |
| 9 | 1990-91 | 9.41 | 58.14 | 54.69 | 35.32 | 39.82 | 54.26 | 88.90 | 75.00 |
| 10 | 1991-92 | 10.35 | 69.46 | 67.08 | 45.62 | 50.75 | 66.30 | 102.93 | 85.00 |
| 11 | 1992-93 | 11.05 | 81.91 | 80.43 | 55.78 | 61.82 | 79.24 | 117.83 | 94.00 |
| 12 | 1993-94 | 8.97 | 91.02 | 89.71 | 61.05 | 67.59 | 80.98 | 126.74 | 108.00 |
| 13 | 1994-95 | 13.28 | 110.72 | 101.88 | 75.11 | 84.55 | 99.19 | 154.22 | 134.85 |
| 14 | 1995-96 | 21.69 | 116.43 | 106.56 | 92.09 | 102.32 | 123.75 | 172.50 | 155.22 |
| 15 | 1996-97 | 17.82 | 121.98 | 122.60 | 96.08 | 107.32 | 139.78 | 234.44 | 196.85 |
| 16 | 1997-98 | 19.44 | 131.68 | 157.36 | 117.09 | 129.55 | 161.99 | 264.89 | 229.43 |
| 17 | 1998-99 | 22.72 | 160.59 | 172.49 | 134.91 | 150.00 | 187.00 | 316.94 | 275.57 |

| A.P.GENCO (PAISE / KWH) | | | | | Avg. Cost of Purchase of Power (PAISE / KWH) | | | |
|-----------------------------|---------|-------|---------|--------|---|------------------------|-----------------------|--------|
| Sl.No. | Year | Hydro | Thermal | Avg | Year | Purchases from APGENCO | Purchases from Others | Total |
| 18 | 1999-2K | - | - | 133.36 | 1999-2K | 133.36 | 179.50 | 151.18 |
| 20 | 2000-01 | - | - | 153.38 | 2000-01 | 153.38 | 204.31 | 172.06 |
| 21 | 2001-02 | - | - | 156.56 | 2001-02 | 156.56 | 213.09 | 179.05 |
| 22 | 2002-03 | - | - | 162.42 | 2002-03 | 162.42 | 185.98 | 173.09 |
| 23 | 2003-04 | - | - | 171.00 | 2003-04 | 171.00 | 190.12 | 180.81 |
| 24 | 2004-05 | - | - | 159.36 | 2004-05 | 159.36 | 188.35 | 173.21 |
| 25 | 2005-06 | - | - | 141.00 | 2005-06 | 141.00 | 206.60 | 173.00 |
| 26 | 2006-07 | - | - | 138.00 | 2006-07 | 138.00 | 219.00 | 177.00 |
| 27 | 2007-08 | - | - | 152.00 | 2007-08 | 152.00 | 265.00 | 207.00 |
| 28 | 2008-09 | - | - | 194.00 | 2008-09 | 194.00 | 347.00 | 276.00 |
| 29 | 2009-10 | - | - | 231.00 | 2009-10 | 231.00 | 297.00 | 271.00 |
| 30 | 2010-11 | - | - | 258.60 | 2010-11 | 258.60 | 310.52 | 287.03 |
| 31 | 2011-12 | - | - | 306.78 | 2011-12 | 306.78 | 362.28 | 336.93 |
| 32 | 2012-13 | - | - | 402.10 | 2012-13 | 402.10 | 438.32 | 421.03 |
| 33 | 2013-14 | - | - | 316.36 | 2013-14 | 316.36 | 471.54 | 400.76 |
| 34 | 2014-15 | - | - | 341.00 | 2014-15 | 341.00 | 516.60 | 440.09 |
| 35 | 2015-16 | - | - | 407.00 | 2015-16 | 407.00 | 490.04 | 454.00 |
| 36 | 2016-17 | - | - | 380.00 | 2016-17 | 380.00 | 469.86 | 428.00 |
| 37 | 2017-18 | | | 411.00 | 2017-18 | 411.00 | 468.81 | 440.00 |
| 38 | 2018-19 | | | 529.00 | 2018-19 | 529.00 | 614.00 | 589.00 |
| 39 | 2019-20 | | | 438.00 | 2019-20 | 438.00 | 461.00 | 454.00 |
| 40 | 2020-21 | | | 459.00 | 2020-21 | 459.00 | 497.00 | 488.00 |
| 41 | 2021-22 | | | 416.00 | 2021-22 | 416.00 | 534.00 | 498.00 |
| 42 | 2022-23 | | | 440.00 | 2022-23 | 440.00 | 672.00 | 597.00 |
| 43 | 2023-24 | | | 469.00 | 2023-24 | 469.00 | 582.00 | 595.00 |

* Provisional Data

9.5(B) AVERAGE REVENUE REALISATION

| (PAISE / KWH) | | | | | |
|-----------------------|---------|----------|------------|---------|---------|
| Sl.No | Year | LT Agrl. | LT Overall | HT | Overall |
| 1 | 1999-2k | 15.16 | 117.12 | 337.35 | 174.20 |
| 2 | 2000-01 | 21.31 | 147.80 | 380.68 | 205.52 |
| 3 | 2001-02 | 17.13 | 145.01 | 385.03 | 199.65 |
| 4 | 2002-03 | 66.00 | 181.00 | 396.00 | 234.00 |
| 5 | 2003-04 | 33.00 | 166.78 | 374.92 | 224.57 |
| 6 | 2004-05 | 30.03 | 166.49 | 372.99 | 227.85 |
| 7 | 2005-06 | 1.02 | 153.81 | 379.41 | 223.83 |
| 8 | 2006-07 | 1.67 | 155.93 | 367.97 | 222.52 |
| 9 | 2007-08 | 1.40 | 174.00 | 356.82 | 239.15 |
| 10 | 2008-09 | 1.35 | 170.83 | 367.50 | 253.13 |
| 11 | 2009-10 | 1.09 | 182.02 | 390.42 | 266.42 |
| 12 | 2010-11 | 0.69 | 193.30 | 401.56 | 270.65 |
| 13 | 2011-12 | 1.03 | 197.30 | 419.75 | 280.02 |
| 14 | 2012-13 | 3.09 | 233.73 | 548.02 | 345.36 |
| 15 | 2013-14 | 0.54 | 253.09 | 634.62 | 392.72 |
| 16 | 2014-15 | 0.39 | 255.55 | 588.19 | 382.55 |
| 17 | 2015-16 | 4.3 | 295.33 | 644.13 | 424.58 |
| 18 | 2016-17 | 4.3 | 288.17 | 652.15 | 419.42 |
| 19 | 2017-18 | 1.937 | 303.77 | 680.81 | 443.72 |
| 19 | 2018-19 | 4.47 | 324.67 | 659.57 | 451.11 |
| 20 | 2019-20 | 83.23 | 346.26 | 677.00 | 492.68 |
| 21 | 2020-21 | 111.01 | 343.87 | 711.22 | 477.12 |
| 22 | 2021-22 | 88.46 | 352.93 | 1946.14 | 976.64 |
| 23 | 2022-23 | 725.44 | 644.34 | 738.36 | 682.84 |
| 24 | 2023-24 | 826.62 | 631.42 | 768.66 | 685.48 |

9.6 COST OF COAL AS ON 31-03-2024

| Sl.No. | Thermal Station | Source of supply | (Rs. / Metric Ton) | GRADE | |
|----------------------|-----------------|------------------|--------------------|---------|-----|
| 1 | Dr.MVR.R.T.P.P | SCCL | | | |
| | | SSCL | Kotthagudem | 6729.59 | G8 |
| | | | | 4946.62 | G11 |
| | | | | 4764.01 | G12 |
| | | | | 4303.72 | G13 |
| | | | | 4042.47 | G15 |
| | | | Ramagundam | 6457.59 | G8 |
| | | | | 5413.96 | G10 |
| | | | | 4851.05 | G11 |
| | | | Srirampur | 5417.14 | G10 |
| | | | Manuguru | 3967.72 | G13 |
| | | 3735.87 | | G15 | |
| | | Bellampalli | 5459.09 | G10 | |
| | | MANDAMARRI | 4899.58 | G11 | |
| | | | 4642.47 | G13 | |
| | | Srirampur | 6396.58 | G8 | |
| | | MCL | MCL | | |
| Ananta OCM | 1780.31 | | G12 | | |
| Balram OCM | 1695.94 | | G13 | | |
| Bharathpur OC Mine | 1780.31 | | G12 | | |
| Bharathpur OC Mine | 1780.31 | | G12 | | |
| Bhubaneswari OC Mine | 1866.15 | | G11 | | |
| Bhubaneswari OC Mine | 1781.24 | | G12 | | |
| Garjanbahal OC Mine | 1842.62 | | G14 | | |
| Hingula OCM | 1767.97 | | G13 | | |
| Hingula OCM | 1690.88 | | G14 | | |
| Jagannath OC Plant | 1866.15 | | G11 | | |
| Kulda OC Mine | 1928.46 | | G13 | | |
| Lajkura OCM | 1694.47 | | G13 | | |
| Lakhanpur OC Mine | 1835.96 | | G12 | | |
| Lingaraj OC Mine | 1694.47 | | G13 | | |
| Samleswari OCM | 1608.63 | | G14 | | |

| | | | | |
|----------|-----------------|-------------|---------|---------------|
| 2 | Dr.NTTPS | SCCL | | |
| | SCCL | CSPS | 4811.10 | G11 |
| | | CSPS | 3967.70 | G13 |
| | | CSPS | 3735.85 | G15 |
| | | GOSG | 5412.07 | G10 |
| | | JVRB | 5099.89 | G11 |
| | | JVRB | 4764.01 | G12 |
| | | JVRB | 4042.45 | G15 |
| | | RUSG | 4946.61 | G11 |
| | | SOCM | 6398.55 | G8 |
| | | SPSG | 3911.24 | G15 |
| | MCL | MCL | | |
| | | ACTR | 1739.37 | G12 |
| | | BOCB | 1405.62 | G15 |
| | | BOCM | 1853.81 | G12 |
| | | BOMB | 1774.04 | G12 |
| | | BOMB | 1637.64 | G14 |
| | | BOMB | 1391.16 | G15 |
| | | LOCM | 1637.64 | G14 |
| | | LOMB | 1591.00 | G14 |
| | | MCLK | 1826.65 | G13/14 |
| | | MFSJ | 1866.15 | G11 |
| | | MFSJ | 1817.12 | G11/13 |
| | | BOMB | 2807.87 | WC1 |

Note: SCCL : Singareni Collieries Co. Ltd.

MCL: Mahanandi Coalfields Limited.

| 9.7 COST OF OILS AS ON 31-03-2024 | | | | |
|--|----------------|----------------------------|------------------------|-------------------|
| | | Furnace Oil (Rs/Kl) | HSD Oil (Rs/Kl) | LDO(Rs/Kl) |
| 1 | Dr.NTTPS | 61773.57 | - | 80249.57 |
| 2 | Dr.MVR.R.T.P.P | 57546.86 | - | 90350.81 |
| 3 | SDSTPP | 61319.57 | - | 81588.84 |

Note: FO : Furnace Oil

HSD : High Speed Diesel Oil

LDO : Low Speed Diesel Oil

9.8 Average Realisation from Sale of Power During FY 2023-24

| Category | EPDCL* | | | SPDCL | | | CPDCL* | | | TOTAL | | |
|---|-----------------|------------------|----------------------------|-----------------|------------------|----------------------------|-----------------|------------------|----------------------------|-----------------|------------------|----------------------------|
| | Sales (MU) | Revenue (Rs.Crs) | Average Realisation Rs/kwh | Sales (MU) | Revenue (Rs.Crs) | Average Realisation Rs/kwh | Sales (MU) | Revenue (Rs.Crs) | Average Realisation Rs/kwh | Sales (MU) | Revenue (Rs.Crs) | Average Realisation Rs/kwh |
| LT Categories | | | | | | | | | | | | |
| Domestic | 7294.68 | 3271.60 | 4.48 | 5650.00 | 2419.40 | 4.28 | 5650.58 | 3128.66 | 5.54 | 18595.26 | 8819.66 | 4.74 |
| Non - Domestic | 1410.27 | 1518.11 | 10.76 | 1230.04 | 1268.42 | 10.31 | 1182.03 | 1323.99 | 11.20 | 3822.34 | 4110.52 | 10.75 |
| Industrial | 471.26 | 445.48 | 9.45 | 531.23 | 458.90 | 8.64 | 461.82 | 440.35 | 9.54 | 1464.31 | 1344.73 | 9.18 |
| Institutions/STLs CAT,IV | 4617.76 | 696.37 | 1.51 | 763.06 | 699.65 | 9.17 | 341.88 | 315.84 | 9.24 | 5722.70 | 1711.86 | 2.99 |
| Agriculture, LIS, Aqua, Poultry etc., | 482.23 | 430.74 | 8.93 | 9801.01 | 7590.34 | 7.74 | 3579.69 | 3438.28 | 9.60 | 13862.93 | 11459.36 | 8.27 |
| Total LT Categories | 14276.20 | 6362.30 | 4.46 | 17975.34 | 12436.71 | 6.92 | 11216.00 | 8647.12 | 7.71 | 43467.54 | 27446.13 | 6.31 |
| HT Categories | | | | | | | | | | | | |
| Townships & Colonies CAT. 1 | 36.47 | 28.20 | 7.73 | 16.53 | 12.68 | 7.67 | 20.54 | 17.63 | 8.58 | 73.54 | 58.51 | 7.96 |
| Commercial Cat.II & Others | 1028.53 | 1113.73 | 10.83 | 519.93 | 585.16 | 11.25 | 554.59 | 617.99 | 11.14 | 2103.05 | 2316.88 | 11.02 |
| General Industries - Cat III | 10568.77 | 7587.77 | 7.18 | 7478.27 | 5384.91 | 7.20 | 3139.11 | 2689.65 | 8.57 | 21186.15 | 15662.33 | 7.39 |
| Institutional (Religious, Rly, PWS) Cat IV | 1122.39 | 904.75 | 8.06 | 1215.59 | 979.76 | 8.06 | 651.98 | 586.31 | 8.99 | 2989.96 | 2470.82 | 8.26 |
| Agriculture | 314.25 | 241.80 | 7.69 | 1009.08 | 766.22 | 7.59 | 61.78 | 60.06 | 9.72 | 1385.11 | 1068.08 | 7.71 |
| RESCOs | 0.00 | 0.00 | 0.00 | 517.03 | 141.80 | 2.74 | 0.00 | 0.00 | 0.00 | 517.03 | 141.80 | 2.74 |
| Total HT Categories | 13070.41 | 9876.25 | 7.56 | 10756.43 | 7870.53 | 7.32 | 4428.00 | 3971.64 | 8.97 | 28254.84 | 21718.42 | 7.69 |
| Total (LT + HT) | 27346.61 | 16238.55 | 5.94 | 28731.77 | 20307.24 | 7.07 | 15644.00 | 12618.76 | 8.07 | 71722.38 | 49164.55 | 6.85 |
| Note: | | | | | | | | | | | | |
| 1) CPDC*:- For the above calculation Revenue consists of Energy Charges, Fixed Charges and Demand Charges only and includes Tariff Subsidy booked for ₹ 1765.07 Crore (See Note No.19) in case of LT Agriculture & Related Category - V. | | | | | | | | | | | | |
| 2) EPDC* :- Revenue details in above stated is inclusive of subsidy amount | | | | | | | | | | | | |

9.9 REVENUE FROM SALE OF POWER

(Rs. in Crores)

| Financial Year | L.T.CATEGORY | | | | | | | | Total L.T | Total H.T. | Rebate to New Indust | Others(Inter state and UI) | TOTAL REVENUE |
|----------------|--------------|---------|---------|-------|--------|--------|--------|------|-----------|------------|----------------------|----------------------------|---------------|
| | I | II | III | IV | V | VI | VII | VIII | | | | | |
| 1983-84 | 45.99 | 28.36 | 31.37 | 0.26 | 14.18 | 3.82 | 1.34 | 0.21 | 125.53 | 253.58 | -- | | 379.11 |
| 1984-85 | 48.19 | 30.31 | 36.08 | 0.29 | 14.42 | 4.13 | 1.56 | 0.20 | 135.18 | 359.74 | -- | | 494.92 |
| 1985-86 | 56.61 | 32.73 | 39.96 | 0.35 | 14.32 | 4.53 | 1.71 | 0.23 | 150.44 | 391.26 | -- | | 541.70 |
| 1986-87 | 66.02 | 36.39 | 41.50 | 0.40 | 16.31 | 5.01 | 1.70 | 0.35 | 167.68 | 412.86 | -- | | 580.54 |
| 1987-88 | 80.26 | 42.63 | 54.63 | 0.39 | 18.78 | 5.58 | 2.33 | 0.34 | 204.94 | 495.59 | -- | | 700.53 |
| 1988-89 | 94.97 | 47.77 | 63.90 | 0.44 | 19.08 | 6.18 | 2.94 | 0.34 | 235.62 | 571.59 | -- | | 807.21 |
| 1989-90 | 120.77 | 57.61 | 84.79 | 0.54 | 22.33 | 7.58 | 3.80 | 0.78 | 298.20 | 685.01 | 12.29 | | 970.92 |
| 1990-91 | 151.38 | 68.97 | 104.86 | 0.95 | 18.05 | 8.52 | 4.40 | 0.41 | 357.54 | 864.30 | 11.64 | | 1210.20 |
| 1991-92 | 190.51 | 85.55 | 131.88 | 1.22 | 22.84 | 9.66 | 5.30 | 0.68 | 447.64 | 1054.66 | 8.76 | | 1493.54 |
| 1992-93 | 242.24 | 110.28 | 181.80 | 1.52 | 63.98 | 10.85 | 6.38 | 1.62 | 618.67 | 1218.86 | 9.75 | | 1827.78 |
| 1993-94 | 284.51 | 128.16 | 220.68 | 1.75 | 57.78 | 11.38 | 8.56 | 1.20 | 714.02 | 1409.47 | 18.33 | | 2105.16 |
| 1994-95 | 294.63 | 131.72 | 241.03 | 1.83 | 57.57 | 11.61 | 8.93 | 1.22 | 748.54 | 1412.30 | 15.51 | | 2145.33 |
| 1995-96 | 352.12 | 163.12 | 253.10 | 2.05 | 32.02 | 13.85 | 10.22 | 1.27 | 827.75 | 1474.92 | 14.34 | | 2288.33 |
| 1996-97 | 544.83 | 260.59 | 365.66 | 2.97 | 105.89 | 24.00 | 14.74 | 1.90 | 1320.58 | 1995.14 | 20.32 | | 3295.40 |
| 1997-98 | 749.02 | 342.07 | 449.69 | 3.48 | 151.08 | 34.75 | 18.41 | 2.05 | 1750.55 | 2293.79 | 13.91 | | 4030.43 |
| 1998-99 | 826.46 | 403.79 | 496.59 | 3.90 | 153.81 | 43.50 | 22.53 | 2.56 | 1953.14 | 2225.43 | 19.49 | | 4159.08 |
| 1999-2K | 908.82 | 505.87 | 568.26 | 3.70 | 154.98 | 47.84 | 29.49 | 3.77 | 2222.73 | 2292.32 | 20.37 | | 4494.68 |
| 2000-01 | 1278.43 | 690.71 | 689.74 | 4.97 | 235.60 | 86.28 | 34.52 | 4.40 | 3024.65 | 2567.13 | 22.72 | | 5569.06 |
| 2001-02 | 1393.61 | 821.08 | 724.17 | 5.47 | 208.22 | 102.80 | 33.17 | 4.45 | 3292.97 | 2577.16 | 26.28 | | 5843.85 |
| 2002-03 | 1617.28 | 901.87 | 758.73 | 5.99 | 818.37 | 153.70 | 35.29 | 4.08 | 4295.31 | 3101.65 | 3.74 | | 7393.22 |
| 2003-04 | 1664.75 | 987.68 | 787.27 | 7.02 | 416.94 | 195.70 | 39.25 | 5.18 | 4103.79 | 3553.40 | 3.02 | | 7654.17 |
| 2004-05 | 1827.21 | 1061.94 | 851.64 | 7.58 | 402.29 | 202.17 | 42.84 | 6.24 | 4401.91 | 4169.27 | | | 8571.18 |
| 2005-06 | 1909.83 | 1157.39 | 862.43 | 7.93 | 13.52 | 202.99 | 45.72 | 6.18 | 4205.99 | 4669.27 | | | 8875.26 |
| 2006-07 | 2164.55 | 1328.09 | 991.01 | 8.38 | 25.90 | 222.96 | 50.04 | 6.27 | 4797.20 | 5182.54 | | | 9979.74 |
| 2007-08 | 2511.14 | 1576.17 | 1053.73 | 9.33 | 20.05 | 226.78 | 55.16 | 7.44 | 5459.80 | 6070.22 | | 420.36 | 11950.38 |
| 2008-09 | 2755.64 | 1742.62 | 1054.51 | 8.97 | 21.38 | 303.47 | 58.19 | 5.20 | 5949.98 | 6756.97 | | 835.30 | 13542.25 |
| 2009-10 | 3425.79 | 2020.05 | 1156.75 | 10.96 | 19.26 | 359.71 | 65.52 | 5.37 | 7063.41 | 7930.76 | | 526.78 | 15520.95 |
| 2010-11 | 3666.01 | 2257.12 | 1267.68 | 9.95 | 11.56 | 323.91 | 68.43 | 4.07 | 7608.73 | 9338.88 | | | 16947.61 |
| 2011-12 | 4070.61 | 2487.39 | 1612.61 | 10.29 | 20.03 | 420.95 | 78.69 | 4.62 | 8705.19 | 10883.93 | | | 19589.12 |
| 2012-13 | 4725.00 | 2919.48 | 1836.79 | 13.52 | 58.32 | 541.89 | 89.29 | 4.55 | 10188.84 | 13158.88 | | | 23347.72 |
| 2013-14 | 5110.64 | 3698.10 | 1898.29 | 18.39 | 11.30 | 864.97 | 127.66 | 5.07 | 11734.42 | 16983.39 | | | 28717.81 |
| 2014-15 | 2826.04 | 1733.04 | 1321.37 | 13.26 | 3.91 | 371.98 | 76.03 | 1.24 | 6346.87 | 9021.68 | | | 15368.55 |
| 2015-16 | 3799.25 | 2281.47 | 1459.19 | 16.04 | 45.72 | 453.61 | 100.43 | 3.44 | 8159.15 | 10476.16 | | | 18635.31 |
| 2016-17 | 4056.00 | 2456.46 | 1512.26 | 16.86 | 50.23 | 490.07 | 106.42 | 4.35 | 8692.65 | 11094.21 | | | 19786.86 |
| 2017-18 | 4393.40 | 2584.05 | 1861.84 | 16.97 | 21.20 | 545.94 | 114.51 | 2.29 | 9540.20 | 12621.36 | | | 22161.56 |
| 2018-19 | 4923.16 | 3044.93 | 2254.95 | 19.69 | 53.71 | 673.75 | 130.69 | 4.18 | 11105.06 | 13683.48 | | | 24788.54 |

9.9 REVENUE FROM SALE OF POWER

(Rs. in Crores)

| Financial Year | L.T.CATEGORY | | | | | Total L.T | Total H.T. | TOTAL REVENUE |
|----------------|--------------|----------------------------------|------------------|--------------------|-----------------|-----------|------------|---------------|
| | I (Domestic) | II(Non-Domestic/ commercial) | III (Industrial) | IV(Institutional) | V(Agricultural) | | | |
| 2019-20 | 5750.47 | 3325.94 | 1146.22 | 918.47 | 1189.53 | 12330.63 | 19152.19 | 31482.82 |
| 2020-21 | 5706.98 | 2482.91 | 1050.41 | 964.01 | 1336.60 | 11540.91 | 13587.34 | 25128.25 |
| 2021-22 | 6190.35 | 2931.09 | 1246.67 | 1112.99 | 1094.50 | 12575.60 | 44610.84 | 57186.44 |
| 2022-23 | 7904.26 | 3658.00 | 1316.86 | 1363.14 | 10042.50 | 24284.76 | 19297.35 | 43582.11 |
| 2023-24 | 8819.66 | 4110.52 | 1344.73 | 1711.86 | 11459.36 | 27446.13 | 21718.42 | 49164.55 |

**9.10 SALE OF ENERGY CATEGORY-WISE
(1970-71 TO 2018-19)**

M U

| Financial Year | L.T.CATEGORY | | | | | | | | | H.T. | | Total HT | Grand Total |
|----------------|--------------------------|---------|---------|-------|----------|--------|--------|------|------------|-------------------|------------------|----------|-------------|
| | I | II | III | IV | V | VI | VII | VIII | Total L.T. | Within State H.T. | Inter-state H.T. | | |
| 1970-71 | 179 | 127 | 162 | @ | 394 | 35 | -- | @ | 897 | 1289 | 0 | 1289 | 2186 |
| 1971-72 | 202 | 138 | 174 | @ | 489 | 39 | -- | @ | 1042 | 1288 | 0 | 1288 | 2330 |
| 1972-73 | 194 | 125 | 165 | @ | 505 | 30 | -- | -- | 1019 | 1154 | 0 | 1154 | 2173 |
| 1973-74 | 211 | 129 | 183 | x | 559 | 29 | -- | -- | 1111 | 1368 | 0 | 1368 | 2479 |
| 1974-75 | 238 | 131 | 198 | x | 640 | 29 | -- | 1 | 1237 | 1338 | 0 | 1338 | 2575 |
| 1975-76 | 264 | 136 | 229 | 1 | 580 | 30 | -- | 1 | 1241 | 1553 | 0 | 1553 | 2794 |
| 1976-77 | 309 | 163 | 263 | 1 | 726 | 33 | @ | 2 | 1497 | 1936 | 0 | 1936 | 3433 |
| 1977-78 | 360 | 174 | 287 | 2 | 755 | 35 | 6 | 2 | 1621 | 2161 | 0 | 2161 | 3782 |
| 1978-79 | 422 | 193 | 333 | 3 | 785 | 39 | 10 | 2 | 1787 | 2549 | 0 | 2549 | 4336 |
| 1979-80 | 498 | 218 | 385 | 3 | 890 | 43 | 11 | 2 | 2050 | 2502 | 0 | 2502 | 4552 |
| 1980-81 | 546 | 216 | 423 | 3 | 915 | 49 | 13 | 2 | 2167 | 2937 | 0 | 2937 | 5104 |
| 1981-82 | 638 | 237 | 442 | 5 | 942 | 55 | 15 | 2 | 2336 | 3757 | 0 | 3757 | 6093 |
| 1982-83 | 730 | 257 | 504 | 5 | 1393 | 70 | 18 | 2 | 2979 | 4120 | 0 | 4120 | 7099 |
| 1983-84 | 879 | 282 | 550 | 7 | 1540 | 77 | 20 | 2 | 3357 | 4360 | 0 | 4360 | 7717 |
| 1984-85 | 1026 | 314 | 597 | 7 | 2354 | 81 | 24 | 2 | 4405 | 4826 | 0 | 4826 | 9231 |
| 1985-86 | 1195 | 340 | 643 | 10 | 2569 | 91 | 26 | 2 | 4876 | 5436 | 0 | 5436 | 10312 |
| 1986-87 | 1402 | 375 | 662 | 11 | 3347 | 100 | 26 | 2 | 5925 | 5836 | 0 | 5836 | 11761 |
| 1987-88 | 1532 | 395 | 700 | 10 | 3980 | 106 | 31 | 2 | 6756 | 4913 | 0 | 4913 | 11669 |
| 1988-89 | 1752 | 416 | 775 | 12 | 4462 | 120 | 34 | 2 | 7573 | 5477 | 0 | 5477 | 13050 |
| 1989-90 | 1929 | 446 | 871 | 12 | 5276 | 126 | 36 | 5 | 8701 | 5734 | 0 | 5734 | 14435 |
| 1990-91 | 2079 | 513 | 949 | 18 | 6285 | 134 | 38 | 2 | 10018 | 6075 | 0 | 6075 | 16093 |
| 1991-92 | 2438 | 553 | 944 | 19 | 6972 | 140 | 43 | 1 | 11110 | 6640 | 0 | 6640 | 17750 |
| 1992-93 | 2825 | 611 | 1010 | 20 | 7895 | 146 | 57 | 1 | 12565 | 6662 | 0 | 6662 | 19227 |
| 1993-94 | 3187 | 673 | 1072 | 23 | 9022 | 151 | 59 | 1 | 14188 | 6998 | 18 | 7016 | 21204 |
| 1994-95 | 3213 | 672 | 1128 | 21 | 10922 | 152 | 61 | 3 | 16172 | 6763 | 160 | 6923 | 23095 |
| 1995-96 | 3276 | 704 | 1172 | 22 | 11399 | 159 | 62 | 2 | 16796 | 6604 | 0 | 6604 | 23400 |
| 1996-97 | 3801 | 795 | 1270 | 23 | 7835 | 212 | 70 | 3 | 14009 | 6914 | 145 | 7058 | 21067 |
| 1997-98 | 4535 | 927 | 1357 | 25 | 9336 | 286 | 86 | 2 | 16554 | 7216 | 174 | 7390 | 23944 |
| 1998-99 | 5090 | 1060 | 1492 | 27 | 9554 | 367 | 100 | 5 | 17695 | 7027 | 117 | 7144 | 24839 |
| 1999-00 | 5486 | 1142 | 1576 | 27 | 10222 | 403 | 115 | 7 | 18978 | 6795 | 29 | 6824 | 25802 |
| 2000-01 | 5908 | 1235 | 1681 | 28 | 11055 | 457 | 93 | 7 | 20464 | 6743 | 0 | 6743 | 27207 |
| 2001-02 | 6729 | 1407 | 1775 | 28 | 12155 | 527 | 81 | 7 | 22709 | 6693 | 147 | 6840 | 29549 |
| 2002-03 | 6980 | 1537 | 1915 | 32 | 12469 | 766 | 86 | 6 | 23791 | 7840 | 0 | 7840 | 31631 |
| 2003-04 | 7200 | 1661 | 1962 | 36 | 12636 | 1010 | 94 | 8 | 24607 | 9478 | 361 | 9839 | 34446 |
| 2004-05 | 7789 | 1832 | 2120 | 41 | 13394 | 1151 | 104 | 9 | 26440 | 11178 | 439 | 11617 | 38057 |
| 2005-06 | 8462 | 2047 | 2226 | 43 | 13267 | 1176 | 115 | 9 | 27345 | 12307 | 1200 | 13507 | 40852 |
| 2006-07 | 9178 | 2298 | 2387 | 49 | 15538 | 1182 | 124 | 10 | 30766 | 14084 | 213 | 14297 | 45063 |
| 2007-08 | 10364 | 2687 | 2534 | 48 | 14359 | 1239 | 138 | 10 | 31379 | 17012 | 434 | 17445 | 48824 |
| 2008-09 | 11471 | 3026 | 2529 | 48 | 15882 | 1719 | 148 | 7 | 34829 | 18387 | 283 | 18670 | 53499 |
| 2009-10 | 13102 | 3385 | 2544 | 48 | 17729 | 1829 | 159 | 9 | 38805 | 20314 | 489 | 20802 | 59607 |
| 2010-11 | 14274 | 3720 | 2700 | 49 | 16716 | 1727 | 172 | 4 | 39362 | 23257 | | 23257 | 62619 |
| 2011-12 | 15369 | 4126 | 3156 | 49 | 19360 | 1776 | 185 | 5 | 44026 | | | 25929 | 69955 |
| 2012-13 | 15742 | 4068 | 2946 | 48 | 18848 | 1749 | 187 | 4 | 43593 | | | 24012 | 67604 |
| 2013-14 | 16656 | 4270 | 2783 | 46 | 20801 | 1614 | 191 | 3 | 46365 | | | 26762 | 73126 |
| 2014-15 | 9650 | 2053 | 2079 | 56 | 10143 | 713 | 117 | 24 | 24836 | | | 15338 | 40174 |
| 2015-16 | 11355 | 2406 | 2280 | 38 | 10295 | 772 | 135 | 1 | 27282 | 15883 | | 15883 | 43165 |
| 2016-17 | 12206.38 | 2573.34 | 2669.51 | 42.00 | 11668.91 | 856.72 | 146.42 | 1.96 | 30165.24 | 17011.81 | | 17011.81 | 47177.05 |
| 2017-18 | 13173.55 | 2743.20 | 3412.57 | 42.63 | 10946.88 | 929.12 | 156.20 | 1.96 | 31406.11 | 18538.69 | | 18538.69 | 49944.80 |
| 2018-19 | 14014.21 | 2967.53 | 4009.63 | 46.96 | 12012.26 | 984.03 | 169.94 | 1.98 | 34204.56 | 20745.79 | | 20745.79 | 54950.35 |
| @ : | Negligible | | | | | | | | | | | | |
| x : | Included in Agricultural | | | | | | | | | | | | |

**9.10 SALE OF ENERGY CATEGORY-WISE
(2019-20 TO 2023-24)**

MU

| Financial Year | L.T.CATEGORY | | | | | Total L.T | Total H.T. | TOTAL |
|----------------|--------------|----------------------------------|------------------|--------------------|-----------------|-----------|------------|----------|
| | I (Domestic) | II(Non-Domestic/ commercial) | III (Industrial) | IV(Institutional) | V(Agricultural) | | | |
| 2019-20 | 15580.70 | 3119.24 | 1416.22 | 1202.25 | 14292.23 | 35610.64 | 20505.67 | 56116.31 |
| 2020-21 | 16473.93 | 2462.95 | 1312.50 | 1272.49 | 12040.26 | 33562.13 | 19104.38 | 52666.51 |
| 2021-22 | 17347.53 | 2968.84 | 1529.07 | 1414.03 | 12372.39 | 35631.86 | 22922.69 | 58554.55 |
| 2022-23 | 17318.86 | 3437.53 | 1514.66 | 1575.01 | 13843.34 | 37689.39 | 26135.45 | 63824.84 |
| 2023-24 | 18595.26 | 3822.34 | 1464.31 | 5722.70 | 13862.93 | 43467.54 | 28254.84 | 71722.38 |

**9.10(A) SALE OF ENERGY CATEGORY-WISE
ANNUAL GROWTH RATES(1988-89 TO 2015-16)**

(Prov'l) MU

| Financial Year | L.T.CATEGORY | | | | | | | | | Total HT | Total LT+ HT |
|----------------|--------------|---------|---------|--------|----------|--------|--------|--------|----------|----------|--------------|
| | I | II | III | IV | V | VI | VII | VIII | Total | | |
| 1988-89 | 1752 | 416 | 775 | 12 | 4462 | 120 | 34 | 2 | 7573 | 5477 | 13050 |
| Anl. % | 10.10 | 7.21 | 12.39 | 0.00 | 18.24 | 5.00 | 5.88 | 150.00 | 14.90 | 4.69 | 10.61 |
| 19 89-90 | 1929 | 446 | 871 | 12 | 5276 | 126 | 36 | 5 | 8701 | 5734 | 14435 |
| Anl. % | 7.78 | 15.02 | 8.96 | 50.00 | 19.12 | 6.35 | 5.56 | -60.00 | 15.14 | 5.95 | 11.49 |
| 19 90-91 | 2079 | 513 | 949 | 18 | 6285 | 134 | 38 | 2 | 10018 | 6075 | 16093 |
| Anl. % | 17.27 | 7.80 | -0.53 | 5.56 | 10.93 | 4.48 | 13.16 | -50.00 | 10.90 | 9.30 | 10.30 |
| 1991-92 | 2438 | 553 | 944 | 19 | 6972 | 140 | 43 | 1 | 11110 | 6640 | 17750 |
| Anl. % | 15.87 | 10.49 | 6.99 | 5.26 | 13.24 | 4.29 | 32.56 | 0.00 | 13.10 | 0.33 | 8.32 |
| 19 92-93 | 2825 | 611 | 1010 | 20 | 7895 | 146 | 57 | 1 | 12565 | 6662 | 19227 |
| Anl. % | 12.81 | 10.15 | 6.14 | 15.00 | 14.27 | 3.42 | 3.51 | 0.00 | 12.92 | 5.04 | 10.19 |
| 19 93-94 | 3187 | 673 | 1072 | 23 | 9022 | 151 | 59 | 1 | 14188 | 6998 | 21186 |
| Anl. % | 0.82 | -0.15 | 5.22 | -8.70 | 21.06 | 0.66 | 3.39 | 200.00 | 13.98 | -3.36 | 8.26 |
| 1994-95 | 3213 | 672 | 1128 | 21 | 10922 | 152 | 61 | 3 | 16172 | 6763 | 22935 |
| Anl. % | 1.96 | 4.76 | 3.90 | 4.76 | 4.37 | 4.61 | 1.64 | -33.33 | 3.86 | -2.35 | 2.03 |
| 1995-96 | 3276 | 704 | 1172 | 22 | 11399 | 159 | 62 | 2 | 16796 | 6604 | 23400 |
| Anl. % | 16.03 | 12.93 | 8.36 | 4.55 | -31.27 | 33.33 | 12.90 | 50.00 | -16.59 | 4.69 | -10.59 |
| 1996-97 | 3801 | 795 | 1270 | 23 | 7835 | 212 | 70 | 3 | 14009 | 6914 | 20923 |
| Anl. % | 19.31 | 16.60 | 6.93 | 8.70 | 19.16 | 34.91 | 22.86 | -33.33 | 18.17 | 3.95 | 13.47 |
| 1997-98 | 4535 | 927 | 1358 | 25 | 9336 | 286 | 86 | 2 | 16555 | 7187 | 23742 |
| Anl. % | 12.24 | 14.35 | 9.87 | 8.32 | 2.34 | 28.32 | 16.72 | 150.00 | 6.89 | -0.71 | 4.59 |
| 1998-99 | 5090 | 1060 | 1492 | 27 | 9554 | 367 | 100 | 5 | 17695 | 7136 | 24831 |
| Anl. % | 7.78 | 7.74 | 5.63 | -0.30 | 6.99 | 9.81 | 14.56 | 40.00 | 7.25 | -4.37 | 3.91 |
| 1999-2000 | 5486 | 1142 | 1576 | 27 | 10222 | 403 | 115 | 7 | 18978 | 6824 | 25802 |
| Anl. % | 7.68 | 8.16 | 6.69 | 3.59 | 8.15 | 13.46 | -19.29 | -4.14 | 7.83 | -1.18 | 5.45 |
| 2000-01 | 5908 | 1235 | 1681 | 28 | 11055 | 457 | 93 | 7 | 20464 | 6743 | 27207 |
| Anl. % | 13.91 | 13.89 | 5.54 | 0.14 | 9.95 | 15.29 | -13.17 | 3.73 | 10.97 | -0.74 | 8.07 |
| 2001-02 | 6729 | 1407 | 1775 | 28 | 12155 | 527 | 81 | 7 | 22709 | 6693 | 29402 |
| Anl. % | 3.72 | 9.27 | 7.90 | 13.53 | 2.58 | 45.26 | 7.05 | -10.63 | 4.76 | 17.13 | 7.58 |
| 2002-03 | 6980 | 1537 | 1915 | 32 | 12469 | 766 | 86 | 6 | 23791 | 7840 | 31631 |
| Anl. % | 3.15 | 8.05 | 2.47 | 13.21 | 1.34 | 31.89 | 8.95 | 28.62 | 3.43 | 20.90 | 7.76 |
| 2003-04 | 7200 | 1661 | 1962 | 36 | 12636 | 1010 | 94 | 8 | 24607 | 9478 | 34085 |
| Anl. % | 8.18 | 10.30 | 8.05 | 13.89 | 6.00 | 13.96 | 10.64 | 12.50 | 7.45 | 17.94 | 10.37 |
| 2004-05 | 7789 | 1832 | 2120 | 41 | 13394 | 1151 | 104 | 9 | 26440 | 11178 | 37618 |
| Anl. % | 8.64 | 11.74 | 5.00 | 4.88 | -0.95 | 2.17 | 10.58 | 0.00 | 3.42 | 10.10 | 5.41 |
| 2005-06 | 8462 | 2047 | 2226 | 43 | 13267 | 1176 | 115 | 9 | 27345 | 12307 | 39652 |
| Anl. % | 8.46 | 12.26 | 7.23 | 13.95 | 17.12 | 0.51 | 7.83 | 11.11 | 12.51 | 14.44 | 13.11 |
| 2006-07 | 9178 | 2298 | 2387 | 49 | 15538 | 1182 | 124 | 10 | 30766 | 14084 | 44850 |
| Anl. % | 12.92 | 16.94 | 6.17 | -2.55 | -7.59 | 4.84 | 11.08 | -0.20 | 1.99 | 20.79 | 7.89 |
| 2007-08 | 10364 | 2687 | 2534 | 48 | 14359 | 1239 | 138 | 10 | 31379 | 17012 | 48390 |
| Anl. % | 10.68 | 12.58 | -0.20 | -0.02 | 10.61 | 38.73 | 7.09 | -28.06 | 11.00 | 8.08 | 9.97 |
| 2008-09 | 11471 | 3026 | 2529 | 48 | 15882 | 1719 | 148 | 7 | 34829 | 18387 | 53215 |
| Anl. % | 14.22 | 11.87 | 0.57 | -0.42 | 11.63 | 6.40 | 7.98 | 25.91 | 11.42 | 10.48 | 11.09 |
| 2009-10 | 13102 | 3385 | 2544 | 48 | 17729 | 1829 | 159 | 9 | 38805 | 20314 | 59118 |
| Anl% | 8.95 | 9.92 | 6.13 | 2.27 | -5.72 | -5.59 | 7.99 | -53.65 | 1.44 | 14.49 | 5.92 |
| 2010-11 | 14274 | 3720 | 2700 | 49 | 16716 | 1727 | 172 | 4 | 39362 | 23257 | 62619 |
| Anl% | 7.67 | 10.90 | 16.90 | 0.70 | 15.82 | 2.82 | 7.57 | 18.85 | 11.85 | 11.49 | 11.72 |
| 2011-12 | 15369 | 4126 | 3156 | 49 | 19360 | 1776 | 185 | 5 | 44026 | 25929 | 69955 |
| Anl% | 2.43 | -1.41 | -6.66 | -1.82 | -2.64 | -1.51 | 1.12 | -12.45 | -0.98 | -7.40 | -3.36 |
| 2012-13 | 15742 | 4068 | 2946 | 48 | 18848 | 1749 | 187 | 4 | 43593 | 24012 | 67604 |
| Anl% | 5.81 | 4.98 | -5.53 | -3.64 | 10.36 | -7.72 | 2.05 | -38.99 | 6.36 | 11.45 | 8.17 |
| 2013-14 | 16656 | 4270 | 2783 | 46 | 20801 | 1614 | 191 | 3 | 46365 | 26762 | 73126 |
| Anl% | -42.06 | -51.92 | -25.28 | 21.55 | -51.24 | -55.84 | -38.81 | 806.39 | -46.43 | -42.69 | -45.06 |
| *2014-15 | 9650.44 | 2053.36 | 2079.13 | 56.30 | 10143.00 | 712.72 | 116.82 | 24.11 | 24835.88 | 15338.02 | 40173.90 |
| Anl% | 17.66 | 17.16 | 9.67 | -31.75 | 1.50 | 8.29 | 15.40 | -93.84 | 9.85 | 3.55 | 7.45 |
| 2015-16 | 11354.92 | 2405.72 | 2280.25 | 38.42 | 10294.80 | 771.78 | 134.81 | 1.49 | 27282.18 | 15882.85 | 43165.03 |

* Sales for residual AP

**9.10(A) SALE OF ENERGY CATEGORY-WISE
ANNUAL GROWTH RATES(2014-15 TO 2023-24)**

(Provl) MU

| Financial Year | L.T.CATEGORY | | | | | | | | | Total HT | Total LT+ HT |
|----------------|--------------|---------|---------|--------|----------|--------|--------|--------|----------|----------|--------------|
| | I | II | III | IV | V | VI | VII | VIII | Total | | |
| *2014-15 | 9650.44 | 2053.36 | 2079.13 | 56.30 | 10143.00 | 712.72 | 116.82 | 24.11 | 24835.88 | 15338.02 | 40173.90 |
| Anl% | 17.66 | 17.16 | 9.67 | -31.75 | 1.50 | 8.29 | 15.40 | -93.84 | 9.85 | 3.55 | 7.45 |
| 2015-16 | 11354.92 | 2405.72 | 2280.25 | 38.42 | 10294.80 | 771.78 | 134.81 | 1.49 | 27282.18 | 15882.85 | 43165.03 |
| Anl% | 7.50 | 6.97 | 17.07 | 9.31 | 13.35 | 11.01 | 8.62 | 31.99 | 10.57 | 7.11 | 9.29 |
| 2016-17 | 12206.38 | 2573.34 | 2669.51 | 42.00 | 11668.91 | 856.72 | 146.42 | 1.96 | 30165.24 | 17011.81 | 47177.05 |
| Anl% | 7.92 | 6.60 | 27.84 | 1.49 | -6.19 | 8.45 | 6.68 | -0.15 | 4.11 | 8.98 | 5.87 |
| 2017-18 | 13173.55 | 2743.20 | 3412.57 | 42.63 | 10946.88 | 929.12 | 156.20 | 1.96 | 31406.11 | 18538.69 | 49944.80 |
| Anl% | 6.38 | 8.18 | 17.50 | 10.16 | 9.73 | 5.91 | 8.79 | 1.18 | 8.92 | 11.91 | 10.03 |
| 2018-19 | 14014.21 | 2967.53 | 4009.63 | 46.96 | 12012.26 | 984.03 | 169.94 | 1.98 | 34206.54 | 20745.79 | 54952.33 |

(Provl) MU

| Financial Year | L.T.CATEGORY | | | | | Total LT | H.T.CATEGORY | | | | | | Total HT | Total LT+ HT |
|----------------|--------------|------------|---------------|--------------------|------------------|----------|--------------|------------|---------------|----------------------|------------------|--------|----------|--------------|
| | Dom -I | Comml - II | Industry -III | Institutional - IV | Agricultural - V | | Dom -I | Comml - II | Industry -III | Institutional I - IV | Agricultural - V | RESCOs | | |
| 2019-20 | 15580.7 | 3119.24 | 1416.22 | 1202.25 | 14292.23 | 35610.64 | 53.81 | 1779.87 | 13831.47 | 1855.54 | 2151.84 | 833.14 | 20505.67 | 56116.31 |
| Anl% | 5.73 | -21.04 | -7.32 | 5.84 | -15.76 | -5.75 | 12.69 | -33.00 | -3.61 | -19.74 | 2.21 | -0.27 | -6.83 | -6.15 |
| 2020-21 | 16473.93 | 2462.95 | 1312.5 | 1272.49 | 12040.26 | 33562.13 | 60.64 | 1192.56 | 13331.6 | 1489.21 | 2199.45 | 830.92 | 19104.38 | 52666.51 |
| Anl% | 5.30 | 20.54 | 16.50 | 11.12 | 2.76 | 6.17 | -1.45 | 23.95 | 31.05 | 51.16 | -45.70 | -43.67 | 19.99 | 11.18 |
| 2021-22 | 17347.53 | 2968.84 | 1529.07 | 1414.03 | 12372.39 | 35631.86 | 59.76 | 1478.16 | 17471.23 | 2251.12 | 1194.38 | 468.04 | 22922.69 | 58554.55 |
| Anl% | -0.17 | 15.79 | -0.94 | 11.38 | 11.89 | 5.77 | 2.06 | 23.70 | 14.51 | 22.25 | -11.94 | -6.86 | 14.02 | 9.00 |
| 2022-23 | 17318.86 | 3437.53 | 1514.66 | 1575.01 | 13843.34 | 37689.39 | 60.99 | 1828.45 | 20006.27 | 2752.03 | 1051.78 | 435.93 | 26135.45 | 63824.84 |
| Anl% | 7.37 | 11.19 | -3.32 | 263.34 | 0.14 | 15.33 | 20.58 | 15.02 | 5.90 | 8.65 | 31.69 | 18.60 | 8.11 | 12.37 |
| 2023-24 | 18595.26 | 3822.34 | 1464.31 | 5722.70 | 13862.93 | 43467.54 | 73.54 | 2103.05 | 21186.15 | 2989.96 | 1385.11 | 517.03 | 28254.84 | 71722.38 |

9.11 PATTERN OF ELECTRICITY CONSUMPTION (%)
(1960 TO 2024)

| Category | Domestic | Commercial | Agricultural (L.T+H.T) | Industry @ | Railway Traction | Others | Total |
|----------|----------|------------|---------------------------|------------|---------------------|--------|-------|
| 1960-61 | 10.80 | 5.16 | 9.08 | 72.76 | -- | 2.20 | 100 |
| 1961-62 | 11.41 | 4.77 | 9.47 | 72.00 | -- | 2.35 | 100 |
| 1962-63 | 12.58 | 5.33 | 11.28 | 68.30 | -- | 2.51 | 100 |
| 1963-64 | 8.04 | 8.81 | 13.12 | 68.78 | -- | 1.25 | 100 |
| 1964-65 | 8.15 | 8.67 | 12.84 | 68.20 | -- | 2.14 | 100 |
| 1965-66 | 8.15 | 8.22 | 16.05 | 65.60 | -- | 1.98 | 100 |
| 1966-67 | 7.93 | 7.74 | 16.40 | 65.60 | -- | 2.33 | 100 |
| 1967-68 | 7.95 | 7.22 | 17.69 | 65.42 | -- | 1.72 | 100 |
| 1968-69 | 7.68 | 6.55 | 19.55 | 64.57 | -- | 1.65 | 100 |
| 1969-70 | 7.37 | 5.95 | 16.76 | 68.24 | -- | 1.68 | 100 |
| 1970-71 | 8.17 | 5.83 | 18.44 | 65.44 | -- | 2.12 | 100 |
| 1980-81 | 10.70 | 4.23 | 18.44 | 63.07 | 0.98 | 2.59 | 100 |
| 1984-85 | 11.34 | 3.47 | 26.44 | 54.89 | 1.97 | 1.90 | 100 |
| 1985-86 | 11.59 | 3.30 | 25.28 | 54.78 | 2.03 | 3.03 | 100 |
| 1986-87 | 11.92 | 3.19 | 28.79 | 50.89 | 2.29 | 2.92 | 100 |
| 1987-88 | 13.13 | 3.38 | 34.43 | 43.25 | 2.01 | 3.80 | 100 |
| 1988-89 | 13.43 | 3.18 | 34.45 | 43.28 | 2.10 | 3.56 | 100 |
| 1989-90 | 13.36 | 3.09 | 36.83 | 41.08 | 2.22 | 3.42 | 100 |
| 1990-91 | 12.79 | 3.16 | 38.62 | 39.03 | 2.18 | 4.22 | 100 |
| 1991-92 | 14.05 | 3.18 | 40.37 | 38.95 | 2.17 | 1.28 | 100 |
| 1992-93 | 14.69 | 3.17 | 41.28 | 34.83 | 2.40 | 3.63 | 100 |
| 1993-94 | 15.04 | 3.18 | 42.80 | 32.41 | 2.59 | 3.98 | 100 |
| 1994-95 | 14.01 | 2.93 | 47.81 | 29.17 | 2.59 | 3.49 | 100 |
| 1995-96 | 14.00 | 3.01 | 48.85 | 27.55 | 2.70 | 3.89 | 100 |
| 1996-97 | 18.17 | 3.80 | 37.57 | 32.42 | 3.28 | 4.76 | 100 |
| 1997-98 | 19.10 | 3.90 | 39.46 | 26.41 | 3.58 | 7.55 | 100 |
| 1998-99 | 20.34 | 4.17 | 39.59 | 26.46 | 3.39 | 6.05 | 100 |
| 1999-2K | 20.93 | 4.35 | 40.79 | 23.54 | 3.4 | 6.99 | 100 |
| 2000-01 | 21.71 | 4.54 | 40.78 | 22.84 | 3.39 | 6.74 | 100 |
| 2001-02 | 22.89 | 4.78 | 41.53 | 20.94 | 3.28 | 6.57 | 100 |
| 2002-03 | 22.06 | 4.85 | 39.42 | 21.39 | 3.38 | 8.43 | 100 |
| 2003-04 | 21.12 | 4.87 | 37.07 | 25.90 | 3.32 | 7.72 | 100 |
| 2004-05 | 20.71 | 4.87 | 36.17 | 27.97 | 3.12 | 7.16 | 100 |
| 2005-06 | 21.34 | 5.16 | 33.99 | 30.34 | 3.09 | 6.08 | 100 |
| 2006-07 | 20.46 | 5.12 | 35.31 | 31.02 | 2.85 | 5.22 | 100 |
| 2007-08 | 21.42 | 5.55 | 30.65 | 31.14 | 2.90 | 8.34 | 100 |
| 2008-09 | 21.56 | 5.69 | 30.84 | 33.60 | 2.67 | 5.65 | 100 |
| 2009-10 | 22.16 | 5.73 | 30.97 | 33.21 | 2.58 | 5.36 | 100 |
| 2010-11 | 22.80 | 5.94 | 27.66 | 33.43 | 2.51 | 7.66 | 100 |
| 2011-12 | 21.97 | 5.90 | 28.86 | 36.06 | 2.45 | 4.76 | 100 |
| 2012-13 | 23.29 | 6.02 | 28.89 | 34.37 | 2.62 | 4.82 | 100 |
| 2013-14 | 22.78 | 5.84 | 29.85 | 34.41 | 2.58 | 4.55 | 100 |
| 2014-15 | 24.02 | 5.11 | 26.83 | 36.99 | 3.49 | 3.56 | 100 |
| 2015-16 | 26.31 | 5.57 | 24.91 | 36.47 | 3.11 | 3.63 | 100 |
| 2016-17 | 25.87 | 5.45 | 27.45 | 34.70 | 2.75 | 3.78 | 100 |
| 2017-18 | 26.56 | 5.53 | 24.36 | 36.79 | 2.85 | 3.91 | 100 |
| 2018-19 | 25.50 | 5.40 | 25.37 | 37.08 | 2.82 | 3.83 | 100 |
| 2019-20 | 27.86 | 8.73 | 29.30 | 27.17 | 3.31 | 3.63 | 100 |
| 2020-21 | 31.39 | 6.94 | 27.04 | 27.81 | 2.83 | 3.99 | 100 |
| 2021-22 | 29.73 | 7.59 | 23.17 | 32.45 | 3.84 | 3.41 | 100 |
| 2022-23 | 27.23 | 8.25 | 23.34 | 33.72 | 4.31 | 3.15 | 100 |
| 2023-24 | 26.03 | 8.26 | 21.26 | 31.58 | 4.17 | 8.70 | 100 |

@ includes LT Industrial & Cottage Industries and
H.T industrial Cat-I, Cat-II& Power Intensive.

NOTE:- Only sales with in the state are considered

9.12 ARREARS OF REVENUE

(Rs.in crores)

| Details As on | L.T. Con- sumers | H.T. Con- sumers | TOTAL | Decreed debts | Debts pending in Courts | Debts to be with- drawn | Amounts due from Govt. Depts | Amounts due from Local Bodies | Amounts due from Live Services | Amounts due from Disconnected Services | Others (Arrears of RESCOs,RR Act.) | TOTAL |
|------------------|------------------------|------------------------|----------|------------------|-------------------------------|-------------------------------|------------------------------------|--|---|---|---|----------|
| 1986-87 | 56.81 | 105.36 | 162.17 | 0.46 | 76.49 | 0.28 | 2.57 | 8.15 | 43.02 | 31.20 | | 162.17 |
| 1987-88 | 72.84 | 150.87 | 223.71 | 0.52 | 109.18 | 0.36 | 6.47 | 11.38 | 67.6 | 28.2 | | 223.71 |
| 1988-89 | 82.86 | 192.84 | 275.70 | 0.53 | 141.21 | 0.96 | 10.68 | 13.78 | 72.72 | 35.82 | | 275.70 |
| 1989-90 | 106.75 | 260.28 | 367.03 | 0.58 | 203.95 | 1.07 | 11.37 | 14.70 | 89.20 | 46.16 | | 367.03 |
| 1990-91 | 114.54 | 248.58 | 363.12 | 0.54 | 189.24 | 0.95 | 13.58 | 18.34 | 92.52 | 47.95 | | 363.12 |
| 1991-92 | 128.52 | 277.44 | 405.96 | 0.6 | 189.32 | 1.4 | 19.37 | 22.21 | 125.91 | 47.15 | | 405.96 |
| 1992-93 | 175.07 | 281.38 | 456.45 | 6.26 | 141.86 | 3.15 | 25.82 | 39.20 | 128.40 | 111.76 | | 456.45 |
| 1993-94 | 220.28 | 335.46 | 555.74 | 1.08 | 191.86 | 2.83 | 55.33 | 41.69 | 176.48 | 86.47 | | 555.74 |
| 1994-95 | 262.10 | 310.26 | 572.36 | 0.44 | 176.83 | 2.69 | 36.68 | 48.80 | 210.62 | 96.30 | | 572.36 |
| 1995-96 | 262.33 | 328.57 | 590.90 | 0.47 | 178.71 | 5.55 | 69.69 | 39.19 | 197.51 | 99.78 | | 590.90 |
| 1996-97 | 353.70 | 371.48 | 725.18 | 0.37 | 176.76 | 5.44 | 66.90 | 52.37 | 279.28 | 144.06 | | 725.18 |
| 1997-98 | 495.93 | 355.61 | 851.54 | 0.47 | 106.93 | 1.63 | 133.82 | 35.64 | 344.72 | 228.33 | | 851.54 |
| 1998-99 | 661.58 | 504.11 | 1165.69 | 0.54 | 118.11 | 4.52 | 238.46 | 78.80 | 465.61 | 259.65 | | 1165.69 |
| 1999-2K | 843.99 | 385.83 | 1229.82 | 0.86 | 111.96 | 3.87 | 140.48 | 123.70 | 549.94 | 299.01 | | 1229.82 |
| 2000-01 | 1020.70 | 480.14 | 1500.84 | 0.27 | 141.62 | 4.86 | 176.28 | 169.52 | 639.87 | 368.42 | | 1500.84 |
| 2001-02 | 1154.37 | 516.25 | 1670.62 | 0.48 | 122.68 | 3.14 | 199.75 | 170.97 | 771.14 | 402.46 | | 1670.62 |
| 2002-03 | 1640.12 | 602.18 | 2142.30 | 0.54 | 115.01 | 7.48 | 303.51 | 131.40 | 1012.52 | 571.84 | | 2142.30 |
| 2003-04 | 2022.59 | 626.96 | 2649.55 | 8.49 | 109.09 | 4.69 | 370.63 | 0.93 | 1435.18 | 720.54 | | 2649.55 |
| 2004-05 | 2495.25 | 866.71 | 3361.96 | 2.64 | 180.60 | 3.83 | 495.67 | 40.78 | 1841.06 | 797.38 | | 3361.96 |
| 2005-06 | 1181.76 | 823.44 | 2005.20 | 12.09 | 265.76 | 2.97 | 254.22 | 50.14 | 587.59 | 646.95 | 185.48 | 2005.20 |
| 2006-07 | 1211.93 | 864.88 | 2076.81 | 2.09 | 293.64 | 3.13 | 281.78 | 102.67 | 613.94 | 619.81 | 159.75 | 2076.81 |
| 2007-08 | 1191.79 | 865.34 | 2057.13 | 2.72 | 309.04 | 2.13 | 299.81 | 107.48 | 506.51 | 639.24 | 190.2 | 2057.13 |
| 2008-09 | 1067.91 | 858.09 | 1926.00 | 1.40 | 355.18 | 2.22 | 235.45 | 165.60 | 457.05 | 514.61 | 194.49 | 1926.00 |
| 2009-10 | 1270.82 | 975.13 | 2245.95 | 1.40 | 384.19 | 2.24 | 321.91 | 311.78 | 550.65 | 473.82 | 199.96 | 2245.95 |
| 2010-11 | 1546.84 | 1210.16 | 2757.00 | 16.11 | 444.09 | 2.77 | 486.63 | 522.19 | 714.04 | 478.61 | 92.56 | 2757.00 |
| 2011-12 | 1883.95 | 1414.42 | 3298.37 | 3.11 | 609.94 | 3.00 | 539.93 | 746.39 | 898.15 | 352.06 | 145.79 | 3298.37 |
| 2012-13 | 1944.13 | 1967.95 | 3912.08 | 3.74 | 713.02 | 3.01 | 571.96 | 757.2 | 1212.97 | 408.41 | 241.76 | 3912.07 |
| 2013-14 | 2564.18 | 2660.97 | 5225.15 | 3.06 | 1024.68 | 1.14 | 957.71 | 1498.76 | 778.13 | 650.18 | 311.49 | 5225.15 |
| 2014-15* | 1274.09 | 1284.69 | 2558.78 | 0.26 | 632.57 | 4.98 | 362.47 | 1013.4 | 178.68 | 260.95 | 105.45 | 2558.76 |
| 2015-16 | 1433.11 | 1559.59 | 2992.70 | 0.98 | 717.61 | 4.71 | 242.78 | 1185.81 | 289.23 | 370.89 | 180.67 | 2992.68 |
| 2016-17 | 1927.6 | 2361.12 | 4288.72 | 4.27 | 667.84 | 4.16 | 1026.93 | 1516.06 | 552.6 | 349.64 | 167.27 | 4288.77 |
| 2017-18 | 2449.58 | 3398.26 | 5847.84 | 4.2 | 706.74 | 4.67 | 1860.75 | 2122.55 | 576.02 | 408.52 | 164.42 | 5847.87 |
| 2018-19 | 3151.08 | 3981.56 | 7132.64 | 1.63 | 737.51 | -1.71 | 2252.72 | 2733.91 | 490.12 | 660.2 | 258.3 | 7132.68 |
| 2019-20 | 4650.1 | 4873.60 | 9523.70 | -2.03 | 535.4 | 645.76 | 2913.93 | 3668.83 | 331.28 | 725.21 | 279.26 | 9523.70 |
| 2020-21 | 4472.37 | 6876.60 | 11348.97 | 0.288 | 1257.61 | 1.1326999 | 4724.39 | 3606.86 | 911.64 | 305.86 | 541.2 | 11348.97 |
| 2021-22 | 4231.02 | 8588.28 | 12819.30 | 0.020 | 1871.80 | 0.73 | 5730.56 | 3443.56 | 1082.81 | 184.01 | 505.52 | 12819.01 |
| 2022-23 | 5642.41 | 10009.72 | 15652.13 | 0.020 | 2337.75 | 0.75 | 6573.74 | 4587.01 | 1279.29 | 219.90 | 653.68 | 15652.14 |
| 2023-24 | 7403.99 | 13453.01 | 20857.00 | 0.120 | 3142.64 | 22.33 | 9035.64 | 6163.72 | 1486.04 | 189.54 | 816.97 | 20857.00 |

*For Residual AP

9.13: TARIFF FOR RETAIL SALE OF ELECTRICITY DURING FY2023-24
(Applicable with effect from 01.04.2023 to 31.03.2024 in respect of three distribution licensees, APSPDCL, APCPDCL and APEPDCL in the State of Andhra Pradesh)

| Category | Consumer Category | LT SUPPLY | | ↔ Billing Unit | HT SUPPLY | | | | |
|----------|--|----------------|----------------|-------------------|----------------|---------------------------|-------|--------|--------|
| | | Fixed / Demand | Energy Charges | | Fixed / Demand | Energy Charges (Rs./Unit) | | | |
| | | | | | | 11 kV | 33 kV | 132 kV | 220 kV |
| I | DOMESTIC | | | | | | | | |
| | (A) : Domestic (Telescopic) | | | | | | | | |
| | 0-30 | 10 | 1.90 | kWh | - | - | - | - | - |
| | 31-75 | 10 | 3.00 | kWh | - | - | - | - | - |
| | 76-125 | 10 | 4.50 | kWh | - | - | - | - | - |
| | 126-225 | 10 | 6.00 | kWh | - | - | - | - | - |
| | 226-400 | 10 | 8.75 | kWh | - | - | - | - | - |
| | >400 | 10 | 9.75 | kWh | - | - | - | - | - |
| | Consumers whose consumption is more than 500 units per month can opt for smart meters and ToD rebate of Rs.1 per unit is applicable for such consumers for consumption between 10 AM to 12 Noon. | | | | | | | | |
| | (B) : Townships, Colonies, Gated Communities and Villas | - | - | kVAh | 75 | 7.00 | 7.00 | 7.00 | 7.00 |
| II | COMMERCIAL & OTHERS | | | | | | | | |
| | A (i) : Commercial | | | | | | | | |
| | 0-50 | 75/kW | 5.40 | kWh/kVAh | 475 | 7.65 | 6.95 | 6.70 | 6.65 |
| | 51-100 | | 7.65 | kWh/kVAh | | | | | |
| | 101-300 | | 9.05 | kWh/kVAh | | | | | |
| | 301-500 | | 9.60 | kWh/kVAh | | | | | |
| | Above 500 units | | 10.15 | kWh/kVAh | | | | | |
| | Time of Day tariff (TOD)-Peak (6 PM to 10 PM) | - | - | kWh/kVAh | - | 8.65 | 7.95 | 7.70 | 7.65 |
| | (ii) Advertising Hoardings | 100 | 12.25 | kWh/kVAh | - | - | - | - | - |
| | (iii) Function halls / Auditoriums | - | 12.25 | kWh/kVAh | - | 12.25 | 12.25 | 12.25 | 12.25 |
| | (B):Startup power | - | 12.25 | kWh/kVAh | - | 12.25 | 12.25 | 12.25 | 12.25 |
| | (C):Electric Vehicles/Charging Stations | - | 6.70 | kWh/kVAh | - | 6.70 | 6.70 | 6.70 | 6.70 |
| | (D) : Green Power | - | 12.25 | kWh/kVAh | - | 12.25 | 12.25 | 12.25 | 12.25 |

9.13: TARIFF FOR RETAIL SALE OF ELECTRICITY DURING FY2023-24
(Applicable with effect from 01.04.2023 to 31.03.2024 in respect of three distribution licensees, APSPDCL, APCPDCL and APEPDCL in the State of Andhra Pradesh)

| Category | Consumer Category | LT SUPPLY | | Billing Unit | HT SUPPLY | | | | | | |
|--|--|--|---------------------------|--------------|--|---------------------------|-------|--------|--------|------|------|
| | | Fixed / Demand Charges per month (Rs/HP or kW) | Energy Charges (Rs./Unit) | | Fixed / Demand Charges per month (Rs./kVA) | Energy Charges (Rs./Unit) | | | | | |
| | | | | | | 11 kV | 33 kV | 132 kV | 220 kV | | |
| INDUSTRY | (A) : Industry (General) | 75/kW | 6.70 | kWh/kVAh | 475 | - | - | - | - | | |
| | Time of Day tariff (TOD) (High Grid Demand) (Feb'24, Mar'24), (Apr'23- May'23) & (Sep'23-Oct'23) | | | | | | | | | | |
| | Peak (06-10) & (18-22) | - | - | | | | | 7.80 | 7.35 | 6.90 | 6.85 |
| | Off-Peak (10 -15) & (00-06) | - | - | | | | | 5.55 | 5.10 | 4.65 | 4.60 |
| | Normal (15-18) & (22-24) | - | - | | | | | 6.30 | 5.85 | 5.40 | 5.35 |
| | Industrial Colonies | - | - | | | kWh/kVAh | - | 7.00 | 7.00 | 7.00 | 7.00 |
| | (B) : Seasonal Industries (off-season) | 75/kW | 7.45 | kWh/kVAh | 475 | 7.65 | 6.95 | 6.70 | 6.65 | | |
| | (C) : Energy Intensive Industries | - | - | kWh/kVAh | 475 | 5.80 | 5.35 | 4.95 | 4.90 | | |
| | (D) : Cottage Industries up to 10HP * | 20/kW | 3.75 | kWh | - | - | - | - | - | | |
| | * - Dhobighats shall be extended free power supply as per G.O.Rt.No.75, dt. 27-06-2018 | | | | | | | | | | |
| | IV | INSTITUTIONAL | | | | | | | | | |
| (A) : Utilities (Street Lighting, NTR Sujala Pathakam, CPWS and PWS) | | 75/kW | 7.00 | kWh | 475 | 7.65 | 6.95 | 6.70 | 6.65 | | |
| (B) : General Purpose | | 75/kW | 7.00 | kWh/kVAh | 475 | 7.95 | 7.25 | 7.00 | 6.95 | | |
| (C) : Religious Places | | 30/kW | 5.00 | kWh/kVAh | 30 | 5.00 | 5.00 | 5.00 | 5.00 | | |
| (D) : Railway Traction | | - | - | kVAh | 350 | 5.50 | 5.50 | 5.50 | 5.50 | | |
| V | AGRICULTURE & RELATED | | | | | | | | | | |
| | (A) : Agriculture | | | | | | | | | | |
| | (i) Corporate farmers | - | 3.50 | kWh | - | - | - | - | - | | |
| | (ii) Non-Corporate farmers | - | - | - | - | - | - | - | - | | |
| | (iii) Salt farming units up to 15 HP | - | 2.50 | kWh | - | - | - | - | - | | |
| | (iv) Sugarcane crushing | - | - | - | - | - | - | -- | - | | |
| | (v) Rural Horticulture Nurseries | - | - | - | - | - | - | -- | - | | |
| | (vi) Floriculture in Green House | 75/kW | 4.50 | kWh/kVAh | - | - | - | - | - | | |
| | (B) : Aquaculture and Animal Husbandry | 30/kW | 3.85 | kWh/kVAh | 30 | 3.85 | 3.85 | 3.85 | 3.85 | | |
| | (D) : Agro Based Cottage Industries up to 10 HP | 20/kW | 3.75 | kWh | - | - | - | - | - | | |
| (E) : Government / Private Lift Irrigation Schemes | - | 6.40 | kVAh | - | 7.15 | 7.15 | 7.15 | 7.15 | | | |
| Note: | (i) Temporary Supply: There is no separate category for temporary supply. However, Temporary supply can be released against each category with respective terms and conditions applicable and it shall be billed at the rate and other conditions specified in this order. | | | | | | | | | | |
| | (ii) Categories not defined in either HT-Supply or LT-Supply shall be billed at the rates specified in Category - II (A) (i) Commercial | | | | | | | | | | |

10. PERSONNEL

10.1 CADRE STRENGTH IN AP Power Sector (Sanctioned)

| Sl.No. | Details | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | AP | DISCOMs | AP | AP | DISCOMs | |
|--------|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|-------------|--------------|---------|
| | | GENCO | TRANSCO | GENCO | TRANSCO | GENCO | TRANSCO | GENCO | TRANSCO | DISCOMs | GENCO | TRANSCO | DISCOMs | GENCO | TRANSCO | DISCOMs | GENCO | TRANSCO | DISCOMs | GENCO | TRANSCO | DISCOMs | GENCO | TRANSCO |
| | | 1999 | | 2000 | | 2001 | | 2002 | | 2003 | | 2004 | | 2005 | | 2006 | | 2007 | | | 2008 | | | |
| | OTHER THAN WORKMEN | | | | | | | | | | | | | | | | | | | | | | | |
| 1. | Technical | 2852 | 5473 | 2892 | 5585 | 2944 | 5908 | 2927 | 5914 | 2934 | 5966 | 2936 | 6070 | 2927 | 6211 | 2916 | 6369 | 2952 | 2454 | 4511 | 3492 | 2470 | 4026 | |
| 2. | Non-Technical | 407 | 543 | 436 | 617 | 465 | 1828 | 484 | 690 | 496 | 689 | 547 | 656 | 558 | 662 | 513 | 778 | 524 | 190 | 887 | 481 | 190 | 623 | |
| | WORKMEN | | | | | | | | | | | | | | | | | | | | | | | |
| 1. | Technical | 607 | 2141 | 614 | 2173 | 619 | 2357 | 617 | 2272 | 580 | 2272 | 585 | 2332 | 573 | 2388 | 558 | 2404 | 555 | 306 | 1574 | 550 | 303 | 2155 | |
| 2. | Non-Technical | 1984 | 15477 | 2007 | 15605 | 2021 | 14577 | 2026 | 15254 | 2100 | 15365 | 1836 | 15476 | 1798 | 15660 | 1864 | 15102 | 1854 | 1369 | 13586 | 1830 | 1362 | 13889 | |
| 3. | O & M and Construction and others | 9446 | 36042 | 9330 | 36040 | 9443 | 37001 | 9476 | 37490 | 8283 | 37400 | 8147 | 37668 | 7862 | 38202 | 8024 | 37992 | 7927 | 3409 | 34656 | 7882 | 3391 | 35343 | |
| | TOTAL | 15296 | 59676 | 15279 | 60020 | 15492 | 61671 | 15530 | 61620 | 14393 | 61692 | 14051 | 62202 | 13718 | 63123 | 13875 | 62645 | 13812 | 7728 | 55214 | 14235 | 7716 | 56036 | |

10.1 CADRE STRENGTH IN AP Power Sector (Sanctioned)

| Sl.No. | Details | AP | AP | DISCOMs | AP | AP | DISCOMs | AP | AP | DISCOMs | AP | AP | DISCOMs | AP | AP | DISCOMs | AP | AP | DISCOMs | AP | AP | DISCOMs |
|--------|-----------------------------------|--------------|-------------|--------------|--------------|-------------|--------------|--------------|-------------|--------------|--------------|-------------|--------------|--------------|-------------|--------------|--------------|-------------|--------------|-------------|-------------|--------------|
| | | Genco | Transco | | Genco | Transco | | Genco | Transco | | Genco | Transco | | Genco | Transco | | Genco | Transco | | Genco | Transco | |
| | | 2009 | | | 2010 | | | 2011 | | | 2012 | | | 2013 | | | 2014 | | | 2015 | | |
| | OTHER THAN WORKMEN | | | | | | | | | | | | | | | | | | | | | |
| 1. | Technical | 3486 | 2625 | 4020 | 4051 | 2925 | 4333 | 4051 | 3332 | 6601 | 4053 | 3332 | 5873 | 4053 | 3362 | 6667 | 4437 | 3427 | 6374 | 2466 | 1697 | 3580 |
| 2. | Non-Technical | 478 | 309 | 2702 | 630 | 324 | 1662 | 629 | 343 | 1847 | 627 | 353 | 1780 | 628 | 221 | 1885 | 691 | 233 | 1949 | 355 | 122 | 949 |
| | WORKMEN | | | | | | | | | | | | | | | | | | | | | |
| 1. | Technical | 541 | 344 | 2157 | 644 | 384 | 2201 | 637 | 3 | 227 | 638 | | 3 | 637 | | 2 | 713 | | 17 | 369 | 223 | - |
| 2. | Non-Technical | 1740 | 1362 | 12897 | 1885 | 1293 | 12889 | 1889 | 1222 | 12926 | 1894 | 1222 | 14114 | 1900 | 1354 | 13159 | 1953 | 1354 | 15092 | 1126 | 769 | 7211 |
| 3. | O & M and Construction and others | 7460 | 3365 | 34930 | 8470 | 3327 | 35689 | 8441 | 3402 | 35370 | 8396 | 3394 | 35247 | 8372 | 3394 | 35022 | 8901 | 3405 | 38379 | 4937 | 2106 | 19615 |
| | TOTAL | 13705 | 8005 | 56706 | 15680 | 8253 | 56774 | 15647 | 8302 | 56971 | 15608 | 8301 | 57017 | 15590 | 8331 | 56735 | 16695 | 8419 | 61811 | 9253 | 4917 | 31355 |

10.1 CADRE STRENGTH in AP Power Sector (Sanctioned)

| Sl.No. | Details | AP GENCO | AP TRANSCO | DISCOMs | AP GENCO | AP TRANSCO | DISCOMs | AP GENCO | AP TRANSCO | DISCOMs | AP GENCO | AP TRANSCO | DISCOMs | AP GENCO | AP TRANSCO | DISCOMs | AP GENCO | AP TRANSCO | DISCOMs |
|--------|-----------------------------------|-------------|-------------|--------------|-------------|-------------|--------------|-------------|-------------|--------------|-------------|-------------|--------------|-------------|-------------|--------------|-------------|-------------|--------------|
| | | 2016 | | | 2017 | | | 2018 | | | 2019 | | | 2020 | | | 2021 | | |
| | OTHER THAN WORKMEN | | | | | | | | | | | | | | | | | | |
| 1. | Technical | 2466 | 1691 | 1789 | 2472 | 1691 | 3601 | 2472 | 2290 | 3785 | 2474 | 2290 | 2953 | 2474 | 2290 | 2646 | 2473 | 2290 | 3621 |
| 2. | Non-Technical | 355 | 120 | 953 | 355 | 120 | 982 | 355 | 200 | 1009 | 357 | 201 | 874 | 357 | 201 | 875 | 355 | 201 | 920 |
| | WORKMEN | | | | | | | | | | | | | | | | | | |
| 1. | Technical | 369 | 223 | 1810 | 425 | 223 | *** | 425 | - | ** | 424 | - | ** | 424 | - | 811 | 427 | - | - |
| 2. | Non-Technical | 1126 | 766 | 7229 | 1070 | 766 | 2386 | 1070 | 691 | 2359 | 1068 | 690 | 6019 | 1068 | 690 | 5406 | 1068 | 690 | 6417 |
| 3. | O & M and Construction and others | 4937 | 2106 | 19673 | 4931 | 2106 | 24592 | 4931 | 2106 | 24687 | 4930 | 2106 | 13525 | 4930 | 2106 | 15431 | 4930 | 2106 | 21212 |
| | TOTAL | 9253 | 4906 | 31454 | 9253 | 4906 | 31561 | 9253 | 5287 | 31840 | 9253 | 5287 | 23371 | 9253 | 5287 | 25169 | 9253 | 5287 | 32170 |

* 11 Posts in CTI /Hyderabad was allotted to TSTRANSCO

10.1 CADRE STRENGTH in AP Power Sector (Sanctioned)

| Sl.No. | Details | AP GENCO | AP TRANSCO | DISCOMs | AP GENCO | AP TRANSCO | DISCOMs | AP GENCO | AP TRANSCO | DISCOMs |
|--------|---------------------------------|-------------|-------------|--------------|-------------|-------------|--------------|-------------|-------------|--------------|
| | | 2022 | | | 2023 | | | 2024 | | |
| | OTHER THAN WORKMEN | | | | | | | | | |
| 1. | Technical | 2472 | 2290 | 3848 | 2472 | 2290 | 3834 | 2472 | 2290 | 3835 |
| 2. | Non-Technical | 357 | 210 | 998 | 357 | 210 | 1004 | 357 | 211 | 1023 |
| | WORKMEN | | | | | | | | | |
| 1. | Technical | 423 | 1712 | 8318 | 423 | 1712 | 23925 | 423 | 1614 | 27585 |
| 2. | Non-Technical | 1226 | 586 | 5186 | 1226 | 586 | 7211 | 1226 | 683 | 6608 |
| 3. | O & M and Construction and othe | 4773 | 489 | 15741 | 4773 | 489 | 479 | 4773 | 489 | 531 |
| | TOTAL | 9251 | 5287 | 34091 | 9251 | 5287 | 36453 | 9251 | 5287 | 39582 |

10.2 MAN POWER DETAILS

| Sl.No. | Particulars | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D |
|--------|---|-------|-------|-------|-------|-------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| | | 98-99 | | 99-2K | | 2K-01 | | 2001-02 | | 2002-03 | | 2003-04 | | 2004-05 | | 2005-06 | |
| | | | | | | | | | | | | | | | | | |
| A. | Total No.of Employees | 15296 | 59676 | 15279 | 60020 | 15492 | 61671 | 15530 | 61620 | 14393 | 61692 | 14051 | 62202 | 13718 | 63123 | 13875 | 62645 |
| B. | Number employed in construction Projects | 935 | --- | 785 | --- | 769 | --- | 748 | --- | 366 | --- | 250 | --- | 263 | --- | 267 | --- |
| C. | Total employed in Generation,Transmission&Distribution(A-B) | 14361 | 59676 | 14494 | 60020 | 14723 | 61671 | 14782 | 61620 | 14027 | 61692 | 13801 | 62202 | 13455 | 63123 | 13608 | 62645 |
| D. | Employment break-up of 'C' | | | | | | | | | | | | | | | | |
| | 1.a)Number.Actually employed in Thermal Generation | 10047 | --- | 10060 | --- | 10134 | --- | 10139 | --- | 9935 | --- | 9611 | --- | 9280 | --- | 9229 | --- |
| | 1.b)Plus proportion of other employees (H.Q.Posts) | 505 | --- | 548 | --- | 580 | --- | 575 | --- | 610 | --- | 474 | --- | 472 | --- | 504 | --- |
| | 1.c)Thermal Capacity in operation in MW | 2953 | --- | 2953 | --- | 2953 | --- | 2953 | --- | 2957.5 | --- | 2972.5 | --- | 3502 | --- | 3234.5 | --- |
| | 1.d)Employees / MW (1a+1b)/1c | 3.57 | --- | 3.59 | --- | 3.63 | --- | 3.63 | --- | 3.60 | --- | 3.39 | --- | 2.78 | --- | 3.01 | --- |
| | 2.a)No.actually employed in Hydel Generation | 3551 | --- | 3590 | --- | 3694 | --- | 3745 | --- | 3625 | --- | 3692 | --- | 3480 | --- | 3593 | --- |

10.2 MAN POWER DETAILS

| Sl.No. | Particulars | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D |
|--------|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|-------|--------|--------|-------|-------|-------|-------|-------|-------|
| | | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 | | | | | | | | | | |
| A. | Total No.of Employees | 13812 | 62942 | 14235 | 63752 | 13705 | 64711 | 15680 | 65027 | 15647 | 65273 | 15608 | 65318 | 15590 | 65066 | 16695 | 70230 | 9253 | 36272 | 9253 | 36360 |
| B. | Number employed in construction Projects | 682 | --- | --- | 906 | 1989 | 2029 | 548 | 627 | 1464 | 1355 | 1348 | | | | | | | | | |
| C. | Total employed in Generation,Transmission&Distribution(A-B) | 13130 | 62942 | 14235 | 63752 | 12799 | 64711 | 13691 | 65027 | 13618 | 65273 | 15060 | 65318 | 14963 | 65066 | 15231 | 70230 | 7898 | 36272 | 7905 | 36360 |
| D. | | | | | | | | | | | | | | | | | | | | | |
| | 1.a)Number.Actually employed in Thermal Generation | 8717 | --- | 8674 | --- | 8557 | 9325 | 9236 | 10774 | 10735 | 8812 | 4266 | 5276 | | | | | | | | |
| | 1.b)Plus proportion of other employees (H.Q.Posts) | 456 | --- | 464 | --- | 478 | 505 | 497 | 543 | 541 | 479 | 152 | 307 | | | | | | | | |
| | 1.c)Thermal Capacity in operation in MW | 3172.5 | --- | 3655 | --- | 3655 | --- | 4155 | --- | 4592.5 | --- | 5092.5 | --- | 5092.5 | 5092.5 | 2810 | 2810 | | | | |
| | 1.d)Employees / MW (1a+1b)/1c | 2.89 | --- | 2.50 | --- | 2.47 | --- | 2.37 | --- | 2.12 | --- | 2.22 | --- | 2.214 | 1.824 | 1.572 | 1.987 | | | | |
| | 2.a)No.actually employed in Hydel Generation | 3603 | --- | 3629 | --- | 3404 | --- | 3370 | --- | 3459 | --- | 3320 | --- | 3271 | 2053 | 1141 | 2141 | | | | |

10.2 MAN POWER DETAILS

| Particulars | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D |
|---|---------|-------|---------|-------------|---------|-------|---------|---------|---------|-------|---------|-------|---------|-------|---------|-------|---------|--------|
| | 1998-99 | | 1999-2K | | 2000-01 | | 2001-02 | | 2002-03 | | 2003-04 | | 2004-05 | | 2004-05 | | 2005-06 | |
| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 17 | 18 |
| 2.b)Plus proportion of other employees(HQ) | 258 | --- | 296 | --- | 315 | --- | 323 | --- | 226 | --- | 274 | --- | 253 | --- | 253 | --- | 282 | --- |
| 2.c)Hydel capacity in operation(MW) | 2659 | --- | 2674 | --- | 2675 | --- | 2982 | --- | 3432.5 | --- | 3588.3 | --- | 3588.3 | --- | 3588 | --- | 3586.4 | --- |
| 2.d)Employees per MW ((2a+2b)/2c) | 1.43 | --- | 1.45 | --- | 1.49869 | --- | 1.36 | --- | 1.12 | --- | 1.10 | --- | 1.03 | --- | 1.03 | --- | 1.08 | --- |
| 3.a)No.actually employed in Transmission&distribution | --- | 57870 | --- | 57886 | --- | 59961 | --- | 59942 | --- | 60013 | --- | 60568 | --- | 61562 | --- | 61562 | --- | 61283 |
| 3.b)Plus proportion of other employees(HQ) | --- | 1806 | --- | 2134 | --- | 1710 | --- | 1678 | --- | 1679 | --- | 1634 | --- | 1561 | --- | 1561 | --- | 1062 |
| 3.c)No.of consumers in thousands | --- | 10602 | --- | 11107 | --- | 13294 | --- | 13885 | --- | 14683 | --- | 15644 | --- | 16449 | --- | 16449 | --- | 17235 |
| 3.d)Employees per 1000 consumers (3a+3b)/3c | --- | 5.63 | --- | 5.4 | --- | 4.64 | --- | 4.43788 | --- | 4.20 | --- | 3.98 | --- | 3.84 | --- | 3.84 | --- | 3.6173 |
| 4.a)Units sold including exports in MU | --- | 25021 | --- | 26111 | --- | 27498 | --- | 29314 | --- | 31631 | --- | 34446 | --- | 38057 | --- | 38057 | --- | 39652 |
| 4.b)Total No. of employees per MU sold | --- | 2.38 | --- | 2.298648079 | --- | 2.24 | --- | 2.10 | --- | 1.95 | --- | 1.80 | --- | 1.66 | --- | 1.66 | --- | 1.5723 |

| Particulars | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D |
|---|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|--------|---------|--------|
| | 2006-07 | | 2007-08 | | 2008-09 | | 2009-10 | | 2010-11 | | 2011-12 | | 2012-13 | | 2013-14 | | 2014-15 | | 2015-16 | |
| 2.b)Plus proportion of other employees(HQ) | 354 | --- | 359.5 | | 360 | | 376 | | 375 | | 421 | | 422 | | 405 | | 134 | | 181 | |
| 2.c)Hydel capacity in operation(MW) | 3586.4 | --- | 3627.4 | | 3627.4 | | 3744 | | 3790 | | 3865 | | 3865 | | 3865 | | 1749.6 | | 1749.6 | |
| 2.d)Employees per MW ((2a+2b)/2c) | 1.10 | --- | 1.1 | | 1.0 | | 1.0 | | 1.0 | | 0.97 | | 0.96 | | 0.635 | | 0.729 | | 1.32716 | |
| 3.a)No.of posts sanctioned in Transmission&distribution | --- | 61986 | | 62860 | | 63794 | | 63883 | | 64118 | | 64617 | | 65066 | | 70230 | | 36272 | | 36360 |
| 3.b)Plus proportion of other employees(HQ)(TRANSCO) | --- | 956 | | 892 | | 917 | | 1144 | | 1155 | | 1151 | | 1158 | | 1157 | | 675 | | 675 |
| 3.c)No.of consumers in thousands | --- | 18290 | | 19383 | | 20588 | | 21731 | | 22856 | | 23981 | | 25159 | | 26652 | | 15619 | | 16300 |
| 3.d)Employees(sanctioned) per 1000 consumers (3a+3b)/3c | --- | 3.44 | | 3.29 | | 3.14 | | 2.94 | | 2.86 | | 2.74 | | 2.63 | | 2.68 | | 2.37 | | 2.27 |
| 4.a)Units sold including exports in MU | --- | 44807 | | 48390 | | 53215 | | 59118 | | 62618 | | 69955 | | 67604 | | 73126 | | 45120* | | 49513* |
| 4.b)Total No. of employees (sanctioned)per MU sold | --- | 1.40 | | 1.29 | | 1.22 | | 1.08 | | 0.96 | | 1.06 | | 1.02 | | 1.02 | | 1.22 | | 1.34 |

* Reconciled figures

10.2 MAN POWER DETAILS

| Sl.No. | Particulars | ANDHRA PRADESH | | | | | | | | | | | | | | | |
|--------|---|----------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| | | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D |
| | | 2016-17 | | 2017-18 | | 2018-19 | | 2019-20 | | 2020-21 | | 2021-22 | | 2022-23 | | 2023-24 | |
| A. | Total No.of Employees | 9253 | 36467 | 9253 | 37127 | 9244 | 28658 | 9253 | 30456 | 9253 | 37457 | 9253 | 39378 | 9251 | 41740 | 9251 | 44869 |
| B. | Number employed in construction Projects | 100 | | 100 | | 102 | | 1348 | | 231 | | 234 | | 175 | | 26 | |
| C. | Total employed in Generation,Transmission&Distribution(A-B) | 9153 | 36467 | 9153 | 37127 | 9142 | 28658 | 7905 | 30456 | 9022 | 37457 | 9019 | 39378 | 9076 | 41740 | 9225 | 44869 |
| D. | Employment break-up of 'C' | | | | | | | | | | | | | | | | |
| | 1.a)Number.Actually employed in Thermal Generation | 6400 | | 6400 | | 6480 | | 5276 | | 4083 | | 3752 | | 3842 | | 3950 | |
| | 1.b)Plus proportion of other employees (H.Q.Posts) | 296 | | 296 | | 284 | | 282 | | 177 | | 169 | | 229 | | 180 | |
| | 1.c)Thermal Capacity in operation in MW | 2810 | | 2810 | | 3410 | | 3410 | | 5010 | | 5010 | | 5810 | | 6610 | |
| | 1.d)Employees / MW (1a+1b)/1c | 2.38 | | 2.38 | | 1.98 | | 1.99 | | 0.85 | | 0.78 | | 0.70 | | 0.62 | |
| | 2.a)No.actually employed in Hydel Generation | 2258 | | 2258 | | 2271 | | 2141 | | 1107 | | 1036 | | 1038 | | 1002 | |

10.2 MAN POWER DETAILS

| S.No. | Particulars | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D | Genco | T & D |
|-------|---|---------|-----------|----------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| | | 2016-17 | | 2017-18 | | 2018-19 | | 2019-20 | | 2020-21 | | 2021-22 | | 2022-23 | | 2023-24 | |
| | 2.b)Plus proportion of other employees(HQ) | 201 | | 201 | | 215 | - | 213 | | 129 | | 117 | | 145 | | 119 | |
| | 2.c)Hydel capacity in operation(MW) | 1749.6 | | 1749.6 | | 1749.6 | - | 1749.6 | | 1773.6 | | 1773.6 | | 1773.6 | | 1773.6 | |
| | 2.d)Employees per MW ((2a+2b)/2c) | 1.40546 | | 1.405464 | | 1.421 | - | 1.408 | | 0.697 | | 0.650 | | 0.667 | | 0.632 | |
| | 3.a)No.of posts sanctioned in Transmission&distribution | | 36467 | | 37127 | | 28658 | | 30456 | | 37457 | | 39378 | | 41740 | | 44869 |
| | 3.b)Plus proportion of other employees(HQ)(TRANSCO) | | | | | | | | | | | | | | | | |
| | 3.c)No.of consumers in thousands | | 17182 | | 17821 | | 18506 | | 18809 | | 19346 | | 19604 | | 20229 | | 20973 |
| | 3.d)Employees(sanctioned) per 1000 consumers (3a+3b)/3c | | 2.12 | | 2.08 | | 1.55 | | 1.62 | | 1.94 | | 2.01 | | 2.06 | | 2.14 |
| | 4.a)Units sold including exports in MKWH | | 52637.23* | | 57576 | | 63144 | | 62923 | | 63070 | | 68973 | | 72465 | | 81293 |
| | 4.b)Total No. of employees (sanctioned)per MU sold | | 1.44 | | 1.55 | | 2.20 | | 2.07 | | 1.68 | | 1.75 | | 1.74 | | 1.81 |

* Reconciled figures

10.3a DETAILS OF OTHER THAN WORKMEN IN AP GENCO AS ON 31-03-2024 (Sanctioned & Existing)

| S.No. | Cadre | Head Qrs. | | Field | | Total | |
|----------|---------------------------------------|------------|------------|-------------|-------------|-------------|-------------|
| | | Sanctioned | Existing | Sanctioned | Existing | Sanctioned | Existing |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| A | TECHNICAL | | | | | | |
| 1 | Chief Engineer/EI including CGM Adm(G | 7 | 7 | 6 | 6 | 13 | 13 |
| 2 | Superintending Engineer | 13 | 13 | 34 | 34 | 47 | 47 |
| 3 | Executive Engineer | 37 | 37 | 175 | 172 | 212 | 209 |
| 4 | Deputy Executive Engineer | 83 | 83 | 717 | 718 | 800 | 801 |
| 5 | AEE / AE | 44 | 44 | 1259 | 880 | 1303 | 924 |
| 6 | Superintend Chemist | | | 1 | 0 | 1 | 0 |
| 7 | Executive Chemist | | | 5 | 5 | 5 | 5 |
| 8 | Deputy Executive Chemist | | | 34 | 34 | 34 | 34 |
| 9 | Asst.Executive Chemist | 2 | 2 | 55 | 29 | 57 | 31 |
| | T O T A L | 186 | 186 | 2286 | 1878 | 2472 | 2064 |
| B | NON-TECHNICAL | | | | | | |
| 1 | ED(FINANCE) | 1 | 1 | 0 | 0 | 1 | 1 |
| 2 | CGM(A&T) | 1 | 1 | 0 | 0 | 1 | 1 |
| 3 | COMAPANY SECREATARY | 1 | 0 | 0 | 0 | 1 | 0 |
| 4 | Joint Secretary (Personnel) | 1 | 1 | 0 | 0 | 1 | 1 |
| 5 | Chief of Security & Vigilance | 1 | 0 | 0 | 0 | 1 | 0 |
| 6 | GM(Accounts) | 4 | 4 | 4 | 3 | 8 | 7 |
| 7 | DS | 3 | 3 | 1 | 1 | 4 | 4 |
| 8 | GM(Legal) | 1 | 1 | 0 | 0 | 1 | 1 |
| 9 | GM(HR) | 1 | 1 | 2 | 2 | 3 | 3 |
| 10 | SAO | 7 | 7 | 7 | 7 | 14 | 14 |
| 11 | DGM(HR) | 2 | 0 | 0 | 0 | 2 | 0 |
| 12 | AS | 5 | 5 | 5 | 5 | 10 | 10 |
| 13 | Dy Civil Surgeon | 0 | 0 | 2 | 2 | 2 | 2 |
| 14 | Security Officer | 0 | 0 | 3 | 0 | 3 | 0 |
| 15 | Senior Welfare Officer | 0 | 0 | 3 | 0 | 3 | 0 |
| 16 | LAW OFFICER | 1 | 0 | 0 | 0 | 1 | 0 |
| 17 | Divisional fire Officer | 0 | 0 | 1 | 1 | 1 | 1 |
| 18 | Welfare officer | 0 | 0 | 5 | 0 | 5 | 0 |
| 19 | Asst. Security Officer | 1 | 0 | 7 | 0 | 8 | 0 |
| 20 | ACS | 1 | 1 | 12 | 2 | 13 | 3 |
| 21 | AO | 17 | 16 | 17 | 18 | 34 | 34 |
| 22 | Dy Manager (HR) | 0 | 0 | 3 | 0 | 3 | 0 |
| 23 | PO | 22 | 13 | 6 | 4 | 28 | 17 |
| 24 | Protocol Officer | 1 | 0 | 0 | 0 | 1 | 0 |
| 25 | Asst.Divisional Fire Officer | 0 | 0 | 3 | 3 | 3 | 3 |
| 26 | AAO | 9 | 9 | 27 | 27 | 36 | 36 |
| 27 | JUNIOR LAW OFFICER | 1 | 0 | 0 | 0 | 1 | 0 |
| 28 | Asst. Manager (HR) | 1 | 0 | 6 | 0 | 7 | 0 |
| 29 | Security Inspector | 2 | 0 | 9 | 0 | 11 | 0 |
| 30 | DSP(Vgilance) | 1 | 0 | 0 | 0 | 1 | 0 |
| 31 | JAO | 36 | 16 | 107 | 80 | 143 | 96 |
| 32 | Head Master | 0 | 0 | 1 | 0 | 1 | 0 |
| 33 | Station Fire Officer | 0 | 0 | 5 | 5 | 5 | 5 |
| | TOTAL | 121 | 79 | 236 | 160 | 357 | 239 |
| | Grand Total | 307 | 265 | 2522 | 2038 | 2829 | 2303 |

10.3b DETAILS OF WORKMEN IN AP GENCO AS ON 31-03-2024 (Sanctioned & Existing)

| S.No. | Cadre | Head Qrs. | | Field | | Total | |
|----------|--------------------------------|------------|----------|------------|----------|------------|----------|
| | | Sanctioned | Existing | Sanctioned | Existing | Sanctioned | Existing |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| A | TECHNICAL | | | | | | |
| 1 | Jr. ENGINEER | 1 | 1 | 422 | 165 | 423 | 166 |
| 2 | FM Gr-I | 0 | 0 | 247 | 238 | 247 | 238 |
| 2 | MCP DRIVER | 0 | 0 | 32 | 27 | 32 | 27 |
| 3 | LOCO Operator | 0 | 0 | 54 | 40 | 54 | 40 |
| 3 | Dozer Operator | 0 | 0 | 44 | 10 | 44 | 10 |
| 4 | FM Gr-I (Crane Op,EOT,HVD/LVD) | 0 | 0 | 10 | 3 | 10 | 3 |
| 4 | Foreman Driver(FM GR-I) | 0 | 0 | 6 | 0 | 6 | 0 |
| 5 | Lab Assistant Gr-I(FM Gr-I) | 0 | 0 | 2 | 0 | 2 | 0 |
| 5 | HP Welder (FM Gr-I) | 0 | 0 | 3 | 3 | 3 | 3 |
| 6 | Supervisory Gr - I | 0 | 0 | 1 | 0 | 1 | 0 |
| 6 | Health Inspector | 0 | 0 | 3 | 0 | 3 | 0 |
| 7 | Staff Nurse | 0 | 0 | 10 | 1 | 10 | 1 |
| 7 | Radiographer | 0 | 0 | 1 | 0 | 1 | 0 |
| 8 | Secondary Grade Teacher | 0 | 0 | 1 | 0 | 1 | 0 |
| 8 | Drawing Teacher | 0 | 0 | 1 | 0 | 1 | 0 |
| 9 | Hindi/telugu Pandit Grade II | 0 | 0 | 1 | 0 | 1 | 0 |
| 9 | FM Gr-II | 0 | 0 | 101 | 94 | 101 | 94 |
| 10 | HEMO Operator | 0 | 0 | 2 | 0 | 2 | 0 |
| 10 | Foreman Driver Gr.II | 0 | 0 | 3 | 0 | 3 | 0 |
| 11 | Lab Assistant | 0 | 0 | 4 | 0 | 4 | 0 |
| 11 | HP Welder | 0 | 0 | 1 | 0 | 1 | 0 |
| 12 | Leading Fireman | 0 | 0 | 28 | 28 | 28 | 28 |
| 12 | Civil Maistry Gr-I | 0 | 0 | 1 | 0 | 1 | 0 |
| 13 | FM Gr-IV / FM Gr - IV(Mech) | 1 | 1 | 220 | 212 | 221 | 213 |
| 13 | Winder Gr-II | 0 | 0 | 1 | 0 | 1 | 0 |
| 14 | Tester Gr.I | 0 | 0 | 1 | 1 | 1 | 1 |
| 14 | SSA/SBO | 0 | 0 | 31 | 0 | 31 | 0 |
| 15 | Civil Maistry(TBHS) | 0 | 0 | 1 | 0 | 1 | 0 |
| 15 | Civil Maistry Gr-II | 0 | 0 | 3 | 1 | 3 | 1 |
| 16 | H V Driver/FM Driver | 0 | 0 | 20 | 13 | 20 | 13 |
| 16 | Line Inspector | 0 | 0 | 2 | 0 | 2 | 0 |
| 17 | Maistry Gr.I | 0 | 0 | 2 | 0 | 2 | 0 |
| 17 | Driver Gr - I | 0 | 0 | 5 | 3 | 5 | 3 |
| 18 | Mechanic Gr.I | 0 | 0 | 2 | 1 | 2 | 1 |
| 18 | Cable Jointer/Caulker&Rivetter | 0 | 0 | 1 | 0 | 1 | 0 |
| 19 | Driver operator | 0 | 0 | 37 | 10 | 37 | 10 |
| 19 | Pharmacist Gr-II/Pharmacist | 0 | 0 | 11 | 1 | 11 | 1 |
| 20 | Lab Technician | 0 | 0 | 4 | 0 | 4 | 0 |
| 20 | HP Welder (PA) | 0 | 0 | 1 | 1 | 1 | 1 |
| 21 | Carpenter Gr.I | 0 | 0 | 2 | 0 | 2 | 0 |
| 21 | Electrician/Crane Operator | 0 | 0 | 5 | 0 | 5 | 0 |
| 22 | L V Driver | 0 | 0 | 17 | 8 | 17 | 8 |
| 22 | Filter Operator | 0 | 0 | 2 | 0 | 2 | 0 |
| 23 | Fitter | 0 | 0 | 7 | 0 | 7 | 0 |
| 23 | Fitter Gr.I | 0 | 0 | 1 | 0 | 1 | 0 |
| 24 | Lineman | 0 | 0 | 16 | 10 | 16 | 10 |
| 24 | Lineman Driver Gr-I | 0 | 0 | 7 | 0 | 7 | 0 |
| 25 | Diver/PA | 0 | 0 | 19 | 0 | 19 | 0 |
| 25 | Mechanic Gr.III | 0 | 0 | 26 | 3 | 26 | 3 |
| 26 | AHO(PA)/Mechanic Gr-III | 0 | 0 | 1 | 0 | 1 | 0 |
| 26 | Operator Gr - I HV | 0 | 0 | 10 | 7 | 10 | 7 |
| 27 | Operator Gr-II(EOT) | 0 | 0 | 3 | 3 | 3 | 3 |
| 27 | Operator Gr-II (LVD) | 0 | 0 | 30 | 11 | 30 | 11 |
| 28 | PA Hot (Lines) | 0 | 0 | 8 | 3 | 8 | 3 |
| 28 | Operator Gr-II (PA) | 0 | 0 | 6 | 4 | 6 | 4 |
| 29 | Plant Asst./Plant Attendant | 0 | 0 | 1017 | 757 | 1017 | 757 |
| 29 | Pump Driver | 0 | 0 | 5 | 0 | 5 | 0 |
| 30 | Shunter PA | 0 | 0 | 72 | 55 | 72 | 55 |
| 30 | Tester Gr.II | 0 | 0 | 1 | 0 | 1 | 0 |
| 31 | Welder | 0 | 0 | 1 | 1 | 1 | 1 |

10.3b DETAILS OF WORKMEN IN AP GENCO AS ON 31-03-2024 (Sanctioned & Existing)

| S.No. | Cadre | Head Qrs. | | Field | | Total | |
|----------|-------------------------------------|------------|------------|--------------|-------------|--------------|-------------|
| | | Sanctioned | Existing | Sanctioned | Existing | Sanctioned | Existing |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 32 | Inst.Mechanic | 0 | 0 | 1 | 1 | 1 | 1 |
| 33 | Mechanic Gr-II | 0 | 0 | 1 | 0 | 1 | 0 |
| 32 | Junior Lab Assistant | 0 | 0 | 2 | 1 | 2 | 1 |
| 33 | Blacksmith | 0 | 0 | 1 | 0 | 1 | 0 |
| 33 | Fireman | 0 | 0 | 102 | 15 | 102 | 15 |
| 34 | Asst.Lineman | 0 | 0 | 8 | 0 | 8 | 0 |
| 34 | Lineman Driver Gr.III | 1 | 0 | 0 | 1 | 1 | 1 |
| 35 | Mason | 0 | 0 | 2 | 0 | 2 | 0 |
| 35 | JPA | 0 | 0 | 2491 | 784 | 2491 | 784 |
| 36 | Cleaner | 0 | 0 | 2 | 0 | 2 | 0 |
| 36 | Blue Print Operator | 0 | 0 | 1 | 0 | 1 | 0 |
| 37 | Sanitary Maistry | 0 | 0 | 6 | 1 | 6 | 1 |
| | TECHNICAL TOTAL | 3 | 2 | 5193 | 2517 | 5196 | 2519 |
| B | NON-TECHNICAL | | | | | | |
| 1 | JPO | 26 | 6 | 2 | 0 | 28 | 6 |
| 2 | SR.Assitatnt | 12 | 2 | 127 | 97 | 139 | 99 |
| 3 | Sr.Steno | 0 | 0 | 1 | 0 | 1 | 0 |
| 4 | Store.Keeper GR-I | 0 | 0 | 1 | 0 | 1 | 0 |
| 5 | Teachers (B.Ed.) | 0 | 0 | 3 | 0 | 3 | 0 |
| 6 | Telugu Pandit Grade I | 0 | 0 | 1 | 0 | 1 | 0 |
| 7 | Security Sub-Inspector | 2 | 0 | 19 | 0 | 21 | 0 |
| 8 | Security Head Guard | 7 | 5 | 54 | 35 | 61 | 40 |
| 9 | Sub Inspector of Police | 0 | 0 | 2 | 0 | 2 | 0 |
| 10 | Assistant | 17 | 10 | 0 | 2 | 17 | 12 |
| 11 | Jr.Assistant | 10 | 2 | 240 | 157 | 250 | 159 |
| 12 | LD cum TypistJr.Steno | 0 | 0 | 1 | 0 | 1 | 0 |
| 13 | Typist | 21 | 0 | 53 | 12 | 74 | 12 |
| 14 | Security guard | 10 | 1 | 66 | 19 | 76 | 20 |
| 15 | Aux Midwife | 0 | 0 | 3 | 0 | 3 | 0 |
| 16 | ANM | 0 | 0 | 1 | 0 | 1 | 0 |
| 17 | Record Assistant | 7 | 3 | 13 | 4 | 20 | 7 |
| 18 | dark Room Assistant | 0 | 0 | 1 | 0 | 1 | 0 |
| 19 | Office sub Ordinate | 48 | 3 | 115 | 47 | 163 | 50 |
| 20 | MNO/FNO | 0 | 0 | 9 | 2 | 9 | 2 |
| 21 | Thoty | 0 | 0 | 1 | 0 | 1 | 0 |
| 22 | Cook | 0 | 0 | 1 | 0 | 1 | 0 |
| 23 | Maternity Assistant/ward Asst | 0 | 0 | 4 | 0 | 4 | 0 |
| 24 | Sweeper | 0 | 0 | 112 | 12 | 112 | 12 |
| 25 | Sanitary Orderly | 0 | 0 | 2 | 1 | 2 | 1 |
| 26 | Sweeper/Gardner/Scavenger | 0 | 0 | 48 | 6 | 48 | 6 |
| 27 | Watchman | 0 | 0 | 87 | 11 | 87 | 11 |
| 28 | Gurkha Watchman(TBHES) | 0 | 0 | 3 | 0 | 3 | 0 |
| 29 | Mazdoor/Women Mazdoor | 0 | 0 | 14 | 16 | 14 | 16 |
| 30 | Ante Malarial/Sanitary Mazdoor | 0 | 0 | 73 | 0 | 73 | 0 |
| 31 | Helper/Server(Canteen) | 0 | 0 | 1 | 1 | 1 | 1 |
| 32 | Head Constable | 8 | 0 | -4 | 0 | 4 | 0 |
| 33 | Police Constable | 0 | 0 | 4 | 0 | 4 | 0 |
| | TECHNICAL TOTAL | 168 | 32 | 1058 | 422 | 1226 | 454 |
| | T O T A L (A+B) | 171 | 34 | 6251 | 2939 | 6422 | 2973 |
| C | OUT SOURCING (TECHNICAL) | 37 | 37 | 1596 | 1596 | 1633 | 1633 |
| | T O T A L C | 37 | 37 | 1596 | 1596 | 1633 | 1633 |
| D | OUT SOURCING (NON-TECHNICAL) | 97 | 97 | 2711 | 2711 | 2808 | 2808 |
| | T O T A L D | 97 | 97 | 2711 | 2711 | 2808 | 2808 |
| | T O T A L (C+D) | 134 | 134 | 4307 | 4307 | 4441 | 4441 |
| | Grand Total | 305 | 168 | 10558 | 7246 | 10863 | 7414 |

10.4a DETAILS OF OTHER THAN WORKMEN IN AP TRANSCO AS ON 31-03-2024 (Sanctioned & Existing)

| S.No. | Cadre | Head Qrs. | | Field | | Total | |
|----------|---|------------|------------|-------------|-------------|-------------|-------------|
| | | Sanctioned | Existing | Sanctioned | Existing | Sanctioned | Existing |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| A | TECHNICAL | | | | | | |
| 1 | Executive Director | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | Chief Engineer/EI including CGM Adm(GENCO)/CE(EI,telecom,civil) | 9 | 9 | 4 | 4 | 13 | 13 |
| 3 | Superintending Engineer | 10 | 10 | 27 | 27 | 37 | 37 |
| 4 | DE / EE | 57 | 53 | 123 | 119 | 180 | 172 |
| 5 | ADE / AEE | 161 | 161 | 594 | 581 | 755 | 742 |
| 6 | AE / AAE | 105 | 60 | 977 | 521 | 1082 | 581 |
| 7 | Sub-Engineer | 1 | 0 | 222 | 16 | 223 | 16 |
| | TOTAL | 343 | 293 | 1947 | 1268 | 2290 | 1561 |
| B | NON-TECHNICAL | | | | | | |
| 1 | FA & CCA | 2 | 2 | 0 | 0 | 2 | 2 |
| 2 | Deputy CCA | 3 | 2 | 0 | 0 | 3 | 2 |
| 3 | Senior Accounts Officer | 9 | 7 | 10 | 7 | 19 | 14 |
| 4 | Accounts Officer | 15 | 6 | 11 | 8 | 26 | 14 |
| 5 | Asst. Accounts Officer | 14 | 14 | 11 | 10 | 25 | 24 |
| 6 | Junior Accounts Officer | 32 | 3 | 43 | 26 | 75 | 29 |
| 7 | Company Secretary | 1 | 0 | 0 | 0 | 1 | 0 |
| 8 | Asst.Manager(Ex-Cadre) | 1 | 0 | 0 | 0 | 1 | 0 |
| 9 | General Manager (Corporate Communications) | 1 | 0 | 0 | 0 | 1 | 0 |
| 10 | Deputy Secretary | 2 | 2 | 0 | 0 | 2 | 2 |
| 11 | Assistant Secretary | 3 | 3 | 2 | 2 | 5 | 5 |
| 12 | Personnel Officer | 18 | 10 | 19 | 7 | 37 | 17 |
| 13 | Sports officer | 1 | 1 | 0 | 0 | 1 | 1 |
| 14 | DSP | 1 | 1 | 0 | 0 | 1 | 1 |
| 15 | Addl.Secretary | 1 | 0 | 0 | 0 | 1 | 0 |
| 16 | Tahasildar & Dy Tahasildar | 1 | 1 | 0 | 0 | 1 | 1 |
| 17 | Divisional .Manager(Ex-Cadre) | 1 | 1 | 0 | 0 | 1 | 1 |
| 18 | Inspector of Police (CI) | 2 | 2 | 0 | 0 | 2 | 2 |
| 19 | Sub Inspector | 3 | 3 | 0 | 0 | 3 | 3 |
| 20 | Head Constable | 2 | 2 | 0 | 0 | 2 | 2 |
| 21 | Police Constable | 2 | 2 | 0 | 0 | 0 | 0 |
| | TOTAL | 115 | 62 | 96 | 60 | 211 | 122 |
| | Grand Total | 458 | 355 | 2043 | 1328 | 2501 | 1683 |

10.4b DETAILS OF WORKMEN IN AP TRANCO AS ON 31-03-2024 (Sanctioned & Existing)

| S.No. | Cadre | Head Qrs. | | Field | | Total | |
|----------|----------------------|------------|-----------|-------------|------------|-------------|------------|
| | | Sanctioned | Existing | Sanctioned | Existing | Sanctioned | Existing |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| A | TECHNICAL | | | | | | |
| 1 | SK Gr-2 | 1 | 0 | 1 | 1 | 2 | 1 |
| 2 | SK Gr-3 | 0 | 0 | 1 | 1 | 1 | 1 |
| 3 | FM Gr-1 | 0 | 0 | 6 | 6 | 6 | 6 |
| 4 | FMD Gr-1 | 0 | 0 | 2 | 0 | 2 | 0 |
| 5 | WI Gr-1 | 0 | 0 | 1 | 1 | 1 | 1 |
| 6 | LI | 0 | 0 | 33 | 27 | 33 | 27 |
| 7 | CF | 0 | 0 | 30 | 21 | 30 | 21 |
| 8 | CF Driver | 0 | 0 | 6 | 2 | 6 | 2 |
| 9 | FMD Gr-4 | 0 | 0 | 2 | 1 | 2 | 1 |
| 10 | FMD | 0 | 0 | 1 | 0 | 1 | 0 |
| 11 | WI Gr-2 | 0 | 0 | 1 | 0 | 1 | 0 |
| 12 | TI Gr-1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 13 | LM | 0 | 0 | 206 | 46 | 206 | 46 |
| 14 | LMD | 2 | 0 | 59 | 4 | 61 | 4 |
| 15 | JLM | 1 | 0 | 1023 | 5 | 1024 | 5 |
| 16 | Electrician | 0 | 0 | 58 | 0 | 58 | 0 |
| 17 | Fitter Gr-1 | 0 | 0 | 32 | 0 | 32 | 0 |
| 18 | Tel Operator | 2 | 0 | 7 | 0 | 9 | 0 |
| 19 | Filter Optr | 0 | 0 | 4 | 0 | 4 | 0 |
| 20 | FM Gr-2 | 0 | 0 | 10 | 5 | 10 | 5 |
| 21 | FMD Gr-2 | 0 | 0 | 3 | 1 | 3 | 1 |
| 22 | WI | 0 | 0 | 14 | 0 | 14 | 0 |
| 23 | WI Gr-3 | 1 | 0 | 0 | 0 | 1 | 0 |
| 24 | TK Gr-1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 25 | Syrang | 0 | 0 | 1 | 0 | 1 | 0 |
| 26 | Tester | 0 | 0 | 3 | 0 | 3 | 0 |
| 27 | ALM | 1 | 0 | 83 | 13 | 84 | 13 |
| 28 | Asst Electr | 0 | 0 | 2 | 0 | 2 | 0 |
| 29 | Fitter | 0 | 0 | 13 | 0 | 13 | 0 |
| 30 | Fitter Gr-2 | 0 | 0 | 1 | 0 | 1 | 0 |
| 31 | Plant Asst | 0 | 0 | 1 | 0 | 1 | 0 |
| | TOTAL | 8 | 0 | 1606 | 134 | 1614 | 134 |
| B | NON-TECHNICAL | | | | | | |
| 1 | PRO | 0 | 0 | 1 | 0 | 1 | 0 |
| 2 | UD Steno | 1 | 0 | 1 | 0 | 2 | 0 |
| 3 | UDRI | 1 | 0 | 0 | 0 | 1 | 0 |
| 4 | Jr.Assistant | 22 | 1 | 76 | 36 | 98 | 37 |
| 5 | LD Steno | 4 | 4 | 138 | 30 | 142 | 34 |
| 6 | Typist Accts | 0 | 0 | 2 | 0 | 2 | 0 |
| 7 | JPO | 5 | 1 | 48 | 1 | 53 | 2 |
| 8 | Sports Off | 41 | 0 | 15 | 1 | 56 | 1 |
| 9 | Sr. Steno | 3 | 0 | 0 | 0 | 3 | 0 |
| 10 | Jr. Steno | 3 | 0 | 0 | 0 | 3 | 0 |
| 11 | Assistant | 22 | 1 | 24 | 4 | 46 | 5 |
| 12 | Typist P&G | 17 | 0 | 15 | 0 | 32 | 0 |
| 13 | Rec Asst | 10 | 4 | 9 | 6 | 19 | 10 |
| 14 | Roneo Optr | 2 | 0 | 6 | 4 | 8 | 4 |
| 15 | Off Subord | 88 | 1 | 128 | 30 | 216 | 31 |
| 16 | PCO | 1 | 0 | 0 | 0 | 1 | 0 |
| | TOTAL | 220 | 12 | 463 | 112 | 683 | 124 |

10.4b DETAILS OF WORKMEN IN AP TRANCO AS ON 31-03-2024 (Sanctioned & Existing)

| S.No. | Cadre | Head Qrs. | | Field | | Total | |
|----------|---|------------|------------|-------------|-------------|-------------|-------------|
| | | Sanctioned | Existing | Sanctioned | Existing | Sanctioned | Existing |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| C | O&M STAFF Sub-Total | | | | | | |
| 1 | Mali (Pro) | 1 | 0 | 0 | 0 | 1 | 0 |
| 2 | Driver (Pro) | 3 | 0 | 0 | 0 | 3 | 0 |
| 3 | Sec Guard | 29 | 0 | 0 | 0 | 29 | 0 |
| 4 | SCF | 0 | 0 | 3 | 1 | 3 | 1 |
| 5 | SSA | 0 | 0 | 1 | 0 | 1 | 0 |
| 6 | Store Asst | 0 | 0 | 3 | 0 | 3 | 0 |
| 7 | Mason Gr-2 | 2 | 0 | 0 | 0 | 2 | 0 |
| 8 | TK | 0 | 0 | 10 | 0 | 10 | 0 |
| 9 | TA | 0 | 0 | 8 | 0 | 8 | 0 |
| 10 | TK Gr-2 | 0 | 0 | 2 | 0 | 2 | 0 |
| 11 | HLP CUM CLR | 2 | 0 | 0 | 0 | 2 | 0 |
| 12 | Cleaner | 2 | 0 | 23 | 0 | 25 | 0 |
| 13 | JLM Driver | 0 | 0 | 2 | 0 | 2 | 0 |
| 14 | Laskar | 0 | 0 | 2 | 0 | 2 | 0 |
| 15 | SWG/SOR | 13 | 0 | 141 | 20 | 154 | 20 |
| 16 | BPO | 2 | 0 | 3 | 1 | 5 | 1 |
| 17 | WM (O&M) | 2 | 0 | 175 | 10 | 177 | 10 |
| 18 | WM (Const) | 2 | 0 | 46 | 0 | 48 | 0 |
| 19 | Gurkha WM | 0 | 0 | 2 | 0 | 2 | 0 |
| 20 | Gunman | 0 | 0 | 7 | 0 | 7 | 0 |
| 21 | Cook Canteen | 1 | 0 | 0 | 0 | 1 | 0 |
| 22 | AstCook Cant | 1 | 0 | 0 | 0 | 1 | 0 |
| 23 | SERV CANTEEN | 0 | 0 | 1 | 0 | 1 | 0 |
| | TOTAL | 60 | 0 | 429 | 32 | 489 | 32 |
| | TOTAL (A+B+C) | 288 | 12 | 2498 | 278 | 2786 | 290 |
| D | OUT SOURCING | | | | | | |
| | Highly Skilled (Techical/Non-Technical) | 11 | 6 | - | 1837 | - | 1843 |
| | Skilled (DEO) | 148 | 122 | - | 2163 | - | 2285 |
| | Un-Skilled (Office Sub-ordinate) | 161 | 145 | - | 1659 | - | 1804 |
| | TOTAL (D) | 320 | 273 | - | 5659 | - | 5932 |
| | Grand Total | 608 | 285 | - | 5937 | - | 6222 |

10.5a DETAILS OF OTHER THAN WORKMEN IN AP DISCOMS AS ON 31-03-2024 (Sanctioned & Existing)

| Sl.no | Cadre | EPDCL | | CPDCL | | SPDCL | | AP DISCOMS Total | |
|-------------------------|--------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|
| | | Sanctioned | Existing | Sanctioned | Existing | Sanctioned | Existing | Sanctioned | Existing |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| A. TECHNICAL | | | | | | | | | |
| 1 | Executive Director | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | Chief Engineer/(CGM) | 9 | 9 | 4 | 3 | 7 | 7 | 20 | 19 |
| 3 | Superintending Engineer/GM | 23 | 23 | 14 | 14 | 20 | 19 | 57 | 56 |
| 4 | DE / EE | 83 | 83 | 58 | 58 | 89 | 86 | 230 | 227 |
| 5 | ADE/Dy.EE | 219 | 216 | 160 | 157 | 235 | 230 | 614 | 603 |
| 6 | AE / AAE | 567 | 428 | 396 | 312 | 643 | 492 | 1606 | 1232 |
| 7 | DGM /IT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | Manager (CSC) | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 9 | Sub-Engineer/JE | 470 | 443 | 333 | 296 | 498 | 477 | 1301 | 1216 |
| 10 | Drafts Man GR-1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| | TOTAL(A) | 1377 | 1208 | 965 | 840 | 1493 | 1312 | 3835 | 3360 |
| B. NON-TECHNICAL | | | | | | | | | |
| 1 | CGM | 2 | 2 | 2 | 2 | 2 | 2 | 6 | 6 |
| 2 | GM | 0 | 0 | 1 | 1 | 6 | 6 | 7 | 7 |
| 3 | GM(Revenue/Accounts/IA/Costing/P&G) | 4 | 4 | 2 | 2 | 4 | 4 | 6 | 6 |
| 4 | GM/HRD | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 1 |
| 5 | SAO | 9 | 9 | 8 | 8 | 7 | 7 | 24 | 24 |
| 6 | AO | 20 | 20 | 10 | 10 | 13 | 13 | 43 | 43 |
| 7 | AAO | 58 | 50 | 46 | 45 | 73 | 73 | 177 | 168 |
| 8 | JAO | 215 | 172 | 162 | 133 | 276 | 211 | 653 | 516 |
| 9 | DGM | 0 | 0 | 3 | 3 | | | 3 | 3 |
| 10 | DGM/Legal Affairs (Out Source) | 0 | 0 | 0 | 0 | | | 0 | 0 |
| 11 | DGM/CC (Out source) | 0 | 0 | 0 | 0 | | | 0 | 0 |
| 12 | JS/HRD | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 13 | DS/GM | 2 | 2 | 0 | 0 | | | 2 | 2 |
| 14 | AS/DGM | 5 | 5 | 0 | 0 | 7 | 7 | 12 | 12 |
| 15 | Personnel Officer | 19 | 18 | 10 | 8 | 14 | 12 | 43 | 38 |
| 16 | Company Secretary | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 3 |
| 17 | Chartered Accountat (Contract Basis) | 0 | 0 | 1 | 1 | | | 1 | 1 |
| 18 | Public Relations Officer | 1 | 1 | 0 | 0 | 1 | 1 | 2 | 2 |
| 19 | Chief Vigilance Officer | 1 | 1 | 0 | 0 | 1 | 1 | 2 | 2 |
| 20 | Inspector of Police | 5 | 5 | 0 | 0 | 5 | 5 | 10 | 10 |
| 21 | Sub-Inspector of Police | 11 | 8 | 0 | 0 | 13 | 10 | 24 | 18 |
| 22 | Law Officer | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 3 |
| | TOTAL (B) | 354 | 299 | 248 | 216 | 421 | 351 | 1023 | 866 |
| | Grand Total | 1731 | 1507 | 1213 | 1056 | 1914 | 1663 | 4858 | 4226 |

| 10.5b DETAILS OF WORKMEN IN AP DISCOMS AS ON 31-03-2024 (Sanctioned & Existing) | | | | | | | | | |
|--|--|------------|----------|------------|----------|------------|----------|------------------|----------|
| Sl.no | Cadre | EPDCL | | CPDCL | | SPDCL | | AP DISCOMS Total | |
| | | Sanctioned | Existing | Sanctioned | Existing | Sanctioned | Existing | Sanctioned | Existing |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| A | TECHNICAL | | | | | | | | |
| 1 | FM GR. I | 56 | 54 | 35 | 21 | 71 | 71 | 162 | 146 |
| 2 | FM GR. II | 9 | 9 | 5 | 2 | 4 | 3 | 18 | 14 |
| 3 | FM Gr-IV | 0 | 0 | 3 | 3 | 2 | 0 | 5 | 3 |
| 4 | FM DRIVER | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 |
| 5 | FM Construction | 0 | 0 | 10 | 10 | 1 | 1 | 11 | 11 |
| 6 | SLI | 42 | 42 | 17 | 15 | 63 | 61 | 122 | 118 |
| 7 | LI | 562 | 555 | 415 | 413 | 734 | 716 | 1711 | 1684 |
| 8 | LM | 1513 | 1481 | 1247 | 1234 | 2366 | 2207 | 5126 | 4922 |
| 9 | LM(SBO Gr.I) | 0 | 0 | 2 | 1 | 73 | 17 | 75 | 18 |
| 10 | ALM | 1750 | 840 | 1623 | 835 | 2288 | 945 | 5661 | 2620 |
| 11 | JLM | 1715 | 156 | 1202 | 103 | 2054 | 199 | 4971 | 458 |
| 12 | SWEEPER/GARDEN ER/SWG/SOR/SCG/S cavenger | 257 | 158 | 123 | 94 | 215 | 179 | 595 | 431 |
| 13 | WATCHMAN/ G.WATCHMAN | 219 | 86 | 128 | 93 | 252 | 152 | 599 | 331 |
| 14 | LMD/DRIVER/LVD | 19 | 7 | 30 | 4 | 0 | 0 | 49 | 11 |
| 15 | HELPER DR./JLMD | 35 | 0 | 29 | 0 | 0 | 0 | 64 | 0 |
| 16 | CLEANER | 1 | 0 | 21 | 1 | 5 | 5 | 27 | 6 |
| 17 | SYRANG GR.I | 14 | 14 | 4 | 4 | 8 | 8 | 26 | 26 |
| 18 | SYRANG GR.II | 4 | 4 | 5 | 5 | 11 | 11 | 20 | 20 |
| 19 | WINDER GR.I | 1 | 1 | 1 | 1 | 2 | 2 | 4 | 4 |
| 20 | WINDER GR.II | 2 | 2 | 2 | 2 | 5 | 4 | 9 | 8 |
| 21 | WINDER GR.III | 2 | 2 | 2 | 0 | 0 | 0 | 4 | 2 |
| 22 | INST. MECHANIC GR.I | 9 | 9 | 8 | 8 | 17 | 17 | 34 | 34 |
| 23 | INST. MECHANIC GR.II | 11 | 11 | 15 | 11 | 17 | 14 | 43 | 36 |
| 24 | INST. MECHANIC GR.III | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| 25 | TESTER GR.I | 23 | 23 | 25 | 25 | 44 | 43 | 92 | 91 |
| 26 | TESTER GR.II | 24 | 23 | 22 | 20 | 44 | 40 | 90 | 83 |
| 27 | FITTER GR.I | 3 | 3 | 1 | 1 | 11 | 10 | 15 | 14 |
| 28 | FITTER GR.II | 3 | 3 | 0 | 0 | 0 | 0 | 3 | 3 |
| 29 | MECHANIC | 5 | 5 | 1 | 0 | 0 | 0 | 6 | 5 |
| 30 | TELEPHONE OPERTC | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 31 | FILTER MECHANIC | 2 | 2 | 1 | 1 | 3 | 3 | 6 | 6 |
| 32 | FILTER OPERATOR | 22 | 22 | 9 | 9 | 26 | 22 | 57 | 53 |
| 33 | LASKER | 2 | 2 | 1 | 0 | 0 | 0 | 3 | 2 |
| 34 | CARPENTER | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| 35 | Part time Contingent | 2 | 1 | 0 | 0 | 0 | 0 | 2 | 1 |
| 36 | Energy Assistants (JLM Gr.II) | 2859 | 2683 | 1910 | 1876 | 0 | 0 | 4769 | 4559 |
| 37 | Electrician | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |

| 10.5b DETAILS OF WORKMEN IN AP DISCOMS AS ON 31-03-2024 (Sanctioned & Existing) | | | | | | | | | |
|--|-------------------------------------|------------|--------------|------------|--------------|------------|--------------|------------------|--------------|
| Sl.no | Cadre | EPDCL | | CPDCL | | SPDCL | | AP DISCOMS Total | |
| | | Sanctioned | Existing | Sanctioned | Existing | Sanctioned | Existing | Sanctioned | Existing |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 38 | Store Helper | 0 | 0 | 2 | 2 | 0 | 0 | 2 | 2 |
| 39 | Blue print Operator/BPJLM | 0 | | 1 | 1 | 0 | 0 | 1 | 1 |
| 42 | JLM(Supernumery) | 0 | 0 | 0 | 0 | 3197 | 3013 | 3197 | 3013 |
| | TOTAL | 9169 | 6200 | 6901 | 4796 | 11515 | 7743 | 27585 | 18739 |
| B | NON-TECHNICAL | | | | | | | | |
| 1 | Sr. Assistant | 625 | 611 | 507 | 504 | 844 | 828 | 1976 | 1943 |
| 2 | UD Steno | 1 | 1 | 2 | 2 | 1 | 1 | 4 | 4 |
| 3 | Jr. Assistant | 1185 | 652 | 939 | 582 | 1632 | 885 | 3756 | 2119 |
| 4 | LD Steno/Jr Steno | 7 | 0 | 4 | 0 | 8 | 0 | 19 | 0 |
| 5 | TYPIST (Accounts/P&G) | 66 | 17 | 32 | 7 | | | 98 | 24 |
| 6 | JPO | 22 | 22 | 10 | 3 | 19 | 19 | 51 | 44 |
| 7 | Asst/ACCO | 5 | 5 | 6 | 2 | 14 | 4 | 25 | 11 |
| 8 | Record Assistant | 64 | 57 | 58 | 45 | 97 | 79 | 219 | 181 |
| 9 | RO | 8 | 4 | 0 | 0 | 0 | 0 | 8 | 4 |
| 10 | Attender / Office Sub-ordinate | 312 | 273 | 212 | 201 | 0 | 0 | 524 | 474 |
| 11 | Head Constable | 11 | 11 | 0 | 0 | 0 | 0 | 11 | 11 |
| 12 | Police Constable | 22 | 21 | 0 | 0 | 0 | 0 | 22 | 21 |
| 13 | S.K.Gr-II | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 14 | RONEO OPERATOR | 0 | 0 | 0 | 0 | 9 | 7 | 9 | 7 |
| 15 | Watchmen | 0 | 0 | 0 | 0 | 5 | 2 | 5 | 2 |
| 16 | SCG | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 |
| 17 | OSO (Supernumery) | 0 | 0 | 0 | 0 | 409 | 370 | 409 | 370 |
| | TOTAL | 2328 | 1674 | 1771 | 1347 | 3040 | 2195 | 7139 | 5216 |
| | TOTAL (A+B) | 11497 | 7874 | 8672 | 6143 | 14555 | 9938 | 34724 | 23955 |
| C | OUT SOURCING (TECHNICAL) | | | | | | | | |
| | Highly Skilled | | 13 | | 0 | | 23 | | 36 |
| | Skilled | | 3851 | | 3712 | | 6545 | | 14108 |
| | Semi Skilled | | 10 | | 0 | | 21 | | 31 |
| | TOTAL C | | 3874 | | 3712 | | 6589 | | 14175 |
| D | OUT SOURCING (NON-TECHNICAL) | | | | | | | | |
| | Skilled | | 461 | | 0 | | 155 | | 616 |
| | Semi Skilled (DEO) | | 111 | | 17 | | 558 | | 686 |
| | Un Skilled | | 235 | | 893 | | 1365 | | 2493 |
| | TOTAL D | | 807 | | 910 | | 1923 | | 3795 |
| | TOTAL (C+D) | | 4681 | | 4622 | | 8512 | | 17970 |
| | Grand Total | | 12555 | | 10765 | | 18450 | | 41925 |

| 10.6 a. Trends of Regular Employee & Employee Cost | | | | | | | | | | |
|--|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Employees (nos) | | | | | | | | | | |
| AP Transco | 2211 | 2172 | 2150 | 2108 | 2102 | 2056 | 2138 | 2068 | 2019 | 1973 |
| AP Genco | 6200 | 5838 | 5838 | 5850 | 5735 | 5629 | 5649 | 5308 | 5429 | 5276 |
| AP EPDCL | 7206 | 7858 | 7871 | 7648 | 7793 | 7608 | 9794 | 9614 | 9534 | 9381 |
| AP CPDCL | AP CPDCL was formed on 01.04.2020 | | | | | | 7451 | 7548 | 7329 | 7199 |
| AP SPDCL | 16638 | 16323 | 15895 | 16104 | 15494 | 15378 | 9631 | 12021 | 11932 | 11601 |
| TOTAL | 32255 | 32191 | 31754 | 31710 | 31124 | 30671 | 34663 | 36559 | 36243 | 35430 |
| Employee Cost (Rs in Cr) | | | | | | | | | | |
| AP Transco | 497.36 | 269.02 | 302.33 | 362.59 | 444.37 | 621.68 | 1043.04 | 936.81 | 932.59 | 571.94 |
| AP Genco | 585.37 | 524.89 | 506.89 | 510.29 | 784.33 | 779.21 | 761.34 | 969.01 | 1082.85 | 1233.71 |
| AP EPDCL | 492.66 | 536.27 | 555.08 | 579.11 | 816.13 | 840.62 | 879.26 | 820.90 | 972.00 | 1263.60 |
| AP CPDCL | AP CPDCL was formed on 01.04.2020 | | | | | | 758.16 | 769.92 | 841.00 | 841.25 |
| AP SPDCL | 1121.06 | 1213.88 | 1353.17 | 1232.18 | 1704.15 | 2044.52 | 2293.75 | 1441.43 | 1609.81 | 1445.51 |
| TOTAL | 2696.45 | 2544.06 | 2717.47 | 2684.17 | 3748.98 | 4286.03 | 5735.55 | 4938.07 | 5438.25 | 5356.01 |

| 10.6.b. Trends of Out Sourcing Employee & Employee Cost | | | | | | | | | | |
|---|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Employees (nos) | | | | | | | | | | |
| AP Transco | 4223 | 4248 | 4516 | 4717 | 5007 | 5988 | 6067 | 5776 | 5842 | 5932 |
| AP Genco | 2912 | 3807 | 4202 | 4255 | 4286 | 4354 | 4432 | 4608 | 4418 | 4732 |
| AP EPDCL | 2876 | 2970 | 3205 | 3533 | 4010 | 4163 | 4269 | 4258 | 4259 | 4681 |
| AP CPDCL | AP CPDCL was formed on 01.04.2020 | | | | | | 4477 | 4413 | 4500 | 4622 |
| AP SPDCL | 6619 | 6785 | 6858 | 7014 | 6763 | 7297 | 6636 | 7801 | 7881 | 8512 |
| TOTAL | 16630 | 17810 | 18781 | 19519 | 20066 | 21802 | 25881 | 26856 | 26900 | 28479 |
| Employee Cost (Rs in Cr) | | | | | | | | | | |
| AP Transco | 87.96 | 103.64 | 108.28 | 120.07 | 189.94 | 202.31 | 203.75 | 202.63 | 196.32 | 237.17 |
| AP Genco | 36.98 | 50.15 | 63.03 | 84.42 | 114.41 | 138.79 | 114.41 | 117.28 | 107.42 | 166.48 |
| AP EPDCL | 32.16 | 41.16 | 62.72 | 73.69 | 128.67 | 133.52 | 137.05 | 136.68 | 137.00 | 117.59 |
| AP CPDCL | AP CPDCL was formed on 01.04.2020 | | | | | | 98.64 | 140.96 | 115.00 | 137.00 |
| AP SPDCL | 97.35 | 131.04 | 146.17 | 175.64 | 233.92 | 288.92 | 160.78 | 239.52 | 249.00 | 289.91 |
| TOTAL | 254.45 | 325.99 | 380.20 | 453.82 | 666.94 | 763.54 | 714.63 | 837.07 | 804.74 | 948.15 |

* The employee cost of APTRANSCO Rs.1043.04 crs for the year 2020-21, which includes an amount of Rs.627.13 Cr towards Pension & Gratuity liability recognised as per the Actuarial valuation report and provision created, as such the net employee cost is Rs.415.91 crs only.

11. ALL INDIA STATISTICS

11.1 All India Region wise Installed Capacity (MW) of Power Stations as on 31-03-2024

| Sl. No | Region | Sector | Thermal | | | | | Nuclear | Renewable | | Total |
|--------|-----------|-----------------|--------------------|-----------------|------------------|---------------|--------------------|-----------------|------------------|--------------------|--------------------|
| | | | Coal | Lignite | Gas | Diesel | Total | | Hydro | RES (MNRE) | |
| 1 | Northern | State | 18985.00 | 250.00 | 2878.90 | 0.00 | 21,013.90 | 0.00 | 6008.25 | 747.70 | 27,769.85 |
| | | Private | 22624.33 | 1080.00 | 772.00 | 0.00 | 23,962.33 | 0.00 | 3241.00 | 37,366.22 | 64,569.55 |
| | | Central | 15341.62 | 250.00 | 2344.06 | 0.00 | 17,842.40 | 1620.00 | 11580.51 | 379.00 | 31,421.91 |
| | | SubTotal | 56950.95 | 1580.00 | 5994.96 | 0.00 | 64,525.91 | 1620.00 | 20,829.76 | 38,492.92 | 1,25,468.59 |
| 2 | Western | State | 21290.00 | 900.00 | 2849.82 | 0.00 | 25,039.82 | 0.00 | 5,446.50 | 602.23 | 31,088.55 |
| | | Private | 31762.17 | 500.00 | 4676.00 | 0.00 | 36,938.17 | 0.00 | 481.00 | 47,440.01 | 84,859.18 |
| | | Central | 21610.42 | 0.00 | 3280.67 | 0.00 | 24,891.09 | 3240.00 | 1,635.00 | 666.30 | 30,432.39 |
| | | SubTotal | 74662.59 | 1400.00 | 10806.49 | 0.00 | 86,869.08 | 3240.00 | 7,562.50 | 48,708.54 | 1,46,380.12 |
| 3 | Southern | State | 22192.50 | 0.00 | 791.98 | 159.96 | 23,144.44 | 0.00 | 11,827.48 | 633.08 | 35,605.00 |
| | | Private | 13572.50 | 250.00 | 5340.24 | 273.70 | 19,436.44 | 0.00 | 0.00 | 52,643.84 | 72,080.28 |
| | | Central | 14129.40 | 3390.00 | 359.58 | 0.00 | 17,878.98 | 3320.00 | 0.00 | 541.90 | 21,740.88 |
| | | SubTotal | 49894.40 | 3640.00 | 6491.80 | 433.66 | 60,459.86 | 3320.00 | 11,827.48 | 53,818.82 | 1,29,426.16 |
| 4 | Eastern | State | 6970.00 | 0.00 | 80.00 | 0.00 | 7,050.00 | 0.00 | 3,550.22 | 278.11 | 10,878.33 |
| | | Private | 5553.00 | 0.00 | 0.00 | 0.00 | 5,553.00 | 0.00 | 209.00 | 1,721.15 | 7,483.15 |
| | | Central | 15989.50 | 0.00 | 0.00 | 0.00 | 15,989.50 | 0.00 | 1,005.20 | 10.00 | 17,004.70 |
| | | SubTotal | 28512.50 | 0.00 | 80.00 | 0.00 | 28,592.50 | 0.00 | 4,764.42 | 2,009.26 | 35,366.18 |
| 5 | N.Eastern | State | 0.00 | 0.00 | 411.36 | 36.00 | 447.36 | 0.00 | 422.00 | 268.75 | 1,138.11 |
| | | Private | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 276.09 | 276.09 |
| | | Central | 949.02 | 0.00 | 1253.60 | 0.00 | 2,202.62 | 0.00 | 1,522.01 | 30.00 | 3,754.63 |
| | | SubTotal | 949.02 | 0.00 | 1664.96 | 36.00 | 2,649.98 | 0.00 | 1,944.01 | 574.84 | 5,168.83 |
| 6 | Island | State | 0.00 | 0.00 | 0.00 | 84.35 | 84.35 | 0.00 | 0.00 | 5.25 | 89.60 |
| | | Private | 0.00 | 0.00 | 0.00 | 35.19 | 35.19 | 0.00 | 0.00 | 29.78 | 64.97 |
| | | Central | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.10 | 5.10 |
| | | SubTotal | 0.00 | 0.00 | 0.00 | 119.54 | 119.54 | 0.00 | 0.00 | 40.13 | 159.67 |
| 7 | All India | State | 69437.50 | 1150.00 | 7012.06 | 280.31 | 77879.87 | 0.00 | 27254.45 | 2535.12 | 1,07,669.44 |
| | | Private | 73512.00 | 1830.00 | 10788.24 | 308.89 | 86439.13 | 0.00 | 3931.00 | 139477.09 | 2,29,847.22 |
| | | Central | 68019.96 | 3640.00 | 7237.91 | 0.00 | 78897.87 | 8180.00 | 15742.72 | 1632.30 | 1,04,452.89 |
| | | Total | 2,10,969.46 | 6,620.00 | 25,038.21 | 589.20 | 2,43,216.87 | 8,180.00 | 46,928.17 | 1,43,644.51 | 4,41,969.55 |

Source: www.cea.nic.in

| 11.2 All India Transformation T&D Losses in % | | |
|--|-------------|-----------------------|
| Sl.No | Year | T&D losses |
| 1 | 2000-01 | 24.5 |
| 2 | 2001-02 | 33.98 |
| 3 | 2002-03 | 32.54 |
| 4 | 2003-04 | 32.53 |
| 5 | 2004-05 | 31.25 |
| 6 | 2005-06 | 30.42 |
| 7 | 2006-07 | 28.65 |
| 8 | 2007-08 | 27.2 |
| 9 | 2008-09 | 25.04 |
| 10 | 2009-10 | 25.39 |
| 11 | 2010-11 | 23.97 |
| 12 | 2011-12 | 23.65 |
| 13 | 2012-13 | 23.04 |
| 14 | 2013-14 | 22.84 |
| 15 | 2014-15 | 22.77 |
| 16 | 2015-16 | 21.81 |
| 17 | 2016-17 | 21.42 |
| 18 | 2017-18 | 21.04 |
| 19 | 2018-19 | 20.66 |
| 20 | 2019-20 | 20.46 |
| 21 | 2020-21 | 20.73 |
| 22 | 2021-22 | 19.27 |
| 23 | 2022-23 | 17.68 |
| 24 | 2023-24 | 17.08 (p) |

Source:cea.nic.in (Energy Statistics India,2025 & General Review))

11.3 ALL INDIA THERMAL STATIONS - PLANT LOAD FACTOR

| Sl.no | Year | PLF(%) |
|-------|---------|--------|
| 1 | 2001-02 | 69.9 |
| 2 | 2002-03 | 72.2 |
| 3 | 2003-04 | 72.7 |
| 4 | 2004-05 | 74.8 |
| 5 | 2005-06 | 74.3 |
| 6 | 2006-07 | 76.8 |
| 7 | 2007-08 | 78.6 |
| 8 | 2008-09 | 77.2 |
| 9 | 2009-10 | 77.68 |
| 10 | 2010-11 | 74.97 |
| 11 | 2011-12 | 73.47 |
| 12 | 2012-13 | 70.13 |
| 13 | 2013-14 | 65.56 |
| 14 | 2014-15 | 64.25 |
| 15 | 2015-16 | 62.24 |
| 16 | 2016-17 | 59.88 |
| 17 | 2017-18 | 60.72 |
| 18 | 2018-19 | 61.07 |
| 19 | 2019-20 | 55.99 |
| 20 | 2020-21 | 54.49 |
| 21 | 2021-22 | 58.87 |
| 22 | 2022-23 | 64.15 |
| 23 | 2023-24 | 72.40 |

* Coal and Lignite based

| Plan Wise Capacity Addition Targets and achievements during Various Plans | | | |
|---|---------------------------------|--------|-------------|
| Sl.No | Plan Period | Target | Achievement |
| 1 | 1st plan (1951-56) | 1300 | 1100 |
| 2 | 2nd plan(1956-61) | 3500 | 2250 |
| 3 | 3rd plan (1961-66) | 7040 | 4520 |
| 4 | Annual plans(1966-69) | 5430 | 4120 |
| 5 | 4th plan(1969-74) | 9264 | 4579 |
| 6 | 5th plan(1974-79) | 12499 | 10202 |
| 7 | Annual plan (1979-80) | 2813 | 1799 |
| 8 | 6th plan(1980-85) | 19666 | 14266 |
| 9 | 7th plan(1985-90) | 22245 | 21401 |
| 10 | Annual plan (1990-91) | 4212 | 2776 |
| 11 | Annual Plan (1991-92) | 3811 | 3027 |
| 12 | 8th plan (1992-97) | 30538 | 16423 |
| 13 | 9th plan (1997-2002) | 40245 | 19119 |
| 14 | 10th plan (2002-2007) | 41110 | 21180 |
| 15 | 1st year of 11th plan (2007-08) | 16335 | 9263 |
| 16 | 2nd year of 11th plan (2008-09) | 7530 | 3454 |
| 17 | 3rd year of 11th plan (2009-10) | 14507 | 9585 |
| 18 | 4th year of 11th plan (2010-11) | 21441 | 12161 |
| 19 | 5th year of 11th plan (2011-12) | 17601 | 20502 |
| 20 | 1st Year of 12th Plan (2012-13) | 17956 | 20623 |
| 21 | 2nd Year of 12th Plan (2013-14) | 11663 | 17825 |
| 22 | 3rd Year of 12th Plan (2014-15) | 17830 | 22566 |
| 23 | 4th Year of 12th Plan (2015-16) | 16894 | 23977 |
| 24 | 5th Year of 12th Plan (2016-17) | 9914 | 14325 |
| 25 | 2017-18 | 13171 | 9505 |
| 26 | 2018-19 | 8106 | 5922 |
| 27 | 2019-20 | 12186 | 7065 |
| 28 | 2020-21 | 11197 | 5436 |
| 29 | 2021-22 | 11478 | 4878 |
| 30 | 2022-23 | 8830 | 1580 |
| 31 | 2023-24 | 18980 | 26131 |

Figures in MW

Source : CEA Report - Executive Summary on Power Sector for the month of March-24

| 11.4 Growth of Transmission sector (As on 31-03-2024) | | |
|--|--------------------|-----------|
| Sl.No | Transmission lines | Total CKM |
| 1 | 765 kV | 54,797 |
| 2 | 400 kV | 2,03,838 |
| 3 | 220kV | 2,07,534 |
| 4 | HVDC Lines | 19,087 |
| TOTAL | | 4,85,256 |

| Sl.No | Sub-Station (MVA) | Total MVA |
|-------|-------------------|-----------|
| 1 | 765 kV | 2,94,700 |
| 2 | 400 kV | 4,58,533 |
| 3 | 220kV | 4,64,347 |
| 4 | HVDC | 34,500 |
| TOTAL | | 12,52,080 |

Source: www.cea.nic.in

11.5 PROGRESS IN RURAL ELECTRIFICATION - ALL INDIA

| S.No. | Year ending March | Villages Electrified (No) | Percentage Electrified (%) | Pump sets Energised (No.) |
|-------|-------------------|---------------------------|----------------------------|---------------------------|
| 1 | 2 | 3 | 4 | 5 |
| 1 | 2001-02 | 5,08,863 | 86.65 | 131,28,155 |
| 2 | 2002-03 | 4,92,325 | 83.83 | 1,37,92,427 |
| 3 | 2003-04 | 4,95,031 | 84.3 | 1,41,15,373 |
| 4 | 2004-05 | 4,39,800 | 74.10 | 1,44,45,014 |
| 5 | 2005-06 | 4,96,365 | 83.60 | 1,48,34,650 |
| 6 | 2006-07 | 4,82,564 | 81.28 | 1,53,50,297 |
| 7 | 2007-08 | 4,88,435 | 82.30 | 1,56,74,673 |
| 8 | 2008-09 | 4,96,365 | 83.60 | 1,62,07,728 |
| 9 | 2009-10 | 4,97,950 | 83.90 | 1,61,93,521 |
| 10 | 2010-11 | 5,37,947 | 90.60 | 1,71,67,631 |
| 11 | 2011-12 | 5,56,633 | 93.80 | 1,81,78,136 |
| 12 | 2012-13 | 559849 | 94.30 | 1,87,07,829 |
| 13 | 2013-14 | 571168 | 95.60 | 1,91,24,383 |
| 14 | 2014-15 | 578957 | 96.90 | 2,01,20,972 |
| 15 | 2015-16 | 586065 | 98.10 | 2,04,34,180 |
| 16 | 2016-17 | 592080 | 98.75 | 2,06,45,608 |
| 17 | 2017-18 | 597121 | 100.00 | 21212860* |
| 18 | 2018-19 | 597464 | 100.00 | 2,12,54,379 |
| 19 | 2019-20 | 597464 | 100.00 | 2,20,44,042 |
| 20 | 2020-21 | 597464 | 100.00 | 2,20,89,217 |
| 21 | 2021-22 | 597464 | 100.00 | 2,66,71,275 |
| 22 | 2022-23 | 597464 | 100.00 | 2,71,63,458 |
| 23 | 2023-24 | 597464 | 100.00 | ■ |

* Pump sets energised are upto end of 12th Plan.

Source: www.cea.nic.in

11.6 PEAK DEMAND AND DEFICIT
Year 2023-24

| State | Peak demand (MW) | Peak met (MW) | Surplus/Deficit (MW) | Surplus/Deficit (%) |
|------------------------------|-------------------------|----------------------|-----------------------------|----------------------------|
| Chandigarh | 237 | 237 | 0 | 0.0 |
| Delhi | 4,482 | 4482 | 0 | 0.0 |
| Haryana | 7747 | 7747 | 0 | 0.0 |
| Himachal Pradesh | 1982 | 1982 | 0 | 0.0 |
| UT of J&K and Ladakh | 2910 | 2910 | 0 | 0.0 |
| Punjab | 10214 | 10214 | 0 | 0.0 |
| Rajasthan | 17030 | 17030 | 0 | 0.0 |
| Uttar Pradesh | 21243 | 21243 | 0 | 0.0 |
| Uttarakhand | 2260 | 2260 | 0 | 0.0 |
| Northern Region | 60002 | 60002 | 0 | 0.0 |
| Chattisgarh | 6148 | 6148 | 0 | 0.0 |
| Gujarat | 21843 | 21843 | 0 | 0.0 |
| Madhya Pradesh | 13594 | 13594 | 0 | 0.0 |
| Maharashtra | 28735 | 28735 | 0 | 0.0 |
| Daman &Diu & Dadar Nagar Hav | 1283 | 1283 | 0 | 0.0 |
| Goa | 767 | 767 | 0 | 0.0 |
| Western Region | 70528 | 70528 | 0 | 0.0 |
| Andhra Pradesh | 13255 | 13255 | 0 | 0.0 |
| Telangana | 15623 | 15623 | 0 | 0.0 |
| Karnataka | 17220 | 17220 | 0 | 0.0 |
| Kerala | 5290 | 5289 | 1 | 0.0 |
| Tamil Nadu | 19054 | 19054 | 0 | 0.0 |
| Pondicherry | 460 | 457 | 3 | 0.7 |
| Lakshadweep # | 12 | 12 | 0 | 0.0 |
| Southern Region | 68094 | 68094 | 0 | 0.0 |
| Bihar | 5758 | 5758 | 0 | 0.0 |
| Damodar Valley Corporation | 3684 | 3624 | 60 | 1.6 |
| Jharkhand | 1893 | 1893 | 0 | 0.0 |
| Orissa | 6127 | 6127 | 0 | 0.0 |
| West Bengal | 10188 | 10167 | 21 | 0.2 |
| Sikkim | 118 | 118 | 0 | 0.0 |
| Andaman-Nicobar # | 65 | 60 | 5 | 7.7 |
| Eastern Region | 23187 | 23187 | 0 | 0.0 |
| Arunachal Pradesh | 177 | 177 | 0 | 0.0 |
| Assam | 1814 | 1782 | 32 | 1.8 |
| Manipur | 226 | 226 | 0 | 0.0 |
| Meghalaya | 398 | 398 | 0 | 0.0 |
| Mizoram | 136 | 136 | 0 | 0.0 |
| Nagaland | 158 | 157 | 1 | 0.6 |
| Tripura* | 288 | 288 | 0 | 0.0 |
| North -Eastern Region | 2915 | 2915 | 0 | 0.0 |
| All India | 221701 | 221684 | 17 | 0.0 |

Note: Power Supply Position Report has been compiled based on the data furnished by StateUtilities/ Electricity Departments

11.7 POWER SUPPLY AND SHORTAGES

Year :2023-24

| State | Requirement (MU) | Availability (MU) | Surplus/Deficit (MU) | Surplus/Deficit (%) |
|----------------------------------|------------------|-------------------|----------------------|---------------------|
| Chandigarh | 1789 | 1789 | 0 | 0.0 |
| Delhi | 35501 | 35496 | -5 | 0.0 |
| Haryana | 63983 | 63636 | -347 | -0.5 |
| Himachal Pradesh | 12805 | 12767 | -38 | -0.3 |
| Jammu & Kashmir | 20040 | 19763 | -277 | -1.4 |
| Punjab | 69533 | 69528 | -5 | 0.0 |
| Rajasthan | 107422 | 106806 | -616 | -0.6 |
| Uttar Pradesh | 148791 | 148287 | -504 | -0.3 |
| Uttarakhand | 15644 | 15532 | -112 | -0.7 |
| Others | 1342 | 1342 | 0 | 0.0 |
| Northern Region | 476850 | 474946 | -1904 | -0.4 |
| Chattisgarh | 39930 | 39872 | -58 | -0.1 |
| Gujarat | 145768 | 145740 | -28 | 0.0 |
| Madhya Pradesh | 99301 | 99150 | -151 | -0.2 |
| Maharashtra | 207108 | 206931 | -177 | -0.1 |
| Goa | 10164 | 10164 | 0 | 0.0 |
| Dadar Nagar Haveli & Daman & Diu | 5111 | 5111 | 0 | 0.0 |
| Others | 10333 | 10333 | 0 | 0.0 |
| Western Region | 517715 | 517301 | -414 | -0.1 |
| Andhra Pradesh | 80209 | 80151 | -58 | -0.1 |
| Telangana | 84623 | 84613 | -10 | 0.0 |
| Karnataka | 94088 | 93934 | -154 | -0.2 |
| Kerala | 30943 | 30938 | -5 | 0.0 |
| Tamil Nadu | 126163 | 126151 | -12 | 0.0 |
| Pondicherry | 3456 | 3455 | -1 | 0.0 |
| Lakshadweep # | 64 | 64 | 0 | 0.0 |
| Others | 49 | 49 | 0 | 0.0 |
| Southern Region | 419595 | 419355 | -240 | -0.1 |
| Bihar | 41514 | 40918 | -596 | -1.4 |
| Damodar Valley Corporation | 26560 | 26552 | -8 | 0.0 |
| Jharkhand | 14408 | 13858 | -550 | -3.8 |
| Orissa | 41358 | 41333 | -25 | -0.1 |
| West Bengal | 67576 | 67490 | -86 | -0.1 |
| Sikkim | 544 | 543 | -1 | -0.2 |
| Andaman-Nicobar # | 386 | 374 | -12 | -3.1 |
| Others | 53 | 53 | 0 | 0.0 |
| Eastern Region | 192399 | 191121 | -1278 | -0.7 |
| Arunachal Pradesh | 1014 | 1014 | 0 | 0.0 |
| Assam | 12445 | 12341 | -104 | -0.8 |
| Manipur | 1023 | 1008 | -15 | -1.5 |
| Meghalaya | 2236 | 2066 | -170 | -7.6 |
| Mizoram | 684 | 684 | 0 | 0.0 |
| Nagaland | 921 | 921 | 0 | 0.0 |
| Tripura | 1691 | 1691 | 0 | 0.0 |
| Others | 8 | 8 | 0 | 0.0 |
| North-Eastern Region | 20022 | 19733 | -289 | -1.4 |
| All India | 1626581 | 1622456 | -4125 | -0.3 |

#Lakshadweep and Andaman-Nicobar Islands are stand alone systems, power supply position of these, does not form part of regional requirement and availability.

Source: www.cea.nic.in

11.8 Per-Capita Consumption in kwh (World Statistics)

| Sl.No | Country | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1 | Canada | 16766 | 16995 | 17053 | 15467 | 15145 | 16406 | 15558 | 15520 | 15544 | 15188 | 14844 | 14273 | 15438 | 15018 | 14760 | 14737 |
| 2 | USA | 13515 | 13616 | 13647 | 12884 | 13361 | 13227 | 12947 | 12987 | 12962 | 12833 | 12825 | 12573 | 13098 | 12744 | 12450 | 12613 |
| 3 | Australia | 11309 | 11216 | 11174 | 11038 | 10063 | 10514 | 10218 | 10067 | 10002 | 9892 | 9911 | 9774 | 9906 | 9897 | 9890 | 9880 |
| 4 | Japan | 8220 | 8475 | 8072 | 7833 | 8399 | 7847 | 7753 | 7836 | 7829 | 7865 | 7974 | 8111 | 8010 | 7935 | 7730 | 7975 |
| 5 | France | 7585 | 7573 | 7703 | 7494 | 7756 | 7318 | 7367 | 7382 | 6955 | 7043 | 7148 | 7209 | 7141 | 7043 | 6630 | 6908 |
| 6 | Germany | 7175 | 7185 | 7148 | 6781 | 7217 | 7083 | 7138 | 7022 | 7035 | 7015 | 6956 | 6947 | 6848 | 6606 | 6330 | 6529 |
| 7 | Korea | 8063 | 8502 | 8853 | 8980 | 9851 | 10162 | 10346 | 10428 | 10564 | 10558 | 10618 | 10564 | 11082 | 10878 | 10810 | 11402 |
| 8 | UK | 6192 | 6142 | 6067 | 5693 | 5741 | 5518 | 5452 | 5409 | 5131 | 5082 | 5033 | 4951 | 4906 | 4750 | 4150 | 4539 |
| 9 | Russia | 6122 | 6338 | 6443 | 6133 | 6460 | 6533 | 6602 | 6562 | 6603 | 6588 | 6715 | 6771 | 6917 | 6954 | 6590 | 7252 |
| 10 | Italy | 5762 | 5718 | 5656 | 5271 | 5384 | 5393 | 5277 | 5124 | 5002 | 5099 | 5081 | 5202 | 5220 | 5207 | 4970 | 5280 |
| 11 | South Africa | 4810 | 5013 | 4770 | 4532 | 4803 | 4694 | 4410 | 4328 | 4240 | 4148 | 4031 | 4004 | 3957 | 3835 | 3540 | 3637 |
| 12 | Brazil | 6060 | 2154 | 2232 | 2201 | 2384 | 2441 | 2509 | 2583 | 2578 | 2516 | 2504 | 2521 | 2570 | 2585 | 2540 | 2663 |
| 13 | China | 2040 | 2346 | 2471 | 2648 | 2942 | 3298 | 3475 | 3766 | 3927 | 4047 | 4279 | 4546 | 4906 | 5119 | 5260 | 5848 |
| 14 | India | 717 | 734 | 779 | 779 | 884 | 819 | 884 | 957 | 1010 | 1075 | 1122 | 1149 | 1181 | 1208 | 1161 | 1255 |
| 15 | World | 2659 | 2752 | 2782 | 2730 | 2892 | 2933 | 2972 | 3026 | 3030 | 3052 | 3110 | 3152 | 3081 | 3260 | 3210 | 3358 |

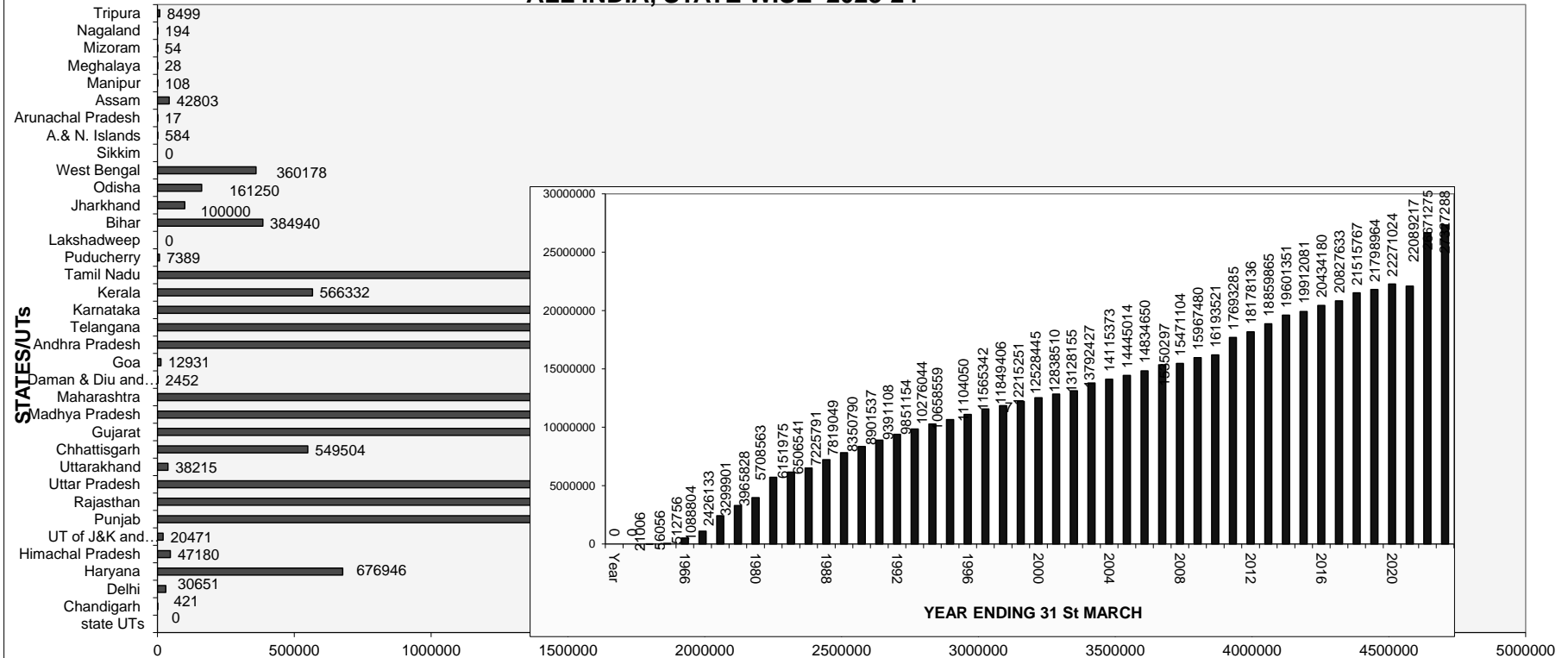
11.9 T&D Losses in (%) (World Statistics)

| Sl.No | Country | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|------------|-------------|-------------|------------|
| 1 | Korea | 3.77 | 3.81 | 3.97 | 4.01 | 3.57 | 3.47 | 3.47 | 3.62 | 3.59 | 3.45 | 3.47 | 3.31 | 3.63 | 3.3 | 3.62 |
| 2 | Japan | 4.80 | 5.16 | 5.23 | 5.04 | 4.98 | 4.79 | 4.87 | 4.56 | 4.3 | 4.51 | 4.04 | 4.54 | 4.75 | 5.1 | 5.26 |
| 3 | Germany | 5.30 | 5.42 | 4.8 | 4.53 | 4.7 | 4.46 | 4.51 | 4.5 | 4.74 | 4.74 | 4.95 | 4.94 | 5.5 | 5.39 | 5.37 |
| 4 | Italy | 6.35 | 6.20 | 6.56 | 6.87 | 6.46 | 6.61 | 6.87 | 6.46 | 6.42 | 6.15 | 6.01 | 5.78 | 6.1 | 6.31 | 6.51 |
| 5 | Australia | 7.86 | 7.36 | 7.37 | 7.27 | 5.94 | 5.68 | 6.69 | 5.4 | 6.33 | 6.02 | 5.89 | 5.92 | 6.05 | 5.16 | 5.82 |
| 6 | South Africa | 9.57 | 10.03 | 11.16 | 11.44 | 9.61 | 10.19 | 9.88 | 9.56 | 9.11 | 9.99 | 9.53 | 9.97 | 12.25 | 13.69 | 12.83 |
| 7 | France | 6.91 | 7.06 | 7.21 | 7.97 | 6.47 | 7.99 | 7.86 | 7.85 | 7.81 | 7.68 | 8.02 | 8.06 | 8.82 | 8.73 | 9.03 |
| 8 | China | 6.83 | 6.32 | 5.58 | 6.45 | 6.54 | 6.56 | 6.52 | 6.17 | 5.77 | 5.59 | 5.46 | 5.27 | 5.11 | 4.74 | 4.3 |
| 9 | USA | 6.53 | 6.06 | 6.68 | 6.86 | 6.41 | 6.73 | 6.32 | 6.31 | 6.33 | 5.81 | 5.68 | 5.13 | 6.37 | 5.24 | 6.36 |
| 10 | Canada | 9.62 | 8.87 | 9.1 | 13.97 | 6.27 | 8.19 | 10.4 | 10.63 | 11.72 | 12.04 | 6.45 | 6.11 | 6.38 | 6.29 | 6.09 |
| 11 | UK | 7.57 | 7.63 | 7.65 | 8.17 | 8.06 | 8.26 | 7.8 | 8.45 | 8.77 | 8.03 | 8.21 | 8.15 | 9.05 | 9.38 | 8.86 |
| 12 | Russia | 13.56 | 13.09 | 13.47 | 14.44 | 12.59 | 12.59 | 12.57 | 12.62 | 12.79 | 12.59 | 12.15 | 11.95 | 13.11 | 12.75 | 12.11 |
| 13 | Brazil | 15.27 | 15.83 | 16.44 | 19.58 | 16.08 | 16.63 | 16.11 | 15.69 | 15.92 | 16.87 | 16.36 | 16.17 | 20.56 | 20.76 | 20.35 |
| 14 | India | 25.47 | 25.39 | 23.97 | 23.65 | 23.97 | 23.65 | 23.04 | 22.77 | 21.81 | 21.42 | 21.04 | 20.66 | 20.46 | 20.73 | 19.27 |
| | World | 9.20 | 8.99 | 9.17 | 9.80 | 8.90 | 8.89 | 8.91 | 9.03 | 8.95 | 8.64 | 8.4 | 8.2 | 8.81 | 7.53 | 7.5 |

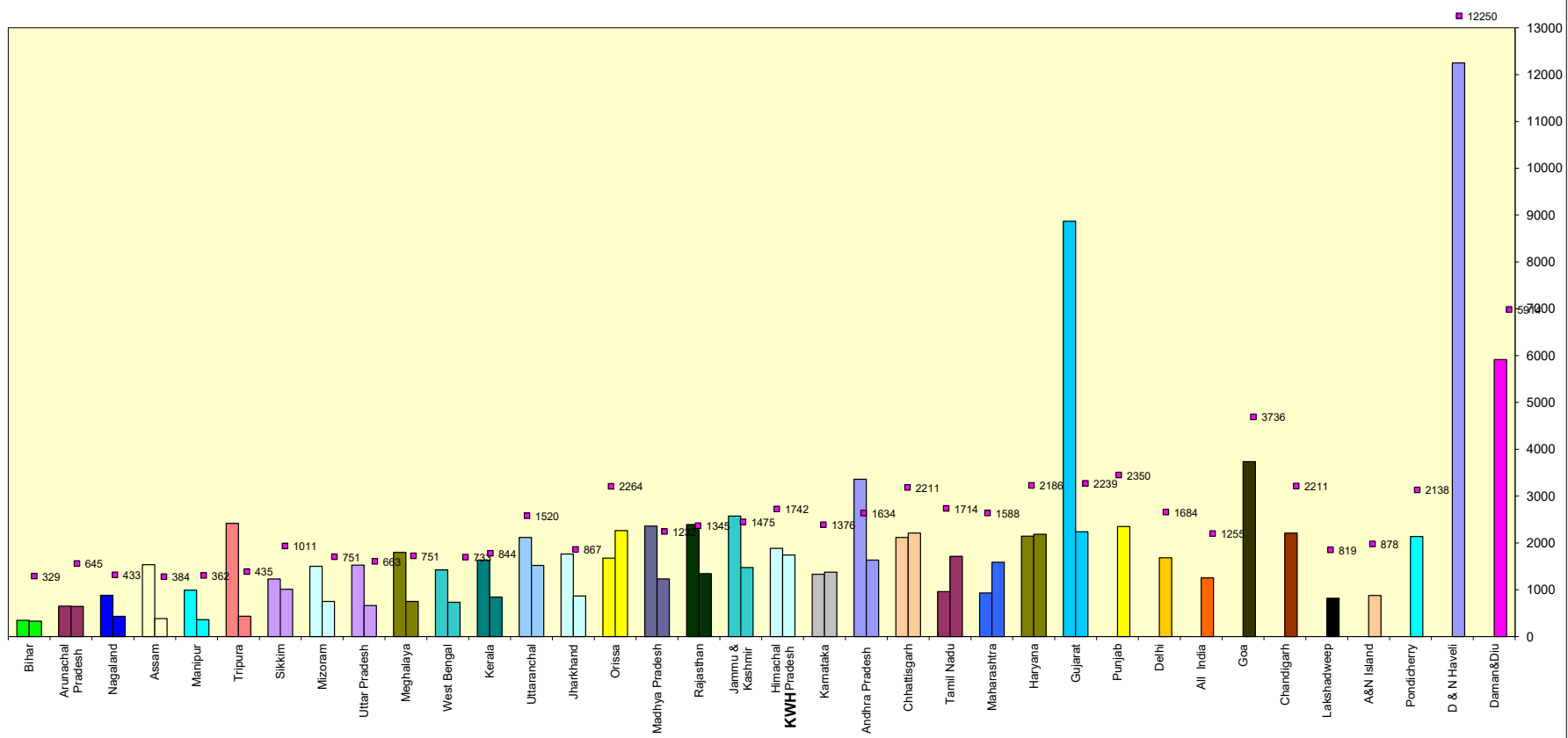
Source : CEA

India data displayed under column 2007 and 2008 correspond to the year 2008-09 and 2009-10

PUMPSETS ENERGISED ALL INDIA, STATE WISE 2023-24



STATE WISE PER CAPITA CONSUMPTION OF ELECTRICITY (Units / kwh)



APPENDIX

APPENDIX - I
SYSTEM DEMAND AND LOAD FACTORS OF A.P.GRID FOR THE YEAR
2023-24

| Sl. No. | Month | Demand Met in MU | Maximum Demand Met in MW | Load factor in % |
|--------------------|--------|------------------|--------------------------|------------------|
| 1 | Apr-23 | 6,997 | 12465 | 77.96 |
| 2 | May-23 | 6,910 | 12445 | 74.63 |
| 3 | Jun-23 | 7,167 | 12795 | 77.80 |
| 4 | Jul-23 | 6,382 | 11372 | 75.43 |
| 5 | Aug-23 | 7,208 | 12254 | 79.06 |
| 6 | Sep-23 | 6,587 | 12198 | 75.00 |
| 7 | Oct-23 | 7,309 | 12892 | 76.21 |
| 8 | Nov-23 | 6,321 | 12044 | 72.89 |
| 9 | Dec-23 | 5,791 | 10869 | 71.61 |
| 10 | Jan-24 | 6,508 | 12081 | 72.41 |
| 11 | Feb-24 | 6,708 | 13081 | 73.68 |
| 12 | Mar-24 | 7,403 | 13127 | 75.80 |
| TOTAL / MAX | | 81,293 | 13127 | |

As per the grid operation data (EX-Bus)

APPENDIX - II
GROWTH OF MAXIMUM DEMAND AND ENERGY CONSUMPTION SINCE
THE FORMATION OF ANDHRA PRADESH GRID

| Sl.No | Year | Maximum Demand (MW) | % Increase in Demand over the preceeding year | Energy consumption (sales) (KWH) | % Increase in Energy over preceeding year |
|-------|-------------------------------------|---------------------|---|----------------------------------|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1. | 1966-67 | 290.2 | -- | 1020849000 | -- |
| 2. | 1967-68 | 357 | 22.67 | 1334288482 | 30.7 |
| 3. | 1968-69 | 440.8 | 23.82 | 1638411589 | 22.8 |
| 4. | 1969-70 | 524.4 | 18.97 | 1921423258 | 17.3 |
| 5. | 1970-71 | 562.1 | 7.19 | 2186209278 | 13.8 |
| 6. | 1971-72 | 630.4 | 13.75 | 2329845282 | 6.6 |
| 7. | 1972-73 | 608.2 | -4.88 | 2272831235 | -6.7 |
| 8. | 1973-74 | 652 | 7.2 | 2479295728 | 14.1 |
| 9. | 1974-75 | 706 | 8.28 | 2575138955 | 3.9 |
| 10. | 1975-76 | 822 | 16.43 | 2794155331 | 8.5 |
| 11. | 1976-77 | 871 | 5.96 | 3433298534 | 22.9 |
| 12. | 1977-78 | 978 | 12.28 | 3782467759 | 10.1 |
| 13. | 1978-79 | 1060 | 8.38 | 4335776979 | 14.6 |
| 14. | 1979-80 | 1055 | (-)0.50 | 4551922878 | 4.99 |
| 15. | 1980-81 | 1281 | 21.42 | 5104691158 | 12.14 |
| 16. | 1981-82 | 1570 | 22.56 | 6095304852 | 19.41 |
| 17. | 1982-83 | 1733 | 10.38 | 7101700277 | 16.51 |
| 18. | 1983-84 | 1743 | 0.57 | 7716681624 | 8.65 |
| 19. | 1984-85 | 2158 | 23.81 | 9230461624 | 19.62 |
| 20. | 1985-86 | 2404 | 11.38 | 10312277228 | 11.72 |
| 21. | 1986-87 | 2665 | 10.86 | 11760919879 | 14.05 |
| 22. | 1987-88 | 2752 | 3.26 | 11669161619 | (-)0.78 |
| 23. | 1988-89 | 3026 | 9.96 | 13050483244 | 11.84 |
| 24. | 1989-90 | 3070 | 1.45 | 14589584658 | 11.79 |
| 25. | 1990-91 | 3465 | 12.87 | 16093096300 | 10.31 |
| 26. | 1991-92 | 3703 | 6.87 | 17750070152 | 10.3 |
| 27. | 1992-93 | 3916 | 5.75 | 19226627211 | 8.32 |
| 28. | 1993-94 | 4170 | 6.49 | 21205973062 | 10.29 |
| 29. | 1994-95 | 4434 | 6.33 | 22934971453 | 8.15 |
| 30. | 1995-96 | 4576 | 3.20 | 23399773651 | 2.03 |
| 31. | 1996-97 | 5022 | 9.75 | ✦ 20984692565 | -10.32 |
| 32. | 1997-98 | 5742 | 14.34 | ✦ 24010636901 | 14.7 |
| 33. | 1998-99 | 6480 | 12.85 | ✦ 25546796457 | 6.40 |
| 34. | 1999-00 | 6684 | 3.15 | 25802628926 | 1.00 |
| 35. | 2000-01 | 7143 | 6.87 | 26975770000 | 4.55 |
| 36. | 2001-02 | 7029 | -1.60 | 29402210000 | 8.99 |
| 37. | 2002-03 | 6895 | -1.91 | 31630770000 | 7.58 |
| 38. | 2003-04 | 7441 | 7.92 | 34445090000 | 8.90 |
| 39. | 2004-05 | 7613 | 2.31 | 40090230000 | 16.39 |
| 40. | 2005-06 | 8239 | 8.22 | 40851410000 | 1.90 |
| 41. | 2006-07 | 8641 | 4.88 | 44850000000 | 9.79 |
| 42. | 2007-08 | 9162 | 6.03 | 48390420000 | 7.89 |
| 43. | 2008-09 | 9997 | 9.11 | 53215360000 | 9.97 |
| 44. | 2009-10 | 10880 | 8.83 | 59118390000 | 11.09 |
| 45. | 2010-11 | 11829 | 8.72 | 62618770000 | 5.92 |
| 46. | 2011-12 | 11972 | 1.21 | 69955051000 | 11.72 |
| 47. | 2012-13 | 11630 | -2.86 | 67604180000 | -3.36 |
| 48. | 2013-14 | 13162 | 13.17 | 73126200000 | 8.17 |
| 49. | 2014-15 upto May 2014 | 12446 | -5.44 | 15560240000 | -78.72 |
| 50. | 2014-15 Residual AP(From June 2016) | 6784 | -48.46 | 40627320000 | -44.44 |
| 51. | 2015-16 | 7391 | 8.95 | 43165026000 | 6.25 |
| 52. | 2016-17 | 7965 | 7.77 | 47177060000 | 9.29 |
| 53. | 2017-18 | 8983 | 12.78 | 49602707000 | 5.14 |
| 54. | 2018-19 | 9453 | 5.23 | 54950350000 | 10.78 |
| 55. | 2019-20 | 10207 | 7.98 | 56116305000 | 2.12 |
| 56. | 2020-21 | 11193 | 9.66 | 52666510000 | -6.15 |
| 57. | 2021-22 | 12032 | 7.50 | 58554550000 | 11.18 |
| 58. | 2022-23 | 12293 | 2.17 | 63824840000 | 9.00 |
| 59. | 2023-24 | 13127 | 6.78 | 71722377000 | 12.37 |

Note : ✦ reconciled figure

% increase in Energy is negative in 2020-21 due to Covid -19

APPENDIX-III

**LENGTH OF 11 KV AND LT LINES AND THE SALE OF POWER PER
KILOMETER OF LENGTH SINCE THE FORMATION OF A.P GRID**

| Sl.No. | At the end of the Year | Length of 11kV (KM) | Length of L.T (KM) | Total Length 11kV and L.T (KM) | Sales per KM of 11kV and LT Lines (KWH/KM) |
|--------|------------------------|---------------------|--------------------|--------------------------------|--|
| 1 | 31-03-1967 | 20068 | 25513 | 45581 | 22396 |
| 2 | 31-03-1968 | 21112 | 28215 | 49327 | 27050 |
| 3 | 31-03-1969 | 25298 | 33863 | 59160 | 28189 |
| 4 | 31-03-1970 | 29221 | 41376 | 70597 | 27217 |
| 5 | 31-03-1971 | 33185 | 49484 | 82669 | 26414 |
| 6 | 31-03-1972 | 36818 | 56089 | 92907 | 25077 |
| 7 | 31-03-1973 | 40754 | 61990 | 102744 | 21150 |
| 8 | 31-03-1974 | 42523 | 65917 | 108440 | 22863 |
| 9 | 31-03-1975 | 43394 | 67609 | 111003 | 23199 |
| 10 | 31-03-1976 | 45517 | 70596 | 116113 | 24064 |
| 11 | 31-03-1977 | 49417 | 77916 | 127333 | 26963 |
| 12 | 31-03-1978 | 53678 | 88888 | 142567 | 25112 |
| 13 | 31-03-1979 | 57472 | 96898 | 154369 | 28087 |
| 14 | 31-03-1980 | 62427 | 106681 | 169108 | 26759 |
| 15 | 31-03-1981 | 67474 | 117430 | 184904 | 27607 |
| 16 | 31-03-1982 | 70853 | 126658 | 197511 | 30861 |
| 17 | 31-03-1983 | 74408 | 137196 | 211604 | 33561 |
| 18 | 31-03-1984 | 78875 | 147087 | 225962 | 34150 |
| 19 | 31-03-1985 | 84387 | 164319 | 248706 | 37114 |
| 20 | 31-03-1986 | 91087 | 183467 | 274554 | 37560 |
| 21 | 31-03-1987 | 96470 | 202588 | 299058 | 39327 |
| 22 | 31-03-1988 | 102979 | 226746 | 329725 | 35390 |
| 23 | 31-03-1989 | 110960 | 246610 | 357571 | 36498 |
| 24 | 31-03-1990 | 117460 | 266020 | 383480 | 38045 |
| 25 | 31-03-1991 | 123467 | 287197 | 410663 | 39188 |
| 26 | 31-03-1992 | 131110 | 311177 | 442287 | 40132 |
| 27 | 31-03-1993 | 137225 | 335984 | 473209 | 40630 |
| 28 | 31-03-1994 | 142901 | 361474 | 504375 | 42321 |
| 29 | 31-03-1995 | 148101 | 382270 | 530371 | 43420 |
| 30 | 31-03-1996 | 150540 | 392787 | 543327 | 43148 |
| 31 | 31-03-1997 | 153408 | 397627 | 551035 | 43785 |
| 32 | 31-03-1998 | 156875 | 404622 | 561497 | 42783 |
| 33 | 31-01-1999 | 160813 | 411673 | 572486 | 36743 |
| 33 | 31-03-1999 | 162087 | 414542 | 576629 | 53199 |
| 34 | 31-03-2000 | 166488 | 424277 | 590765 | 43677 |
| 35 | 31-03-2001 | 169893 | 431711 | 601604 | 44840 |
| 36 | 31-03-2002 | 172882 | 438160 | 611042 | 48118 |
| 37 | 31-03-2003 | 178321 | 467313 | 645633 | 48992 |
| 38 | 31-03-2004 | 186988 | 473928 | 660916 | 51571 |
| 39 | 31-03-2005 | 202547 | 486191 | 688738 | 54618 |
| 40 | 31-03-2006 | 215008 | 504820 | 719829 | 55085 |
| 41 | 31.03.2007 | 224688 | 513166 | 737854 | 60784 |
| 42 | 31.03.2008 | 234148 | 517685 | 751833 | 64284 |
| 43 | 31.03.2009 | 259899 | 527852 | 787751 | 67553 |
| 44 | 31.03.2010 | 260406 | 532656 | 793062 | 74470 |
| 45 | 31.03.2011 | 270167 | 542716 | 812883 | 77033 |
| 46 | 31.03.2012 | 280160 | 551960 | 832119 | 84098 |
| 47 | 31.03.2013 | 290219 | 559840 | 850059 | 79529 |
| 48 | 31.03.2014 | 300931 | 566392 | 867323 | 84313 |
| 49 | 31.03.2015* | 184499 | 288769 | 473268 | 85844 |
| 50 | 31.03.2016 | 192081 | 296983 | 489064 | 88261 |
| 51 | 31.03.2017 | 217701 | 320569 | 538270 | 87646 |
| 52 | 31.03.2018 | 226013 | 327044 | 553057 | 89688 |
| 53 | 31.03.2019 | 235630 | 343678 | 579308 | 94855 |
| 54 | 31.03.2020 | 247890 | 351920 | 599810 | 93557 |
| 55 | 31.03.2021 | 265349 | 365128 | 630477 | 83534 |
| 56 | 31.03.2022 | 274851 | 304117 | 578968 | 101136 |
| 57 | 31.03.2023 | 290793 | 320567 | 611360 | 104398 |
| 58 | 31.03.2024 | 302530 | 333777 | 636307 | 112717 |

* Residual AP

APPENDIX -IV as on 31-3-2024

| Capacity of each Unit in MVA | 400 KV Sub-Stations | | 220 KV Sub-Stations | | 132 KV Sub-Stations | | EHT Substations Total | | 33 KV Sub-Stations | | Grand Total | |
|------------------------------|---------------------|--------------------------|---------------------|--------------------------|---------------------|--------------------------|-----------------------|--------------------------|--------------------|--------------------------|-------------|--------------------------|
| | Numbers | Aggregate Capacity (MVA) | Numbers | Aggregate Capacity (MVA) | Numbers | Aggregate Capacity (MVA) | Numbers | Aggregate Capacity (MVA) | Numbers | Aggregate Capacity (MVA) | Numbers | Aggregate Capacity (MVA) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 8 | 9 | 10 | 11 |
| 500.00 | 9 | 4500.00 | | | | | 9 | 4500.00 | | | 9 | 4500.00 |
| 315.00 | 41 | 12915.00 | | | | | 41 | 12915.00 | | | 41 | 12915.00 |
| 160.00 | 2 | 320.00 | 52 | 8320.00 | | | 54 | 8640.00 | | | 54 | 8640.00 |
| 100.00 | 4 | 400.00 | 131 | 13100.00 | | | 135 | 13500.00 | | | 135 | 13500.00 |
| 80.00 | | | 11 | 880.00 | 12 | 960.00 | 23 | 1840.00 | | | 23 | 1840.00 |
| 60.00 | | | | 0.00 | | | 0 | 0.00 | | | 0 | 0.00 |
| 50.00 | | | 84 | 4200.00 | 132 | 6600.00 | 216 | 10800.00 | | | 216 | 10800.00 |
| 40.00 | | | | | 2 | 80.00 | 2 | 80.00 | | | 2 | 80.00 |
| 31.50 | | | 76 | 2394.00 | 267 | 8410.50 | 343 | 10804.50 | | | 343 | 10804.50 |
| 30.00 | | | | | | 0.00 | 0 | 0.00 | | | 0 | 0.00 |
| 25.00 | | | 31 | 775.00 | 7 | 175.00 | 38 | 950.00 | | | 38 | 950.00 |
| 20.00 | | | | | | 0.00 | 0 | 0.00 | | | 0 | 0.00 |
| 16.00 | | | 10 | 160.00 | 112 | 1792.00 | 122 | 1952.00 | | | 122 | 1952.00 |
| 15.00 | | | 1 | 15.00 | 5 | 75.00 | 6 | 90.00 | | | 6 | 90.00 |
| 12.50 | | | | | | | 0 | 0.00 | 65 | 812.50 | 65 | 812.50 |
| 10.00 | | | | | | 0.00 | 0 | 0.00 | 1471 | 14710.00 | 1471 | 14710.00 |
| 8.00 | | | | | | | 0 | 0.00 | 2 | 16.00 | 2 | 16.00 |
| 7.50 | | | | | | | 0 | 0.00 | 3849 | 28867.50 | 3849 | 28867.50 |
| 5.00 | | | | | | | 0 | 0.00 | 180 | 900.00 | 180 | 900.00 |
| 3.15 | | | | | | | 0 | 0.00 | 5 | 15.75 | 5 | 15.75 |
| 3.00 | | | | | | | 0 | 0.00 | 1 | 3.00 | 1 | 3.00 |
| 1.60 | | | | | | | 0 | 0.00 | 3 | 4.80 | 3 | 4.80 |
| 1.50 | | | | | | | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| 0.50 | | | | | | | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| | 56 | 18135.00 | 396 | 29844.00 | 537 | 18092.50 | 989 | 66071.50 | 5576 | 45329.55 | 6565 | 111401.05 |

APPENDIX -V Voltage wise as on 31-3-2024

| Capacity of each Unit in MVA | 400 /220KV | | 220 /132KV | | 220/33KV | | 220/11KV | | 132/66KV | | 132/33 KV | | 132/11 KV | | 33/11KV | | Total | |
|------------------------------|------------|-----------------|------------|-----------------|-----------|----------------|-----------|----------------|----------|--------------|------------|-----------------|-----------|--------------|-------------|-----------------|-------------|------------------|
| | No's | Capacity MVA | No's | Capacity MVA | No's | Capacity MVA | No's | Capacity MVA | No's | Capacity MVA | No's | Capacity MVA | No's | Capacity MVA | No's | Capacity MVA | No's | Capacity MVA |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 500.00 | 9 | 4500.00 | | | | | | | | | | | | | | | 9 | 4500.00 |
| 315.00 | 41 | 12915.00 | | | | | | | | | | | | | | | 41 | 12915.00 |
| 160.00 | 2 | 320.00 | 52 | 8320.00 | | | | | | | | | | | | | 54 | 8640.00 |
| 100.00 | 4 | 400.00 | 131 | 13100.00 | | | | | | | | | | | | | 135 | 13500.00 |
| 80.00 | | | | | 2 | 160.00 | | | | | 21 | 1680.00 | | | | | 23 | 1840.00 |
| 60.00 | | | | | | | | | | | | | | | | | 0 | 0.00 |
| 50.00 | | | | | 18 | 900.00 | 4 | 200.00 | | | 194 | 9700.00 | | | | | 216 | 10800.00 |
| 40.00 | | | | | | | | | 2 | 80.00 | | | | | | | 2 | 80.00 |
| 31.50 | | | | | 10 | 315.00 | 6 | 189.00 | | | 327 | 10300.50 | | | | | 343 | 10804.50 |
| 30.00 | | | | | | | | | | | | | | | | | 0 | 0.00 |
| 25.00 | | | | | | | 28 | 700.00 | | | 8 | 200.00 | 2 | 50.00 | | | 38 | 950.00 |
| 16.00 | | | | | | | | | | | 117 | 1872.00 | 5 | 80.00 | | | 122 | 1952.00 |
| 15.00 | | | | | | | | | | | 6 | 90.00 | | | | | 6 | 90.00 |
| 12.50 | | | | | | | | | | | | | | | 65 | 812.50 | 65 | 812.50 |
| 10.00 | | | | | | | | | | | | | | | 1471 | 14710.00 | 1471 | 14710.00 |
| 8.00 | | | | | | | | | | | | | | | 2 | 16.00 | 2 | 16.00 |
| 7.50 | | | | | | | | | | | | | | | 3849 | 28867.50 | 3849 | 28867.50 |
| 5.00 | | | | | | | | | | | | | | | 180 | 900.00 | 180 | 900.00 |
| 3.15 | | | | | | | | | | | | | | | 5 | 15.75 | 5 | 15.75 |
| 3.00 | | | | | | | | | | | | | | | 1 | 3.00 | 1 | 3.00 |
| 1.60 | | | | | | | | | | | | | | | 3 | 4.80 | 3 | 4.80 |
| 1.50 | | | | | | | | | | | | | | | 0 | 0.00 | 0 | 0.00 |
| 0.50 | | | | | | | | | | | | | | | 0 | 0.00 | 0 | 0.00 |
| | 56 | 18135.00 | 183 | 21420.00 | 30 | 1375.00 | 38 | 1089.00 | 2 | 80.00 | 673 | 23842.50 | 7 | 130 | 5576 | 45329.55 | 6565 | 111401.05 |

APPENDIX - VI DISTRIBUTION TRANSFORMERS AS ON 31-3-2024

| Sl. No | Name of the Circle | Quantity in Numbers (Capacity wise kVA) 1-Phase | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total Nos. | Total Capacity in KVA | | | | | |
|--------|--------------------|---|------|-----|-----|-----|-----|-----|------|-----|------|-----|-------|-----|-----|--------|-----|-------|------|-------|--------|--------|-------|---------------|----------|----|----|------|-------|------------|-----------------------|------|--------|---------|---------|----------|
| | | 1500 | 1000 | 750 | 630 | 600 | 500 | 400 | 315 | 300 | 250 | 200 | 160 | 150 | 125 | 100 | 75 | 63 | 50 | 40 | 25 | 16 | 15 | Total 3 Phase | Capacity | 75 | 50 | 25 | 16 | | | 15 | 10 | 5 | Total | Capacity |
| 1 | Srikakulam | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 9 | 6 | 355 | 0 | 0 | 2576 | 8 | 2556 | 26 | 1412 | 4492 | 4873 | 0 | 16317 | 728971 | 0 | 0 | 74 | 2847 | 6352 | 10 | 3 | 9286 | 142797 | 25603 | 871768 |
| 2 | Vizianagaram | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 17 | 3 | 612 | 0 | 0 | 3617 | 11 | 3871 | 33 | 1741 | 6087 | 7057 | 0 | 23073 | 1053105 | 0 | 0 | 0 | 2270 | 5731 | 81 | 7 | 8089 | 123130 | 31162 | 1176235 |
| 3 | Visakhapatnam | 0 | 0 | 0 | 0 | 0 | 667 | 2 | 752 | 0 | 60 | 3 | 2924 | 0 | 0 | 9035 | 17 | 6146 | 30 | 3932 | 7750 | 13722 | 0 | 45040 | 2918675 | 0 | 0 | 0 | 0 | 7521 | 105 | 36 | 7662 | 114045 | 52702 | 3032720 |
| 4 | East Godavari | 0 | 0 | 0 | 0 | 0 | 37 | 2 | 96 | 0 | 95 | 12 | 1860 | 0 | 0 | 11447 | 73 | 7857 | 183 | 8963 | 15263 | 15295 | 697 | 61880 | 3022876 | 0 | 0 | 0 | 8432 | 13798 | 352 | 46 | 22628 | 345632 | 84508 | 3368508 |
| 5 | West Godavari | 0 | 0 | 0 | 0 | 0 | 14 | 6 | 81 | 0 | 65 | 13 | 1837 | 0 | 0 | 10586 | 61 | 11914 | 166 | 20927 | 33628 | 25884 | 2 | 105184 | 4261696 | 0 | 0 | 0 | 6278 | 12257 | 188 | 97 | 18820 | 286668 | 124004 | 4548364 |
| | EPDCL Total | 0 | 0 | 0 | 0 | 0 | 719 | 10 | 956 | 0 | 246 | 37 | 7588 | 0 | 0 | 37261 | 170 | 32344 | 438 | 36975 | 67220 | 66831 | 699 | 251494 | 11985323 | 0 | 0 | 74 | 19827 | 45659 | 736 | 189 | 66485 | 1012272 | 317979 | 12987595 |
| 6 | Krishna | 0 | 0 | 0 | 0 | 0 | 15 | | 731 | | 250 | 22 | 3204 | 0 | 0 | 13367 | 115 | 11002 | 293 | 624 | 41998 | 9168 | 0 | 80789 | 4092004 | 0 | 30 | 47 | 5222 | 12577 | 232 | 541 | 18649 | 279907 | 99438 | 4371911 |
| 7 | Guntur | 0 | 0 | 0 | 0 | 0 | 58 | 0 | 387 | 1 | 188 | 14 | 1611 | 2 | 0 | 8689 | 65 | 5748 | 145 | 346 | 38451 | 13682 | 0 | 69387 | 2896241 | 0 | 0 | 0 | 0 | 11036 | 80 | 249 | 11365 | 167585 | 80752 | 3063826 |
| | CRDA | 1 | 4 | 0 | 0 | 0 | 23 | 0 | 199 | 0 | 46 | 3 | 457 | 1 | 1 | 2445 | 26 | 1203 | 35 | 47 | 2431 | 1565 | 0 | 8487 | 576864 | 0 | 0 | 0 | 0 | 2580 | 22 | 65 | 2667 | 39245 | 11154 | 616109 |
| 8 | Ongole | 0 | 1 | 0 | 0 | 0 | 15 | 9 | 130 | 0 | 85 | 12 | 913 | 1 | 1 | 6897 | 22 | 5330 | 19 | 129 | 63920 | 16961 | 525 | 94970 | 3133556 | 0 | 0 | 57 | 4701 | 10330 | 363 | 405 | 15856 | 237246 | 110826 | 3370802 |
| | CPDCL Total | 1 | 5 | 0 | 0 | 0 | 111 | 9 | 1447 | 1 | 569 | 51 | 6185 | 4 | 2 | 31398 | 228 | 23283 | 492 | 1146 | 146800 | 41376 | 525 | 253633 | 10698665 | 0 | 30 | 104 | 9923 | 36523 | 697 | 1260 | 48537 | 723983 | 302170 | 11422648 |
| 9 | Nellore | | 1 | | | | 12 | 3 | 298 | | 155 | 13 | 1640 | | | 8711 | 13 | 7188 | 27 | 160 | 38904 | 27395 | 1542 | 86062 | 3172539 | 5 | 10 | 776 | 3299 | 11182 | 352 | 551 | 16175 | 247564 | 102237 | 3420103 |
| 10 | Tirupati | | 15 | | 55 | | 45 | 2 | 434 | | 123 | 19 | 1345 | 2 | | 6000 | 42 | 2731 | 33 | 195 | 82137 | 36488 | 12418 | 142084 | 4067866 | 1 | 10 | 204 | 3537 | 14872 | 1376 | 561 | 20561 | 301912 | 162645 | 4369778 |
| 11 | Kadapa | | | | | | 11 | 1 | 118 | | 87 | 6 | 1000 | 3 | | 5651 | 6 | 2160 | 23 | 287 | 77908 | 44102 | 948 | 132311 | 3608282 | 2 | 12 | 433 | 3970 | 9209 | 588 | 433 | 14647 | 221275 | 146958 | 3829557 |
| 12 | Anantapur | | | | | | 8 | | 70 | | 43 | 9 | 962 | | | 6432 | 82 | 3723 | 169 | 61 | 131584 | 33146 | 13 | 176302 | 4907440 | | 4 | 1280 | 2804 | 8911 | 4954 | 1 | 17954 | 260274 | 194256 | 5167714 |
| 13 | Kurnool | | | | | | 3 | 1 | 177 | | 61 | 13 | 1545 | | | 5486 | 12 | 4440 | 73 | 154 | 73792 | 11733 | | 97490 | 3194263 | 5 | 13 | 1964 | 2324 | 8371 | 4469 | 4 | 17150 | 257584 | 114640 | 3451847 |
| | SPDCL Total | 0 | 16 | 0 | 49 | 3 | 79 | 7 | 1097 | 0 | 469 | 60 | 6492 | 5 | 0 | 32280 | 155 | 20242 | 325 | 857 | 404325 | 152864 | 14921 | 634249 | 18950390 | 13 | 49 | 4657 | 15934 | 52545 | 11739 | 1550 | 86487 | 1288109 | 720736 | 20238999 |
| | STATE TOTAL | 1 | 21 | 0 | 49 | 3 | 909 | 26 | 3500 | 1 | 1284 | 148 | 20265 | 9 | 2 | 100939 | 553 | 75869 | 1255 | 38978 | 618345 | 261071 | 16145 | 1139376 | 41632398 | 13 | 79 | 4835 | 45684 | 134727 | 13172 | 2999 | 201509 | 3024364 | 1340885 | 44659242 |

APPENDIX - VII

DISTRIBUTION TRANSFORMERS AND LT SALES PER KVA SINCE THE FORMATION OF A.P GRID

| Sl.No. | As on | Distribution Transformers | | LT Sales Per KVA |
|--------|-------------|---------------------------|--------------------------|------------------|
| | | Numbers | Aggregate Capacity (KVA) | |
| 1. | 31-03-1967 | 9908 | 723451 | 594 |
| 2. | 31-03-1968 | 10150 | 790395 | 724 |
| 3. | 31-03-1969 | 12363 | 878844 | 801 |
| 4. | 31-03-1970 | 16001 | 1119665 | 661 |
| 5. | 31-03-1971 | 18133 | 1244102 | 721 |
| 6. | 31-03-1972 | 19969 | 1380806 | 755 |
| 7. | 31-03-1973 | 21566 | 1504455 | 677 |
| 8. | 31-03-1974 | 22599 | 1567741 | 709 |
| 9. | 31-03-1975 | 23447 | 1633197 | 812 |
| 10. | 31-03-1976 | 24462 | 1700665 | 730 |
| 11. | 31-03-1977 | 26901 | 1870457 | 801 |
| 12. | 31-03-1978 | 29003 | 1008590 | 807 |
| 13. | 31-03-1979 | 31628 | 2197944 | 813 |
| 14. | 31-03-1980 | 34701 | 2462459 | 832 |
| 15. | 31-03-1981 | 36527 | 2679845 | 809 |
| 16. | 31-03-1982 | 40158 | 2889603 | 809 |
| 17. | 31-03-1983 | 42977 | 3135032 | 951 |
| 18. | 31-03-1984 | 45599 | 3365645 | 997 |
| 19. | 31-03-1985 | 48724 | 3632018 | 1213 |
| 20. | 31-03-1986 | 53830 | 3974146 | 1227 |
| 21. | 31-03-1987 | 59468 | 4540297 | 1305 |
| 22. | 31-03-1988 | 66167 | 5115938 | 1320 |
| 23. | 31-03-1989 | 73683 | 5702859 | 1328 |
| 24. | 31-03-1990 | 80419 | 6206140 | 1402 |
| 25. | 31-03-1991 | 88054 | 6740590 | 1486 |
| 26. | 31-03-1992 | 101327 | 7627137 | 1457 |
| 27. | 31-03-1993 | 112067 | 8361787 | 1503 |
| 28. | 31-03-1994 | 119672 | 9061445 | 1566 |
| 29. | 31-03-1995 | 131654 | 10119758 | 1598 |
| 30. | 31-03-1996 | 141795 | 10766559 | 1560 |
| 31. | 31-03-1997 | 148024 | 11575559 | 1210 |
| 32. | 31-03-1998 | 160003 | 12407646 | 1334 |
| 33. | 31-03-1999 | 171150 | 13304994 | 1380 |
| 34. | 31-03-2000 | 186237 | 14350113 | 1323 |
| 35. | 31-03-2001 | 201801 | 15408003 | 1330 |
| 36. | 31-03-2002 | 213800 | 16411039 | 1384 |
| 37. | 31-03-2003 | 242668 | 17763390 | 1322 |
| 38. | 31-03-2004 | 323033 | 19976710 | 1232 |
| 39. | 31-03-2005 | 405937 | 22425651 | 1179 |
| 40. | 31-03-2006 | 474959 | 24483835 | 1117 |
| 41. | 31-03-2007 | 519365 | 26024668 | 1182 |
| 42. | 31-03-2008 | 580721 | 28155518 | 1114 |
| 43. | 31-03-2009 | 672426 | 30574412 | 1139 |
| 43. | 31-03-2010 | 737544 | 32570874 | 1191 |
| 44. | 31-03-2011 | 811108 | 34379264 | 1145 |
| 45. | 31-03-2012 | 894581 | 36981530 | 1190 |
| 46. | 31-03-2013 | 972047 | 40042448 | 1089 |
| 47. | 31-03-2014 | 1032863 | 42401657 | 1093 |
| 48. | 31-03-2015* | 620891 | 22256175 | 1116 |
| 49. | 31-03-2016 | 635055 | 22976155 | 1187 |
| 50. | 31-03-2017 | 814078 | 28226951 | 1069 |
| 51. | 31.03.2018 | 875547 | 29671777 | 1047 |
| 52. | 31.03.2019 | 949799 | 31862055 | 1074 |
| 53. | 31.03.2020 | 1020639 | 35856048 | 993 |
| 54. | 31.03.2021 | 1128324 | 37213518 | 902 |
| 55. | 31.03.2022 | 1199722 | 39049432 | 912 |
| 56. | 31.03.2023 | 1269069 | 41989531 | 898 |
| 57. | 31.03.2024 | 1340885 | 44659242 | 973 |

* From 2015 the data is for Residual AP

APPENDIX - VIII

SERVICES AND CONNECTED LOAD AS ON 31-03-2024 (with including R.E.S.CO-OPERATIVES Services)

| S.No. | District | Unit | Domestic Supply | Commercial Supply | Industrial | Institutional | Agricultural including RESCOs | Total (LT) (4 to 8) | Total H.T | Total H.T + L.T |
|--------------------|----------------------------------|------|-----------------|-------------------|----------------|---------------|-------------------------------|---------------------|----------------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| EPDCL | | | | | | | | | | |
| 1 | SRIKAKULAM | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 20274 | 5639 | 43 | 1642 | 3048 | 30646 | 45 | 30691 |
| b) | Services as on 31-03-2024 | Nos. | 728584 | 71120 | 2533 | 22510 | 35107 | 859854 | 484 | 860338 |
| c) | Connected Load as on 31-03-2024 | KW | 470121 | 152835.18 | 134387 | 39893.72 | 171540.76 | 968778 | 227266 | 1196043 |
| 2 | VIZIANAGARAM | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 23439 | 5813 | 41 | 1746 | 3072 | 34111 | 53 | 34164 |
| b) | Services as on 31-03-2024 | Nos. | 771453 | 77997 | 2948 | 20097 | 55615 | 928110 | 419 | 928529 |
| c) | Connected Load as on 31-03-2024 | KW | 705946 | 181314.42 | 128879 | 40319.39 | 258913.88 | 1315373 | 442450 | 1757823 |
| 3 | VISAKHAPATNAM | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 55698 | 11242 | 77 | 935 | 1800 | 69752 | 134 | 69886 |
| b) | Services as on 31-03-2024 | Nos. | 1548097 | 174475 | 4640 | 31816 | 50720 | 1809748 | 1783 | 1811531 |
| c) | Connected Load as on 31-03-2024 | KW | 2385888 | 645900.27 | 221494 | 82979.04 | 286666.40 | 3622928 | 1764118 | 5387046 |
| 4 | EAST GODAVARI | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 59887 | 13825 | 110 | 2447 | 2921 | 79190 | 82 | 79272 |
| b) | Services as on 31-03-2024 | Nos. | 1679603 | 195649 | 6309 | 41570 | 56030 | 1979161 | 1298 | 1980459 |
| c) | Connected Load as on 31-03-2024 | KW | 1858825 | 503163.68 | 304522 | 97622.08 | 1017614.43 | 3781748 | 707987 | 4489735 |
| 5 | WEST GODAVARI | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 44112 | 10039 | 76 | 1034 | 3999 | 59260 | 63 | 59323 |
| b) | Services as on 31-03-2024 | Nos. | 1291831 | 158290 | 4518 | 31503 | 111082 | 1597224 | 952 | 1598176 |
| c) | Connected Load as on 31-03-2024 | KW | 1644632 | 406556.35 | 259763 | 89091.47 | 2246350.33 | 4646393 | 625652 | 5272045 |
| TOTAL EPDCL | | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 203410 | 46558 | 347 | 7804 | 14840 | 272959 | 377 | 273336 |
| b) | Services as on 31-03-2024 | Nos. | 6019568 | 677531 | 20948 | 147496 | 308554 | 7174097 | 4936 | 7179033 |
| c) | Connected Load as on 31-03-2024 | KW | 7065413 | 1889770 | 1049046 | 349906 | 3981086 | 14335220 | 3767473 | 18102693 |
| 6 | KRISHNA | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 52324 | 10907 | 127 | 848 | 7142 | 71348 | 84 | 71432 |
| b) | Services as on 31-03-2024 | Nos. | 1510253 | 192320 | 7003 | 28045 | 141021 | 1878642 | 1732 | 1880374 |
| c) | Connected Load as on 31-03-2024 | KW | 2714228 | 624423 | 132298 | 89750 | 987439 | 4548138 | 580165 | 5128303 |
| 7 | GUNTUR | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 43070 | 10494 | 96 | 705 | 5782 | 60147 | 71 | 60218 |
| b) | Services as on 31-03-2024 | Nos. | 1255677 | 151308 | 5041 | 22377 | 123335 | 1557738 | 1275 | 1559013 |
| c) | Connected Load as on 31-03-2024 | KW | 1809454 | 427236 | 137852 | 72429 | 576008 | 3022979 | 497049 | 3520028 |
| CRDA | | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 18114 | 2669 | 180 | 210 | 594 | 21767 | 27 | 21794 |
| b) | Services as on 31-03-2024 | Nos. | 367568 | 36920 | 1532 | 6020 | 9650 | 421690 | 562 | 422252 |
| c) | Connected Load as on 31-03-2024 | KW | 516739 | 101159 | 37425 | 20215 | 29086 | 704624 | 290393 | 995017 |
| 8 | PRAKASAM | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 32807 | 8153 | 115 | 701 | 10030 | 51806 | 85 | 51891 |
| b) | Services as on 31-03-2024 | Nos. | 1009387 | 102612 | 5694 | 19573 | 215856 | 1353122 | 1221 | 1354343 |
| c) | Connected Load as on 31-03-2024 | KW | 1088552 | 245712 | 175892 | 53118 | 919738 | 2483012 | 375792 | 2858804 |
| TOTAL CPDCL | | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 146315 | 32223 | 518 | 2464 | 23548 | 205068 | 267 | 205335 |
| b) | Services as on 31-03-2024 | Nos. | 4142885 | 483160 | 19270 | 76015 | 489862 | 5211192 | 4790 | 5215982 |
| c) | Connected Load as on 31-03-2024 | KW | 6128973 | 1398530 | 483467 | 235512 | 2512271 | 10758753 | 1743399 | 12502152 |

| S.No. | District | Unit | Domestic Supply | Commercial Supply | Industrial | Institutional | Agricultural including RESCOs | Total (LT) (4 to 8) | Total H.T | Total H.T + L.T |
|----------------------------|----------------------------------|------|-----------------|-------------------|----------------|----------------|-------------------------------|---------------------|----------------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 9 | NELLORE | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 31987 | 8320 | 224 | 5291 | 3568 | 49390 | 52 | 49442 |
| b) | Services as on 31-03-2024 | Nos. | 1196886 | 133907 | 8767 | 30629 | 251622 | 1621811 | 1167 | 1622978 |
| c) | Connected Load as on 31-03-2024 | KW | 1270753 | 596621 | 222128 | 242318 | 1737951 | 4069771 | 714329 | 4784099 |
| 10 | CHITTOOR | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 47133 | 11653 | 773 | 1900 | 5600 | 67059 | 121 | 67180 |
| b) | Services as on 31-03-2024 | Nos. | 1507696 | 179511 | 21694 | 50606 | 355088 | 2114595 | 2013 | 2116608 |
| c) | Connected Load as on 31-03-2024 | KW | 1820588 | 802064 | 343375 | 384969 | 2307686 | 5658682 | 1166305 | 6824987 |
| 11 | KADAPA | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 29740 | 7149 | 41 | 1275 | 5061 | 43266 | 60 | 43326 |
| b) | Services as on 31-03-2024 | Nos. | 968983 | 109438 | 7731 | 31456 | 186727 | 1304335 | 889 | 1305224 |
| c) | Connected Load as on 31-03-2024 | KW | 1054180 | 460847 | 212747 | 251571 | 1609703 | 3589048 | 518690 | 4107738 |
| 12 | ANANTAPUR | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 37489 | 5056 | 50 | 713 | 8012 | 51320 | 52 | 51372 |
| b) | Services as on 31-03-2024 | Nos. | 1314419 | 145091 | 16346 | 30484 | 351985 | 1858325 | 1188 | 1859513 |
| c) | Connected Load as on 31-03-2024 | KW | 827487 | 695132 | 305855 | 291516 | 2472309 | 4592298 | 1052497 | 5644796 |
| 13 | KURNOOL | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 35186 | 6521 | 396 | 2076 | 8775 | 52954 | 45 | 52999 |
| b) | Services as on 31-03-2024 | Nos. | 1261175 | 150225 | 11414 | 26269 | 223521 | 1672604 | 1023 | 1673627 |
| c) | Connected Load as on 31-03-2024 | KW | 842320 | 701430 | 341381 | 283124 | 1379824 | 3548079 | 977811 | 4525890 |
| TOTAL (SPDCL) | | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 181535 | 38699 | 1484 | 11255 | 31016 | 263989 | 330 | 264319 |
| b) | Services as on 31-03-2024 | Nos. | 6249159 | 718172 | 65952 | 169444 | 1368943 | 8571670 | 6280 | 8577950 |
| c) | Connected Load as on 31-03-2024 | KW | 5815329 | 3256093 | 1425486 | 1453498 | 9507473 | 21457879 | 4429631 | 25887510 |
| TOTAL FOR A.P.STATE | | | | | | | | | | |
| a) | Services released during 2023-24 | Nos. | 531260 | 117480 | 2349 | 21523 | 69404 | 742016 | 974 | 742990 |
| b) | Services as on 31-03-2024 | Nos. | 16411612 | 1878863 | 106170 | 392955 | 2167359 | 20956959 | 16006 | 20972965 |
| c) | Connected Load as on 31-03-2024 | KW | 19009715 | 6544393 | 2957999 | 2038915 | 16000830 | 46551852 | 9940503 | 56492355 |

APPENDIX IX- CATEGORY-WISE SERVICES AS ON 31.3.2024
(with R.E.S.CO-OPERATIVES Services)

| S.No. | DISTRICT | L.T.CATEGORY | | | | | | H.T. | TOTAL |
|----------------------------|----------------------|-----------------|----------------|---------------|---------------|----------------|-----------------|--------------|-----------------|
| | | I | II | III | IV | V | Total LT | | |
| 1 | SRIKAKULAM | 728584 | 71120 | 2533 | 22510 | 35107 | 859854 | 484 | 860338 |
| 2 | VIZIANAGARAM | 771453 | 77997 | 2948 | 20097 | 55615 | 928110 | 419 | 928529 |
| 3 | VISAKHAPATNAM | 1548097 | 174475 | 4640 | 31816 | 50720 | 1809748 | 1783 | 1811531 |
| 4 | EAST GODAVARI | 1679603 | 195649 | 6309 | 41570 | 56030 | 1979161 | 1298 | 1980459 |
| 5 | WEST GODAVARI | 1291831 | 158290 | 4518 | 31503 | 111082 | 1597224 | 952 | 1598176 |
| TOTAL APEPDCL | | 6019568 | 677531 | 20948 | 147496 | 308554 | 7174097 | 4936 | 7179033 |
| 6 | KRISHNA | 1510253 | 192320 | 7003 | 28045 | 141021 | 1878642 | 1732 | 1880374 |
| 7 | GUNTUR | 1255677 | 151308 | 5041 | 22377 | 123335 | 1557738 | 1275 | 1559013 |
| | CRDA | 367568 | 36920 | 1532 | 6020 | 9650 | 421690 | 562 | 422252 |
| 8 | PRAKASAM | 1009387 | 102612 | 5694 | 19573 | 215856 | 1353122 | 1221 | 1354343 |
| TOTAL APCPDCL | | 4142885 | 483160 | 19270 | 76015 | 489862 | 5211192 | 4790 | 5215982 |
| 9 | NELLORE | 1196886 | 133907 | 8767 | 30629 | 251622 | 1621811 | 1167 | 1622978 |
| 10 | CHITTOOR | 1507696 | 179511 | 22094 | 50606 | 355088 | 2114995 | 2013 | 2117008 |
| 11 | KADAPA | 968983 | 109438 | 7656 | 31456 | 186727 | 1304260 | 889 | 1305149 |
| 12 | ANANTAPUR | 1314419 | 145091 | 16021 | 30484 | 351985 | 1858000 | 1188 | 1859188 |
| 13 | KURNOOL | 1261175 | 150225 | 11414 | 26269 | 223521 | 1672604 | 1023 | 1673627 |
| | TOTAL APSPDCL | 6249159 | 718172 | 65952 | 169444 | 1368943 | 8571670 | 6280 | 8577950 |
| TOTAL FOR A.P.STATE | | 16411612 | 1878863 | 106170 | 392955 | 2167359 | 20956959 | 16006 | 20972965 |

APPENDIX -X
DISCOM - WISE ENERGY SALES
DURING 2023-24 (MU) LT & HT

| Category | Units (MU) | Revenue Realised (Rs. Crs) | Average Realisation Rs./kwh |
|--|-----------------|----------------------------------|-----------------------------------|
| LT | | | |
| Domestic | 18595.26 | 8819.66 | 4.74 |
| Non-domestic | 3822.34 | 4110.52 | 10.75 |
| Industrial | 1464.31 | 1344.73 | 9.18 |
| Institutional/STLs CAT.IV | 5722.70 | 1711.86 | 2.99 |
| Agriculture, LIS , Aqua, Poultry etc., | 13862.93 | 11459.36 | 8.27 |
| Total LT | 43467.54 | 27446.13 | 6.31 |
| HT | | | |
| Towships & Colonies CAT.I | 73.54 | 58.51 | 7.96 |
| Commercial Cat.II & Others | 2103.05 | 2316.88 | 11.02 |
| General Industries - Cat.III | 21186.15 | 15662.33 | 7.39 |
| Institutional (Religious,Rly.,PWS) Cat.IV | 2989.96 | 2470.82 | 8.26 |
| Agriculture | 1385.11 | 1068.08 | 7.71 |
| RESCOs | 517.03 | 141.80 | 2.74 |
| Total HT | 28254.84 | 21718.42 | 7.69 |
| Total LT + HT | 71722.38 | 49164.55 | 6.85 |

APPENDIX XI

Percapita consumption All figures in Kwh (Units)
(In K.W.H.) (PROVISIONAL)

| Sl. No | District | 2022-23 | | | | 2023-24 | | | |
|--------|---------------|----------|--------------|--|----------------|----------|--------------|--|----------------|
| | | Domestic | Agricultural | Industrial (Including cottage and H.T) | All Categories | Domestic | Agricultural | Industrial (Including cottage and H.T) | All Categories |
| 1 | Srikakulam | 214 | 36 | 196 | 570 | 213 | 57 | 156 | 546 |
| 2 | Vizianagaram | 220 | 52 | 820 | 1227 | 252 | 85 | 779 | 1273 |
| 3 | Visakhapatnam | 379 | 41 | 1214 | 1961 | 413 | 53 | 1274 | 2108 |
| 4 | East Godavari | 348 | 188 | 253 | 944 | 375 | 217 | 242 | 1015 |
| 5 | West Godavari | 363 | 602 | 292 | 1412 | 389 | 683 | 289 | 1569 |
| 6 | Krishna | 450 | 291 | 226 | 1268 | 473 | 347 | 257 | 1279 |
| 7 | Guntur | 399 | 134 | 266 | 934 | 382 | 190 | 226 | 967 |
| 8 | Prakasam | 281 | 305 | 224 | 740 | 295 | 342 | 241 | 994 |
| 9 | Nellore | 402 | 379 | 605 | 1459 | 438 | 462 | 628 | 1608 |
| 10 | Chittoor | 288 | 327 | 689 | 1482 | 313 | 492 | 720 | 1728 |
| 11 | Cuddapah | 316 | 380 | 488 | 1245 | 331 | 612 | 488 | 1498 |
| 12 | Anantapur | 222 | 567 | 638 | 1477 | 238 | 849 | 650 | 1794 |
| 13 | Kurnool | 260 | 427 | 368 | 1108 | 280 | 533 | 391 | 1262 |

APPENDIX - XII

SCHEMewise CAPITAL OUTLAY - APTRANSCO FOR FY 2023-24

(Rs. in Crores)

| Sl. No. | Scheme Code | Description | Approved Amount |
|---------|-------------|---|-----------------|
| 1 | AG-16-06 | Augmentation of PTR Capacity at EHT SS, MS.No.359 | 88.330 |
| 2 | AG-16-13 | Augmentation PTRs 4 SSs- KDP Zone - WB 363, Dt:18.01.17 | |
| 3 | PE-12-03 | Wind Power Evacuation PH-II Anantapur, Kadapa, Kurnool district | |
| 4 | RM-22-02 | Renovation & Up gradation under PSDF – II | |
| 5 | SI-15-04 | 132/33KV SS at Kadivedu, Nellore district | |
| 6 | SI-15-25 | 400KV SS at Rachagunneri & other EHT SS | |
| 7 | SI-15-28 | 132/33 KV SS at Penumur, Chittoor district | |
| 8 | SI-16-08 | 132/33KV SS at East Gangavaram, Prakasam district | |
| 9 | SI-16-14 | 132/33KV SS Gollapalem | |
| 10 | SI-16-18 | 132/33KV SS at Satellite City Kadapa district | |
| 11 | SI-17-17 | Erection of 220KV&132KV SS under VCIC | |
| 12 | AG-18-01 | Augmentation of PTRs at 10 Nos. SSs, MS.NO.747 | 13.89 |
| 13 | AG-22-05 | Augmentation of PTRs TOO.Ms.No.2417, Dt.07.04.22. | |
| 14 | AG-22-06 | Augmentation of PTRs TOO.MS.NO.2413, Dt.06.04.22 | |
| 15 | AG-22-07 | Augmentation of PTRs TOO.MS.NO.2442, Dt.04.05.22 | |
| 16 | AG-22-09 | Augmentation of PTRs TOO.MS.NO.2445, Dt.09.05.22 | |
| 17 | SI-11-01 | 132/33KV G.Chodavaram SS & Lines | |
| 18 | SI-12-07 | 400KV Garividi SS, Vizianagaram District | |
| 19 | SI-14-03 | 132/33KV SS at Salur, Vizianagaram District | |
| 20 | SI-15-33 | 132/33 KV features at 220KV SS Rajampeta | |
| 21 | SI-16-05 | 132/33KV GIS SS at Moghalrajpuram District | |
| 22 | SI-17-20 | Erection of 132/33KV Ulavapadu SS, Prakasam District | |
| 23 | SI-18-03 | 132KV & 33KV features at 220/11KVSS Ramavaram | |
| 24 | SI-18-18 | 220/33KV GIS at Neelapadu, CRDA, Guntur District | |
| 25 | AG-14-09 | Augmentation of PTR CE Trans TOO MS.NO.194 | 88.330 |
| 26 | AG-16-01 | Augmentation of PTR MS.No.88(REV-988,8-11-2018) | |
| 27 | AG-16-03 | Augmentation of PTR at Vijayawada & Kadapa zones MS.NO.119 | |
| 28 | AG-16-04 | 1 No 500 MVA Transformer at 400KV Kalpaka | |
| 29 | AG-16-05 | AG-16-05 | |
| 30 | AG-16-09 | Augmentation of PTR capacity at EHT SS, MS.NO.369 | |
| 31 | AG-16-10 | Augmentation of PTR capacity in Visakhapatnam zone - WB TOO 358 | |
| 32 | AG-16-11 | Augmentation of PTRs at Visakhapatnam zone - WB TOO 357 | |
| 33 | AG-16-12 | Augmentation at 7 EHT SSs in Vijayawada zone- WB TOO361 | |
| 34 | AG-17-03 | Augmentation of PTR at 8 Nos. EHT SSs, MS.NO.684 | |
| 35 | AG-17-04 | 8 Nos. Augmentation PTRs-3 Zones -TOO 600, Dt:31.10.17 | |
| 36 | AG-17-05 | Augmentation of 4 th 500MVA PTR at 400KV Manubolu | |
| 37 | AG-18-02 | Augmentation of PTRs TOO.Ms.No.2157, Dt.26.04.21 | |
| 38 | AG-18-03 | 400KV Augmentation Sch-VIII (3rd 500MVA at Maradam district) | |
| 39 | AG-19-01 | Augmentation of PTRs TOO.Ms.No.1141, Dt.02.04.2019. | |
| 40 | AG-19-02 | Augmentation of PTRs TOO.Ms.No.1226, Dt.22.08.2019. | |
| 41 | AG-19-03 | Augmentation of PTR-TOO.Ms.No.1227, Dt.27.08.2019 | |
| 42 | AG-19-04 | Augmentation of PTRs TOO.Ms.No.1288, Dt 15-11-2019 | |
| 43 | AG-19-05 | Augmentation of PTRs TOO MSNO1289, Dt:15.11.2019 | |
| 44 | AG-19-06 | Augmentation of PTRs TOO.Ms.No.1290, Dt.15-11-19 | |
| 45 | AG-19-07 | Augmentation of PTR - TOO.Ms.No.1291, Dt.15.11.19 | |
| 46 | AG-19-08 | Augmentation of PTR - TOO.Ms.No.1292, Dt.15.11.19 | |
| 47 | AG-19-09 | Augmentation of PTR 400KV Vemagiri- 1st 500 MVA PTR | |
| 48 | AG-19-10 | Augmentation of PTRs TOO.Ms.No.1316, Dt.17-12-2019 | |
| 49 | AG-19-11 | Augmentation of PTR TOO(R).No.1958, Dt:20.10.2020 | |
| 50 | AG-19-13 | Augmentation of PTR in Kadapa circle 1324 | |
| 51 | AG-19-14 | Augmentation of PTR-TOO.Ms.No.1348, Dt.17.01.2020 | |
| 52 | AG-19-15 | Augmentation of PTR-TOO.Ms.No.1360, Dt.29.01.2020 | |
| 53 | AG-19-16 | Augmentation of PTR at 220KV SS K.Kota 3 rd 160MVA | |
| 54 | AG-19-18 | Augmentation of PTR at Chintalapudi - REV.2229 | |
| 55 | AG-19-19 | Augmentation of PTRS-revised TOO.2898, old TOO.1411 | |
| 56 | AG-20-02 | Augmentation of PTR 132KV K.Kota TOO.1637, Dt:07.05.2020 | |
| 57 | AG-20-03 | Augmentation of PTR revised TOO.886, Dt:10.07.2023 | |
| 58 | AG-20-04 | Augmentation of PTRs TOO.Ms.No.1875, Dt:17.07.2020 | |
| 59 | AG-20-05 | Augmentation of PTRs revised TOO.No.2276, Dt:18.10.2021 | |

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| 60 | AG-20-06 | Augmentation of PTR at Parawda REV T.O.O.2293 |
| 61 | AG-20-07 | Augmentation of PTR at Srikakulam.REV.3058, Dt:06.12.2023 |
| 62 | AG-20-09 | Augmentation of PTRs revised TOO.No.2402, Dt:29.03.2022 |
| 63 | AG-20-11 | Augmentation at 132KV SS Chirala (TOO MS.No.2408) |
| 64 | AG-20-13 | Augmentation of PTR at Yernagudem-REVTOO.3063, Dt:08.12.2023 |
| 65 | AG-20-14 | Augmentation of PTRs revised TOO.3259, Dt:29.04.2024 |
| 66 | AG-21-02 | Augmentation of PTR at 220KV Madanapalli SS-TOO.2147 |
| 67 | AG-21-06 | Augmentation of PTRs TOO.NO.MS.No.2405, Dt:29.03.2022 |
| 68 | AG-22-01 | Augmentation NRPETA TOO.MS.No.2403, Dt.29.03.2022 |
| 69 | AG-22-02 | Augmentation of PTRs TOO.MS.No.2409, Dt.30.03.2022 |
| 70 | AG-22-04 | Augmentation of PTRs TOO.MS.No.2418, Dt.07.04.2022 |
| 71 | AG-22-12 | Augmentation of PTRs TOO.MS.No.2422, Dt.11.04.2022 |
| 72 | AG-22-15 | Augmentation Of PTR@ Rachaganneri, TOO.2656, Dt:05.01.2023 |
| 73 | AG-22-16 | Augmentation of PTR @Maradam.TOO.2619, Dt.30.11.2022 |
| 74 | AG-22-18 | Augmentation of PTR's TOO.MS.No.2663, Dt.12.01.2023 |
| 75 | AG-22-20 | Augmentation of PTR's TOO.MS.No.2716, Dt.25.02.2023 |
| 76 | AG-22-22 | Augmentation of PTR'S TOO.MS.No.2748, Dt.21.03.2023 |
| 77 | AG-22-24 | Augmentation at 220KV YGTL T.O.O.2578, Dt.11.10.2022 |
| 78 | AG-22-27 | Augmentation at 220KV PLMNR T.O.O.2626, Dt: 06.12.2022 |
| 79 | AG-22-28 | Augmentation works in Kadapa zone @ MS.NO.2761 |
| 80 | AG-22-29 | Augmentation at Tadipatri MS.2664, Dt:12.01.2023 |
| 81 | AG-22-31 | Augmentation PTR at Kuppam TOO.2628, Dt:08.12.2022 |
| 82 | AG-22-32 | Augmentation at Pulivendula TOO.2633, Dt:12.12.2022 |
| 83 | AG-22-33 | Erection of 3 rd 50MVA PTR at Yemmiganur district |
| 84 | AG-22-35 | Augmentation of PTR.TOO.2714, Dt:25.02.2023 |
| 85 | AG-22-36 | Augmentation of PTR TOO.MS.NO.2627, Dt:06.12.2023 |
| 86 | AG-23-02 | Augmentation of PTRs TOO.MS.NO.2786, Dt:19.04.2023 |
| 87 | AG-23-03 | Augmentation of PTRs TOO.MS.NO.2789, DT:20.04.2023 |
| 88 | IT-16-01 | Implementation of SAP ERP-AP TUNES |
| 89 | PE-12-01 | PE HNPCL Power Evacuation and TR scheme |
| 90 | PE-12-02 | PE Wind Power Evacuation Anatapur, Kadapa and Kurnool District |
| 91 | PE-12-04 | Rayalaseema (STAGE-IV) Power TRANS. Scheme |
| 92 | PE-16-02 | 500MW Solar Power Project - APGENCO, Anatapur District |
| 93 | PE-18-01 | 960MW Hydal Power Project at Polavaram District |
| 94 | PE-22-01 | Evacuation 660MW SEMBCORP Energy Limited Nellore District |
| 95 | RM-16-01 | RMI works of 2016-2017 CETRANS.MS.NO:308 |
| 96 | RM-17-01 | RMI works of 2017-18 CETRANS.MS.NO:560 |
| 97 | RM-18-01 | RMI works of 2018-19 CETRANS.MS.NO:913 |
| 98 | RM-19-01 | RMI works FY 2019-20 CETRANS.Ms.No:1273 |
| 99 | RM-22-01 | RMI works FY 2022-23 CE/TR.REVMS.No:3134 |
| 100 | SI-10-07 | 132/33KV SS at Narayanapuram, West Godavari district |
| 101 | SI-10-10 | 132/33KV SS at Biccavolu, East Godavari District |
| 102 | SI-10-12 | 132/33 KV SS at Veldurthy, Guntur District |
| 103 | SI-10-21 | 132/33 KV SS Darsi and Lines |
| 104 | SI-11-06 | 132/33 KV SS at Yernagudem, West Godavari District |
| 105 | SI-11-09 | 132/33 KV SS at V.KOTA, Chittoor District |
| 106 | SI-11-14 | 132/33KV SS at Amarapuram, Anantapur District |
| 107 | SI-12-03 | 220 KV DC line from Gunadala to Nunna |
| 108 | SI-12-15 | 132/33 KV SS at Pachikapallam, Chittoor districts |
| 109 | SI-12-17 | 220/132KV SS at Dharmavaram, Anantapur District |
| 110 | SI-13-02 | Erection of 220KV,132KV lines & 2 nd circuit string |
| 111 | SI-13-03 | 132/33KV SS at Chodavaram, Visakhapatnam District |
| 112 | SI-13-04 | 220/132KV SS at Guntur in Guntur district |
| 113 | SI-13-05 | 2nd circuit string of Markapur- Cumbum line |
| 114 | SI-13-07 | 132/33KV SS at C.Orampadu, kadapa district |
| 115 | SI-13-08 | 132/33KV Ramasamudram SS, Chittoor District |
| 116 | SI-14-01 | 132/33KV SS at Vinjamur, Nellore District |
| 117 | SI-14-04 | 132/33KVSS at Srikakulam town, Srikakulam District |
| 118 | SI-14-07 | 400/220KV SS at Podili, Prakasam District |
| 119 | SI-14-09 | 125 MVAR bus reactor at VMG & KPLK |
| 120 | SI-15-02 | 132/33KV SS at Koruturu, Nellore District |
| 121 | SI-15-05 | 220/132KV SS at Atmakur in Nellore District |
| 122 | SI-15-06 | 132/33KV SS at Kallurpalli, Nellore District |
| 123 | SI-15-07 | 132/33KV SS at katrayapadu, Nellore District |

| | | |
|-----|----------|--|
| 124 | SI-15-09 | 132/33KV SS at Paderu, Visakhapatnam District |
| 125 | SI-15-10 | 220/132/33KV SS at Duvva, West Godavari District |
| 126 | SI-15-14 | 132/33KV SS at Ponnuru in Guntur District |
| 127 | SI-15-19 | 132/33KV Anumalapalle SS, Prakasam District |
| 128 | SI-15-21 | LILO of Cumbum - Yerragonda Palem line to Kesineni |
| 129 | SI-15-22 | 132/33 KV SS at Kalasapadu, Kadapa District |
| 130 | SI-15-23 | 220/132KV SS at Kuppam Chittoor District |
| 131 | SI-15-24 | 132/33 KV SS at Kothapalli (Gudipala) |
| 132 | SI-15-26 | 400/220KV SS at Kalikiri, Chittoor District |
| 133 | SI-15-27 | 2 nd Circuit string of Sullurpet - Cherivi Line |
| 134 | SI-15-29 | 132/33 KV SS at Taticherla, Ananthapur District |
| 135 | SI-15-31 | 220/132/33 KV SS Pydibhimavaram |
| 136 | SI-15-32 | 132/33KV SS Mummidivaram & Lines |
| 137 | SI-16-03 | 132/33KV SS at Mylavaram, Krishna District |
| 138 | SI-16-04 | 132/33KV SS at Bantumilli, Krishna District |
| 139 | SI-16-06 | 220/132/33KV SS at Racharlapadu, Nellore |
| 140 | SI-16-07 | 132/33KV Chinnarikatla SS, Prakasam District |
| 141 | SI-16-11 | Erection of 132/33 KV SS T.Sundupalli |
| 142 | SI-16-16 | 33KV features at Boksampalli 220 KV SS |
| 143 | SI-16-17 | 33KV features at Nagalapuram SW |
| 144 | SI-16-22 | 400/220 KV Gudivada SS & connected line |
| 145 | SI-16-24 | Erection of 220/132 kV GIS SS Lingayapalem |
| 146 | SI-16-25 | Erection of 132/33 KV SS Gottiprolu in NLR |
| 147 | SI-16-26 | 132/33KV Mangalam SS & connected lines, |
| 148 | SI-16-27 | 132/33 KV SS at Palasamudram |
| 149 | SI-16-28 | 33KV features at 132/33KV Madakasira SS |
| 150 | SI-16-31 | EHT lines to Bantumilli SS (REC funding) |
| 151 | SI-17-03 | Upgradation of 132KV TO 220KV-Piduguralla SS |
| 152 | SI-17-06 | 132/33kV SS AIIMS at Mangalagiri |
| 153 | SI-17-07 | 125 MVAR bus reactors at Chittoor, SATTE |
| 154 | SI-17-13 | Erection of 132/33kV SS at Kothapatnam |
| 155 | SI-17-14 | Upgradation 132/33KVSS Simhachalam-220/132KV |
| 156 | SI-17-15 | Erection of 132/33KV SS at Elchuru |
| 157 | SI-17-18 | 220KV DC Line from 400KV K.Kota-Bhimadole |
| 158 | SI-17-22 | Erection of 33kV FEAT.AT 220/11kV Krishnagir |
| 159 | SI-17-23 | Erection of 33kV FET.AT 220/11kV Nansuralla |
| 160 | SI-17-25 | Tadikonda-Marripalem LILO to Gujjanagund |
| 161 | SI-17-26 | 220 KV DC Line Lower sileru – Rampachodavarm & BA |
| 162 | SI-18-01 | Erection of 400 GIS ss at Thallayapalem |
| 163 | SI-18-02 | 220/33kV SS at Chinturu in East Godavari |
| 164 | SI-18-04 | 33KV feature 220/33kV Bavojipeta(Korukonda) |
| 165 | SI-18-05 | Erection of 220/33kV SS Akiveedu in West Godavari |
| 166 | SI-18-06 | 33KV features at 220/11KV SS Pattiseema |
| 167 | SI-18-07 | 33kV features at 220/11kV LIS SS Purushothapatnam East Godavari District |
| 168 | SI-18-08 | LILO of 220Kv Tadikonda-Ongole SC line |
| 169 | SI-18-09 | 132/33KV SS Gampalagudem in Krishna District |
| 170 | SI-18-11 | 33 KV feature at 220/132KV SS Bobbili growth |
| 171 | SI-18-12 | Upgradation of 132/33KV Tadepalli SS to 220KV SS |
| 172 | SI-18-15 | 132kV Chilakallu-Nandigama DC/SC line |
| 173 | SI-18-16 | LILO of existing 132kV Bhimadole-Nidadav |
| 174 | SI-18-19 | 132/33kV SS Kotturu in Srikakulam Distri |
| 175 | SI-18-20 | Erection of 132/33KV SS Dharmajigudem in W |
| 176 | SI-18-21 | Erection of 132/33KV SS Dwaraka Tirumala W |
| 177 | SI-18-22 | R/O LYNX COND with HTLS-GDL-Autonagar |
| 178 | SI-18-25 | 2nd Circuit from 132KV Medarametla to Addanki |
| 179 | SI-18-26 | 2nd Circuit from 220 KV Podili - Lingasamudram |
| 180 | SI-18-27 | 2nd Circuit string from 220KV Podili-Darsi SS |
| 181 | SI-18-28 | 2nd Circuit on 132KV Repalle-Chakrayapalem |
| 182 | SI-18-29 | 2nd Circuit on 132KV Repalle-Bapatla DC/SCLN |
| 183 | SI-18-30 | 2nd Circuit from 132kV Gudur-Chendodu DC/SC I |
| 184 | SI-18-32 | 2nd Circuit on Madanaplli-Burrakayalakota LN |
| 185 | SI-18-34 | 2nd Circuit on Nagiri-Nagalapuram DC/SC LN |
| 186 | SI-18-35 | 2nd Circuit on Kalikiri-Rompicherla DC/SC LN |

| | | | |
|-----|----------|---|---------------|
| 187 | SI-18-37 | 2nd Circuit on 132kV Sambepalli-Gurramkonda | |
| 188 | SI-18-38 | 2nd Circuit on 132KV Tadikonda-Gujanagundla | |
| 189 | SI-18-40 | Interlinking of Nawalwharf-Malkapuram SS | |
| 190 | SI-18-42 | 2nd Circuit from 132 KV SS Nuzividu-Khambampad | |
| 191 | SI-18-43 | 2nd Circuit from 132 KV Pamarru-Avanigadda DC | |
| 192 | SI-18-44 | 2nd Circuit on 13 2KV Martur-Yadavali line | |
| 193 | SI-19-01 | LILO 220 KV Podili-Atmakur to 400kV Podili | |
| 194 | SI-19-03 | 132/33kV SS at Vuyyuru in Krishna District | |
| 195 | SI-19-04 | 132/33kV feature at 220KV PALLANTLA SWT.S I | |
| 196 | SI-19-05 | LILO of 220KV Ongole - Racherlapadu | |
| 197 | SI-19-06 | 132/33 KV SS at Ananthasagaram in SPSR Nellore | |
| 198 | SI-19-07 | 132/33 KV SS at Nallacheruvupalli in kadapa | |
| 199 | SI-19-08 | 132/33 KV SS at T.Narsapuram & lines | |
| 200 | SI-19-09 | 132KV DC XLPE UG CBL 220KV- 132KV Ongole | |
| 201 | SI-19-10 | Erection of 125 MVAR 400KV bus reactors | |
| 202 | SI-19-11 | 220/132/33 KV SS at Tiruvuru in krishna | |
| 203 | SI-19-12 | 132/33 kV SS at Ramanakkapeta in Krishna | |
| 204 | SI-19-17 | 220/132KV SS & lines at Bheemili, VSKP | |
| 205 | SI-20-03 | Erection of Galiveedu 132KV SS in Kadapa District | |
| 206 | SI-20-04 | R/O COND WIT AL59ZEBRA-132KV GWK-SLM-GWK | |
| 207 | SI-20-06 | 33KV features at 220KV SS P.Mamilla | |
| 208 | SI-20-07 | 33KV features at 220KV SS Tirumalayapalli | |
| 209 | SI-20-08 | 33KV features @132/11KV Undavalli(Kondaveeti) | |
| 210 | SI-20-09 | 33KV features@132/11KV Bandlavandlapalli | |
| 211 | SI-20-10 | 33KV features at 220/132KV Timmapuram SS | |
| 212 | SI-20-12 | 132/33KV Hamsavaram SS & connected lines | |
| 213 | SI-20-13 | 33KV Features at 132/11KV SS Ankampalli | |
| 214 | SI-20-15 | 33KV Features at 220/11KV SS G.V.PALLI | |
| 215 | SI-21-03 | LAY XLPE UG CBL-ONG SS-LOC.495 OGL-INKL | |
| 216 | SI-21-04 | Strengthening of TWRS-132KV Tekkal-Palasa | |
| 217 | SI-21-06 | LILO OF 220KV VSS-Kakinada LN Toparawada | |
| 218 | SI-21-07 | 220KV Bommuru-Vijjeswaram LILO-Vemagiri | |
| 219 | SI-21-08 | 220/132KV SS AT Rusthumbada West Godavary District | |
| 220 | SI-21-09 | Erection OF 400/220/132KV Kakinada SEZ SS | |
| 221 | SI-22-03 | 220KV VTPS-Tallapally-I LILO to Rentachinthala | |
| 222 | SI-22-08 | 400/220KV GIS at Atchyutapuram SEZ | |
| 223 | SI-22-13 | Erection of 400KV SS Ainavilli(CONV)& lines | |
| 224 | SI-22-15 | R/O TWR-400KV KTPP-Manubolu & KTPP-RCGR | |
| 225 | SI-22-17 | 132KV Samalkota-Rcpuram LN-SLKT-GMRBARGE | |
| 226 | SI-22-20 | Linking-220 KV Bus-Vajarakarur & Ragulapadu | |
| 227 | SI-22-21 | Erection of 2 nd main bus at 220/33 Chinturu | |
| 1 | | Schemes under REC funding | 486.38 |
| 2 | | Schemes under DC / Bulk Loads Works (Lift Irrigation) | 39.95 |
| 3 | | Schemes under DC / Bulk Loads Works (Construction) | 70.19 |
| 4 | | Schemes under PFC funding | 13.89 |
| 5 | | Schemes under Govt. funding | 88.33 |
| 6 | | Own funds | 295.04 |
| | | Total : | 993.78 |

Appendix - XIII
CONSOLIDATED BALANCE SHEET (T+D(EPDCL+SPDCL & CPDCL))
CONSOLIDATED BALANCE SHEET FOR THE YEAR 2023-24

(Rs. in Crores)

| Schedule Note | Transco | EPDCL | SPDCL | CPDCL | As at 31st march 2024 |
|--|-----------------|-----------------|-----------------|-----------------|--------------------------|
| NET ASSETS : | | | | | |
| Net Fixed Assets | | | | | |
| Gross Block | 16994.29 | 9999.02 | 17559.64 | 10708.96 | 55261.91 |
| Less: Accumulated Depreciation | (8104.95) | (2942.05) | (9119.96) | (4975.08) | -25142.04 |
| Net Fixed Assets | 8889.34 | 7056.97 | 8439.68 | 5733.88 | 30119.87 |
| Capital Expenditure in progress | 2947.69 | 864.04 | 4278.55 | 2457.14 | 10547.42 |
| Asset not in use | | | | | 0.00 |
| Deferred Costs/ Deferred Tax Asset | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Intangible Assets | 687.33 | 0.17 | 5906.65 | 16.19 | 6610.34 |
| Investments | 112.00 | 350.07 | 270.81 | 104.76 | 837.64 |
| Net Current Assets | | | | | 0.00 |
| Total Current Assets | 3829.85 | 21378.39 | 26705.13 | 13035.40 | 64948.76 |
| Less: Total Current Liabilities | | | | | 0.00 |
| Security Deposits from Consumers | 0.00 | 2812.81 | 2787.22 | 0.00 | 5600.02 |
| Other Current Liabilities | 2780.99 | 9151.98 | 12407.74 | 5430.15 | 29770.86 |
| Total Current Liabilities | 2780.99 | 11964.78 | 15194.96 | 5430.15 | 35370.88 |
| Net Current Assets | 1048.85 | 9413.60 | 11510.18 | 7605.25 | 29577.88 |
| Subsidy Receivable from Government | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Accumulated Deficit | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NET ASSETS : | 13685.21 | 17684.85 | 30405.87 | 15917.22 | 77693.15 |
| FINANCED BY: | | | | | |
| Borrowings for working capital | 1025.41 | 6795.65 | 10976.27 | 5536.81 | 24334.14 |
| Payments due on Capital Liabilities | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Capital Liabilities | | | | | 0.00 |
| Long term Provisions | 2156.85 | 1008.03 | 4239.25 | 1719.31 | 9123.45 |
| Other Long term Liabilities | 4439.92 | 9162.75 | 24045.12 | 13812.34 | 51460.14 |
| Funds from State Government/grants | 637.89 | 160.67 | 9.48 | 0.00 | 808.03 |
| GOAP equity | 454.44 | 121.23 | 358.72 | 0.10 | 934.49 |
| towards cost of Capital Assets | 1328.80 | 7262.75 | 2976.65 | 1813.77 | 13381.97 |
| Reserve and Reserve Funds | 320.29 | 273.44 | 380.03 | 2729.44 | 3703.20 |
| Deferred Tax Liability | 254.32 | 2.20 | 0.00 | 0.00 | 256.52 |
| Surplus | 3067.28 | (7101.87) | (12579.65) | (9694.55) | (26308.79) |
| TOTAL FUNDS | 13685.21 | 17684.84 | 30405.87 | 15917.22 | 77693.14 |

Appendix -XIV
Consolidated Profit and Loss Account for the year 2023-24

(Rs. in Crores)

| Particulars | TRANSCO | EPDCL | SPDCL | CPDCL | Total (D) | Total (T+D) |
|---|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| A.Revenue | | | | | | |
| Revenue from Sale of Power | 0.00 | 20084.10 | 17097.18 | 12321.92 | 49503.20 | 49503.20 |
| Transmission & SLDC charges-Discoms | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Transmission & SLDC charges (Annual fee,Open Access) | 2884.17 | 0.00 | 0.00 | 0.00 | 0.00 | 2884.17 |
| Inter State Sale of Power/UI Charges | 0.00 | 168.45 | 244.52 | 793.30 | 1206.27 | 1206.27 |
| Capital Contributions | 0.00 | 256.10 | 302.68 | 251.10 | 809.88 | 809.88 |
| Less: Electricity Duty | 0.00 | 1140.30 | 877.45 | 534.28 | 2552.03 | 2552.03 |
| | 2884.17 | 20508.65 | 16766.93 | 12832.04 | 48967.32 | 51851.49 |
| Revenue Subsidies and Grants | 0.00 | 3011.05 | 8910.09 | 3075.41 | 14996.55 | 14996.55 |
| Other Income | 367.04 | 992.87 | 1804.74 | 497.60 | 3295.21 | 3662.25 |
| Total Revenue : | 3251.21 | 23372.27 | 27481.76 | 16405.05 | 67259.08 | 70510.29 |
| B.Operating expenses | | | | | | |
| Purchase of Power | 0.00 | 18651.16 | 18744.37 | 10816.60 | 48212.13 | 48212.13 |
| Transmission & SLDC Charges | 0.00 | 0.00 | 1611.26 | 879.91 | 2491.17 | 2491.17 |
| Repairs & Maintenance | 253.61 | 190.72 | 363.28 | 196.81 | 750.81 | 1004.42 |
| Employee Costs | 949.85 | 2412.08 | 3626.43 | 2262.99 | 8301.50 | 9251.35 |
| Administration & General Expenses | 87.25 | 122.32 | 157.91 | 76.39 | 356.62 | 443.87 |
| Depreciation | 809.39 | 454.26 | 930.54 | 624.14 | 2008.94 | 2818.33 |
| Incentive to HT Consumers | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Interest and Finance Charges | 571.21 | 1444.23 | 2635.44 | 1687.21 | 5766.88 | 6338.09 |
| Sub-Total | 2671.31 | 23274.77 | 28069.23 | 16544.05 | 67888.05 | 70559.36 |
| Less: Expenses Capitalised | | | | | | |
| R&M, Employee Costs,Adm,etc | 114.25 | 178.78 | 267.04 | 137.80 | 583.62 | 697.87 |
| Interest and Finance Charges | 141.54 | 9.76 | 179.29 | 85.04 | 274.09 | 415.63 |
| | 255.79 | 188.54 | 446.33 | 222.84 | 857.71 | 1113.50 |
| Other debits (Misc.write offs etc.) | 0.00 | 145.33 | -142.49 | 52.60 | 55.44 | 55.44 |
| Expenditure on cyclone works (Net) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Sub-Total | 0.00 | 145.33 | -142.49 | 0.00 | 55.44 | 55.44 |
| Total Expenditure | 2415.52 | 23231.56 | 27480.41 | 16321.21 | 67085.78 | 69501.30 |
| Contingency Reserve | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Net Prior Period Charges/(Credits) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Profit/(Loss) Before Tax | 835.69 | 140.71 | 1.35 | 31.24 | 173.30 | 1008.99 |
| Extra ordinary item | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | (0.01) |
| MAT Credit entitlement of earlier years | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Provision for Income Tax & FBT | 142.57 | 4.63 | 0.00 | 0.00 | 4.63 | 147.20 |
| Provision for Deferred Tax | 89.16 | 0.00 | 0.00 | 0.00 | 0.00 | 89.16 |
| Profit/(Loss) After Tax | 603.96 | 136.08 | 1.35 | 31.24 | 168.68 | 772.62 |
| Net Surplus (+)/Loss(-) | 603.96 | 136.08 | 1.35 | 31.24 | 168.68 | 772.63 |

Appendix -XV

NET REVENUE AND APPROPRIATION ACCOUNT (T & D(EPDCL,SPDCL& CPDCL))

(Rs. in Crores)

| Particulars | This Year 2023-24 T & D (EPDCL,SPDCL& CPDCL) |
|---|---|
| | |
| Balance brought forward from last year | (27059.32) |
| | |
| Surplus/(Deficit) from Revenue Account | 772.70 |
| Reserves & Surplus (On Demerger) | |
| CREDITS : | |
| Transfer from General Reserve | |
| | |
| APPROPRIATIONS : | |
| Provision for Deferred Tax liability | |
| Contingency Reserve | |
| Adjustment against accumulated losses | |
| Contribution to Reserve and Reserve Funds | |
| Sinking Fund for Repayment of borrowings | |
| General Reserve | |
| Special safety Reserve | |
| Balance carried forward | (26286.62) |

ABBREVIATIONS

| Sl.No | Abbreviation | Expansion |
|-------|--------------|--|
| 1 | APGPCCL | AP Gas Power Corporation Ltd |
| 2 | APGENCO | AP Power Generation Corporation Ltd |
| 3 | APTRANSCO | Transmission Corporation of A.P.Ltd. |
| 4 | B E | Budget Estimate |
| 5 | B.H.E.L | Bharat Heavy Electricals Ltd |
| 6 | B.S.S | A.P.S.E.Board Sub-stations |
| 7 | C.E.A | Central Electricity Authority |
| 8 | C.K.M | Circuit Kilo Meters |
| 9 | C.L | Connected/Contracted Load |
| 10 | C.M.D | Contracted Maximum Demand (in KVA) |
| 11 | C.W.C | Central Water Commission |
| 12 | D.C | Double Circuit |
| 13 | Dist. | District |
| 14 | DISCOMS | Distribution Companies |
| 15 | DSM | Demand side management |
| 16 | DPE | Detection of Pilferage of Energy |
| 17 | E.H.T/E.H.V | Extra High Tension/Extra High Voltage (>33 KV) |
| 18 | E.R.E.B | Eastern Region Electricity Board |
| 19 | F.O | Furnace Oil |
| 20 | H.E.S | Hydro Electric Scheme |
| 21 | H.P | Horse Power |
| 22 | H.S.D/L.S.D | High Speed Diesel/Low Speed Diesel |
| 23 | H.T/H.V | High Tension/High Voltage (6.6KV to 33 KV) |
| 24 | H.V.D.C | High Voltage Direct Current |
| 25 | HVDS | High Voltage Distribution System |
| 26 | IPP | Independent Power Producer |
| 27 | I.D.C. | Interest During Construction |
| 28 | KWH/Unit | Kilo Watt Hour/Unit |
| 29 | K.V.A | Kilo Volt Amperes |
| 30 | L.F | Load Factor |
| 31 | LILO | Loop in Loop out |
| 32 | L.S.H.S | Low Sulphur Heavy Stock |
| 33 | L.T | Low Tension/Low Voltage (<=440V) |
| 34 | LVDS | Low Voltage Distribution System |
| 35 | LNG | Liquified Natural Gas |
| 36 | M.T | Million Tonnes |
| 37 | M.U. | Million Units/Million Kilowatt Hours |
| 38 | M.V.A.R | Million Volt Amperes (Reactive) |
| 39 | M.W | Mega Watts |
| 40 | N.A | Not Available/Not Accounted for |
| 41 | N.T.P.C | National Thermal Power Corporation |
| 42 | P.H | Power House |
| 43 | P.F.C. | Power Finance Corporation |
| 44 | P.L.F. | Plant Load Factor |
| 45 | R.B.D.D | Reserve for Bad and Doubtful Debts |
| 46 | R.E | Rural Electrification, Revised Estimate |
| 47 | R.E.C | Rural Electrification Corporation Ltd |
| 48 | R & M | Renovation and Modernisation |
| 49 | R.T.S.S | Railway Traction Sub-station |
| 50 | S.C | Single Circuit |
| 51 | S.P.V | Solar Photovoltaic |
| 52 | S.R.E.B | Southern Region Electricity Board |
| 53 | SCADA | Supervisory Control and Data Acquisition |
| 54 | T & D | Transmission and Distribution |
| 55 | T.M.C | Thousand Million Cubic Feet |
| 56 | T.P.S/T.P.P | Thermal Power Station/Thermal Power Project |
| 57 | W.R.E.B | Western Region Electricity Board |