



GRID-इंडिया

GRID-INDIA

SOUTHERN REGIONAL LOAD DESPATCH CENTRE

DAILY OPERATION REPORT OF SOUTHERN REGION

Power Supply Position in Southern Region For 10-Sep-2025

Date of Reporting:11-Sep-2025

1. Regional Availability/Demand:

| Evening Peak (20:00) MW | | | | Off-Peak (03:00) MW | | | | Day Energy(Net MU) | |
|-------------------------|-----------------------------|-------------|-----------|---------------------|-----------------------------|-------------|-----------|--------------------|------------|
| Demand Met | Shortage(-)/Surplus(+) # | Requirement | Freq (Hz) | Demand Met | Shortage(-)/Surplus(+) # | Requirement | Freq (Hz) | Demand Met | Shortage # |
| 51,154 | 0 | 51,154 | 50.08 | 47,666 | 0 | 47,666 | 50 | 1,297.62 | 0 |

* MW Availability indicated above includes SR ISTS Loss.

2(A)State's Load Deails (At State Periphery) in MUs:

| STATE | State's Control Area Generation (Net MU) | | | | | | Net SCH | Drawal | UI | Availability | Demand Met | Shortage # |
|----------------|--|-------|-----------------------|-------|-------|--------|----------|----------|----------|--------------|------------|------------|
| | THERMAL | HYDRO | GAS/DIESEL/ NAPTHA | WIND | SOLAR | OTHERS | (Net Mu) | (Net Mu) | (Net Mu) | (Net MU) | (Net MU) | (Net MU) |
| ANDHRA PRADESH | 113.35 | 23.43 | 0 | 13.59 | 13.7 | 3.36 | 81.7 | 82.76 | 1.06 | 249.12 | 250.18 | 0 |
| KARNATAKA | 77.91 | 52.54 | 0 | 19.94 | 32.16 | 14.01 | 74.11 | 75.13 | 1.02 | 270.67 | 271.68 | 0 |
| KERALA | 0 | 34.84 | 0 | 0.35 | 1.4 | 0.28 | 52.66 | 52.44 | -0.22 | 89.54 | 89.32 | 0 |
| PONDICHERRY | 0 | 0 | 0.6 | 0 | 0.07 | 0 | 10.1 | 9.98 | -0.12 | 10.77 | 10.64 | 0 |
| TAMILNADU | 72.61 | 21.5 | 1.7 | 30.24 | 40.3 | 5.55 | 213.76 | 209.86 | -3.9 | 385.66 | 381.76 | 0 |
| TELANGANA | 118.17 | 46.59 | 0 | 0.28 | 13.67 | 5.18 | 111.71 | 110.14 | -1.57 | 295.61 | 294.04 | 0 |
| Region | 382.04 | 178.9 | 2.3 | 64.4 | 101.3 | 28.38 | 544.04 | 540.31 | -3.73 | 1,301.37 | 1,297.62 | 0 |

The accuracy of shortage computation depends on timely load shedding details furnished in the web directly by constituents

2(B)State's Demand Met in MWs and day energy forecast and deviation particulars

| State | Evening Peak (20:00) MW | | | Off-Peak (03:00) MW | | | Average Demand (MW) | Day Energy(Net MU) | |
|----------------|-------------------------|-----------------------------|-----------------------------|---------------------|-----------------------------|-------------------------|------------------------|-----------------------|--|
| | Demand Met | Shortage(-)/Surplus(+) # | Requirement at Evening peak | Demand Met | Shortage(-)/Surplus(+) # | Requirement at Off-Peak | | ForeCast (LGBR) (mus) | Deviation[Forecast(LGBR) -Consumption] (mus) |
| ANDHRA PRADESH | 9,745 | 0 | 9,745 | 9,306 | 0 | 9,306 | 10,413 | 243 | 7.18 |
| KARNATAKA | 10,211 | 0 | 10,211 | 8,074 | 0 | 8,074 | 11,268 | 268.2 | 3.48 |
| KERALA | 4,343 | 0 | 4,343 | 3,288 | 0 | 3,288 | 3,492 | 84.53 | 4.79 |
| PONDICHERRY | 462 | 0 | 462 | 400 | 0 | 400 | 422 | 10.8 | -0.16 |
| TAMILNADU | 16,611 | 0 | 16,611 | 14,738 | 0 | 14,738 | 16,495 | 404 | -22.24 |
| TELANGANA | 9,782 | 0 | 9,782 | 11,860 | 0 | 11,860 | 12,636 | 289 | 5.04 |
| Region | 51,154 | 0 | 51,154 | 47,666 | 0 | 47,666 | 54,726 | 1,299.53 | -1.91 |

2(C)State's Demand Met in MWs (maximum demand met and Maximum requirement of the day details)

| State | Maximum Demand, corresponding shortage and requirement details for the day | | | | Maximum requirement, corresponding shortage and demand details for the day | | | | ACE | | | |
|--------|--|----------|--|--|--|----------|---|--------------------------------|-----------------|-------|-----------------|-------|
| | Maximum Demand Met of the day | Time | Shortage(-) /Surplus(+) during at maximum demand | Requirement at the max demand met of the day | Demand Met at maximum requiremnet | Time | Shortage(-) /Surplus(+) during at maximum Requirement | Maximum Requirement of the day | Maximum ACE(MW) | Time | Minimum ACE(MW) | Time |
| AP | 12,527 | 12:20 | 0 | 12,527 | 12,527 | 12:20 | 0 | 12,527 | 1,214.16 | 22:45 | -676.57 | 00:01 |
| KAR | 14,486 | 10:00 | 0 | 14,486 | 14,486 | 10:00 | 0 | 14,486 | 559.56 | 22:46 | -1,331.94 | 10:19 |
| KER | 4,443 | 19:00 | 0 | 4,443 | 4,443 | 19:00 | 0 | 4,443 | 268.67 | 21:19 | -278.14 | 00:01 |
| PONDY | 472 | 19:15 | 0 | 472 | 472 | 19:15 | 0 | 472 | 54.37 | 15:38 | -49.54 | 19:37 |
| TN | 17,589 | 19:00 | 0 | 17,589 | 17,589 | 19:00 | 0 | 17,589 | 1,461.16 | 08:45 | -471.64 | 00:01 |
| TG | 15,871 | 07:40 | 0 | 15,871 | 15,871 | 07:40 | 0 | 15,871 | 682.55 | 15:35 | -805.16 | 16:46 |
| Region | 62,029 | 09:31:00 | 0 | 62,029 | 62,029 | 09:31:00 | 0 | 62,029 | 1,520.45 | 08:41 | -1,582.37 | 06:15 |

3(A) State Entities Generation:

| ANDHRA PRADESH | | | | | | | | | | | |
|--|--|----------------|---------|-------------|----------|-------|------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Gen(MU) | |
| HINDUJA POWER CORPORATION LTD(2 * 520) | | 1,040 | 423 | 444 | 452 | 04:37 | 296 | 14:38 | 9.7 | 8.9 | 371 |
| KRISHNAPATTANAM (3 * 800) | | 2,400 | 1,277 | 1,324 | 1,372 | 21:22 | 1,137 | 14:28 | 31.83 | 29.64 | 1,235 |
| RAYALASEEMA TPP(1 * 600 + 5 * 210) | | 1,650 | 1,221 | 1,273 | 1,311 | 11:35 | 902 | 09:25 | 30.53 | 27.79 | 1,158 |
| SEIL P2 UNIT-2(1 * 660) | | 660 | 627 | 630 | 632 | 05:44 | 493 | 15:15 | 15.66 | 14.81 | 617 |
| VIJAYAWADA TPS(1 * 800 + 1 * 500 + 6 * 210) | | 2,560 | 1,448 | 1,446 | 1,492 | 20:58 | 1,174 | 13:18 | 35.53 | 32.19 | 1,341 |
| OTHER THERMAL | | 0 | 0 | 0 | 0 | 00:00 | 0 | - | - | - | - |
| Total THERMAL | | 8,310 | 4,996 | 5,117 | - | - | - | - | 123.25 | 113.33 | 4,722 |
| HAMPI | | 36 | 0 | 0 | 26 | 00:00 | 0 | - | 0.62 | 0.62 | 26 |
| LOWER SILERU(4 * 115) | | 460 | 13 | 13 | 113 | 02:03 | 13 | 14:09 | 2.73 | 2.72 | 113 |
| SRISAILAM RBPH(7 * 110) | | 770 | 636 | 637 | 642 | 06:55 | 628 | 15:08 | 15.35 | 15.31 | 638 |
| UPPER SILERU(4 * 60) | | 240 | 0 | 0 | 106 | 16:43 | 2 | 13:15 | 0.55 | 0.55 | 23 |
| OTHER HYDEL | | 431 | 433 | 336 | 433 | 00:00 | 0 | - | 4.24 | 4.23 | 176 |
| Total HYDEL | | 1,937 | 1,082 | 986 | - | - | - | - | 23.49 | 23.43 | 976 |
| GAUTAMI CCPP(1 * 174 + 2 * 145) | | 464 | 0 | 0 | 0 | 00:00 | 0 | 14:09 | 0 | 0 | 0 |
| GMR (BARG)(1 * 237) | | 237 | 0 | 0 | 0 | 00:00 | 0 | 14:09 | 0 | 0 | 0 |
| JEGURUPADU (GAS)(1 * 49.9 + 1 * 75.5 + 2 * 45.8) | | 217 | 0 | 0 | 0 | 00:00 | 0 | 14:09 | 0 | 0 | 0 |
| JEGRUPADU EXT.(1 * 220) | | 220 | 0 | 0 | 0 | 00:00 | 0 | - | - | - | - |
| KONASEEMA CCPP(1 * 140 + 1 * 145 + 1 * 165) | | 450 | 0 | 0 | 0 | 00:00 | 0 | 14:09 | 0 | 0 | 0 |
| LANCO (GAS)(1 * 121 + 2 * 115) | | 351 | 0 | 0 | 0 | 00:00 | 0 | 14:09 | 0 | 0 | 0 |
| RELIANCE ENERGY LTD. (GAS)(1 * 140 + 1 * 80) | | 220 | 0 | 0 | 0 | 00:00 | 0 | 08:06 | 0 | 0 | 0 |
| SPECTRUM (GAS)(1 * 46.8 + 1 * 68.8 + 2 * 46.1) | | 208 | 0 | 0 | 0 | 00:00 | 0 | 08:06 | 0 | 0 | 0 |
| VEMAGIRI POWER GENERATION LTD.(GAS)(1 * 137 + 1 * 233) | | 370 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |

| | | | | | | | | | | |
|--|--------|-------|-------|-------|-------|-----|-------|--------|--------|-------|
| VIJESWARAM GTS(1 * 112.5 + 1 * 34 + 1 * 59.5 + 2 * 33) | 272 | 0 | 0 | 0 | 00:00 | 0 | 14:09 | 0 | 0 | 0 |
| OTHER GAS/NAPTHA/DIESEL | 27 | 0 | 0 | 0 | 00:00 | 0 | - | - | - | - |
| Total GAS/NAPTHA/DIESEL | 3,036 | 0 | 0 | - | - | - | - | 0 | 0 | 0 |
| WIND | 4,084 | 251 | 873 | 1,356 | 22:48 | 342 | 13:26 | 13.59 | 13.59 | 566 |
| SOLAR | 3,356 | 0 | 0 | 2,090 | 11:07 | 1 | 06:00 | 13.7 | 13.7 | 571 |
| OTHERS | 619 | 97 | 87 | 140 | 02:03 | 82 | 14:09 | 3.36 | 3.36 | 140 |
| Total AP | 21,342 | 6,426 | 7,063 | - | - | - | - | 177.39 | 167.41 | 6,975 |

| TELANGANA | | | | | | | | | | |
|--|----------------|---------|-------------|----------|-------|------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Gen(MU) | |
| BHADRADRI TPS(4 * 270) | 1,080 | 891 | 655 | 976 | 23:47 | 539 | 13:06 | 17.11 | 15.29 | 637 |
| KAKATIYA ST1&ST2(1 * 500 + 1 * 600) | 1,100 | 1,029 | 1,038 | 1,059 | 05:24 | 582 | 13:33 | 23.13 | 21.86 | 911 |
| KOTHAGUEDEM TPS(1 * 500 + 1 * 800 + 2 * 250) | 1,800 | 1,475 | 1,163 | 1,640 | 07:00 | 982 | 13:53 | 33.24 | 31.06 | 1,294 |
| RAMAGUNDAM-B(1 * 62.5) | 63 | 0 | 0 | 0 | 00:00 | 0 | 17:11 | 0 | 0 | 0 |
| SINGARENI TPS(2 * 600) | 1,200 | 1,171 | 1,205 | 1,221 | 04:55 | 660 | 13:08 | 24.95 | 23.45 | 977 |
| YADADRI(2 * 800) | 1,600 | 1,273 | 1,394 | 1,414 | 05:13 | 885 | 14:23 | 28.41 | 26.52 | 1,105 |
| Total THERMAL | 6,843 | 5,839 | 5,455 | | | | | 126.84 | 118.18 | 4,924 |
| NAGARJUNA SAGAR(1 * 110 + 7 * 100.8) | 816 | 804 | 806 | 831 | 19:07 | 750 | 13:05 | 19.74 | 19.67 | 820 |
| NAGARJUNA SAGAR (PUMP)(1 * 110 + 7 * 100.8) | 816 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |
| SRISAILAM LBPH(6 * 150) | 900 | 709 | 711 | 714 | 10:54 | 688 | 13:05 | 17.05 | 17.01 | 709 |
| SRISAILAM LBPH(PUMP)(6 * 150) | 900 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |
| OTHER HYDEL | 957 | 370 | 575 | 575 | 00:00 | 0 | 17:11 | 9.98 | 9.91 | 413 |
| Total HYDEL | 2,673 | 1,883 | 2,092 | | | | | 46.77 | 46.59 | 1,942 |
| WIND | 128 | 0 | 0 | 12 | 00:00 | 0 | - | 0.28 | 0.28 | 12 |
| SOLAR | 3,818 | 0 | 0 | 2,310 | 11:19 | 10 | 06:08 | 13.67 | 13.67 | 570 |
| OTHERS | 252 | 0 | 0 | 216 | 00:00 | 0 | - | 5.18 | 5.18 | 216 |
| Total TG | 13,714 | 7,722 | 7,547 | | | | | 192.74 | 183.9 | 7,664 |

| KARNATAKA | | | | | | | | | | |
|---|----------------|---------|-------------|----------|-------|------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Gen(MU) | |
| BELLARY TPS(1 * 700 + 2 * 500) | 1,700 | 728 | 764 | 829 | 09:44 | 400 | 12:35 | 17.51 | 16.33 | 680 |
| JINDAL(2 * 130 + 4 * 300) | 1,460 | 0 | 0 | 200 | 19:46 | 0 | - | 24.28 | 22.41 | 15 |
| JINDAL (EXCL. CAPTIVE CONSUMPTION)(2 * 130 + 4 * 300) | 1,460 | 51 | 35 | 200 | 19:46 | 0 | 06:09 | 0.37 | 0.37 | 15 |
| RAICHUR TPS(1 * 250 + 7 * 210) | 1,720 | 942 | 844 | 952 | 20:32 | 878 | 06:19 | 24.26 | 21.68 | 903 |
| UPCL(2 * 600) | 1,200 | 1,108 | 1,005 | 1,128 | 00:23 | 972 | 17:02 | 26.51 | 25.03 | 1,043 |
| YERAMARAS TPS(2 * 800) | 1,600 | 574 | 584 | 880 | 07:12 | 5 | 09:39 | 15.91 | 14.5 | 604 |
| Total THERMAL | 7,680 | 3,403 | 3,232 | - | - | - | - | 84.56 | 77.91 | 2,326 |
| NAGJHERI(1 * 135 + 5 * 150) | 885 | 692 | 202 | 5,045 | 10:33 | 156 | 13:04 | 10.5 | 10.4 | 433 |
| SHARAVATHI(10 * 103.5) | 1,035 | 776 | 826 | 868 | 19:36 | 284 | 13:09 | 18.97 | 18.82 | 784 |
| VARAHI UGPH(4 * 115) | 460 | 97 | 58 | 413 | 19:13 | 43 | 06:02 | 3.93 | 3.84 | 160 |
| OTHER HYDEL | 2,137 | 1,337 | 898 | 1,337 | 01:40 | 346 | 06:07 | 19.48 | 19.48 | 812 |
| Total HYDEL | 4,517 | 2,902 | 1,984 | - | - | - | - | 52.88 | 52.54 | 2,189 |
| OTHER GAS/NAPTHA/DIESEL | 126 | 0 | 0 | 0 | 00:00 | 1 | 08:06 | 0 | 0 | 0 |
| Total GAS/NAPTHA/DIESEL | 126 | 0 | 0 | - | - | - | - | 0 | 0 | 0 |
| WIND | 5,440 | 1,151 | 961 | 1,740 | 22:56 | 363 | 13:47 | 19.94 | 19.94 | 831 |
| SOLAR | 6,571 | 0 | 0 | 4,245 | 23:44 | 0 | 06:00 | 32.16 | 32.16 | 1,340 |
| OTHERS | 1,832 | 87 | 85 | 1,924 | 11:04 | 53 | 13:33 | 14.01 | 14.01 | 1,924 |
| Total KAR | 26,166 | 7,543 | 6,262 | - | - | - | - | 203.55 | 196.56 | 8,610 |

| KERALA | | | | | | | | | | |
|---|----------------|---------|-------------|----------|-------|------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Gen(MU) | |
| IDDUKKI(6 * 130) | 780 | 511 | 631 | 643 | 23:08 | 71 | 12:38 | 10.33 | 10.3 | 429 |
| LOWER PERIYAR (3 * 60) | 180 | 162 | 91 | 165 | 17:33 | 91 | 11:59 | 2.78 | 2.77 | 115 |
| SABARIGIRI(2 * 60 + 4 * 55) | 340 | 223 | 228 | 230 | 12:10 | 87 | 13:23 | 5.37 | 5.36 | 223 |
| OTHER HYDEL | 834 | 667 | 642 | 684 | 01:19 | 381 | 06:16 | 16.41 | 16.41 | 684 |
| Total HYDEL | 2,134 | 1,563 | 1,592 | - | - | - | - | 34.89 | 34.84 | 1,451 |
| BRAHMAPURAM DGPP (DIESEL)(3 * 21.32) | 64 | 0 | 0 | 0 | 00:00 | 5 | 14:56 | 0 | 0 | 0 |
| BSES (NAPTHA)(1 * 35.5 + 3 * 40.5) | 157 | 0 | 0 | 0 | 00:00 | 0 | 14:09 | - | - | - |
| KOZHICODE DPP (DIESEL)(6 * 16) | 96 | 0 | 0 | 0 | 00:00 | 0 | 14:09 | 0 | 0 | 0 |
| MPS STEEL CASTINGS(1 * 10) | 10 | 0 | 0 | 0 | 00:00 | 0 | - | - | - | - |
| RGCCPP KAYAMKULAM (KSEB) - NTPC(1 * 126.38 + 2 * 116.6) | 360 | 0 | 0 | 0 | 00:00 | 1 | 11:30 | 0 | 0 | 0 |
| OTHER GAS/NAPTHA/DIESEL | 22 | 0 | 0 | 0 | 00:00 | 0 | 14:09 | - | - | - |
| Total GAS/NAPTHA/DIESEL | 709 | 0 | 0 | - | - | - | - | 0 | 0 | 0 |
| WIND | 70 | 0 | 0 | 14 | 00:00 | 0 | - | 0.35 | 0.35 | 15 |
| SOLAR | 1,988 | 0 | 0 | 59 | 00:00 | 0 | - | 1.4 | 1.4 | 58 |
| OTHERS | 20 | 0 | 0 | 12 | 00:00 | 0 | - | 0.28 | 0.28 | 12 |
| Total KER | 4,921 | 1,563 | 1,592 | - | - | - | - | 36.92 | 36.87 | 1,536 |

| TAMIL NADU | | | | | | | | | | |
|---|----------------|---------|-------------|----------|-------|------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Gen(MU) | |
| METTUR TPS(1 * 600 + 4 * 210) | 1,440 | 851 | 995 | 1,031 | 22:25 | 798 | 10:19 | 22.26 | 20.37 | 849 |
| NCTPS STG3(Infirm - 800 MW) | 0 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |
| NORTH CHENNAI TPS STG-II(2 * 600) | 1,200 | 799 | 746 | 819 | 17:29 | 570 | 14:01 | 19.2 | 17.83 | 743 |
| NORTH CHENNAI TPS(3 * 210) | 630 | 233 | 238 | 257 | 23:22 | 200 | 10:38 | 6.57 | 5.66 | 236 |
| OPG PGPL | 414 | 0 | 0 | 77 | 00:00 | 0 | - | 2.08 | 1.84 | 77 |
| SEPC(1 * 525) | 525 | 485 | 492 | 516 | 15:40 | 257 | 11:34 | 11.35 | 10.78 | 449 |
| ST - CMS(1 * 250) | 250 | 249 | 248 | 253 | 18:48 | 165 | 10:27 | 5.57 | 5.13 | 214 |
| TUTICORIN(5 * 210) | 1,050 | 297 | 520 | 530 | 00:43 | 442 | 10:15 | 12.16 | 10.99 | 458 |
| Total THERMAL | 5,509 | 2,914 | 3,239 | | | | | 79.19 | 72.6 | 3,026 |
| KADAMPARAI (4 * 100) | 400 | 0 | 0 | 101 | 06:15 | 3 | 09:03 | 0.15 | 0.15 | 6 |
| KADAMPARAI (PUMP)(4 * 100) | 400 | 0 | 0 | 8 | 00:00 | 0 | - | 0.18 | 0.18 | 8 |
| OTHER HYDEL | 1,826 | 644 | 1,047 | 1,047 | 02:25 | 72 | 07:48 | 21.54 | 21.35 | 890 |
| Total HYDEL | 2,226 | 644 | 1,047 | | | | | 21.87 | 21.5 | 896 |
| BASIN BRIDGE (NAPTHA)(4 * 30) | 120 | 0 | 0 | 0 | 00:00 | 0 | 12:46 | 0 | 0 | 0 |
| KOVIL KALAPPAL (GAS)(1 * 37.8 + 1 * 70) | 108 | 0 | 0 | 0 | 00:00 | 0 | 06:01 | 0 | 0 | 0 |
| KUTTALAM (GAS)(1 * 37 + 1 * 64) | 101 | 0 | 0 | 0 | 00:00 | 0 | 10:43 | 0 | 0 | 0 |
| MADURAI POWER CL (DIESEL)(1 * 106) | 106 | 0 | 0 | 0 | 00:00 | 0 | 14:09 | 0 | 0 | 0 |
| P P NALLUR (NAPTHA)(1 * 330.5) | 331 | 0 | 0 | 0 | 00:00 | 0 | 08:06 | 0 | 0 | 0 |
| SAMALPATTY (DIESEL)(7 * 15.1) | 106 | 0 | 0 | 0 | 00:00 | 0 | 08:06 | 0 | 0 | 0 |
| VALATTUR(STG1&STG2)(1 * 32 + 1 * 35 + 2 * 60) | 187 | 32 | 38 | 71 | 12:25 | 36 | 06:24 | 1.83 | 1.7 | 71 |
| OTHER GAS/NAPTHA/DIESEL | 196 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |
| OTHER GAS/NAPTHA/DIESEL | 166 | 0 | 0 | 0 | 00:00 | 0 | 06:00 | 0 | 0 | 0 |
| Total GAS/NAPTHA/DIESEL | 1,421 | 32 | 38 | | | | | 1.83 | 1.7 | 71 |
| WIND | 9,392 | 2,292 | 566 | 2,832 | 14:46 | 244 | 06:42 | 30.24 | 30.24 | 1,260 |
| SOLAR | 9,555 | 0 | 0 | 6,545 | 11:27 | 13 | 06:04 | 40.3 | 40.3 | 1,679 |
| OTHERS | 2,029 | 485 | 385 | 486 | 02:03 | 358 | 06:00 | 5.55 | 5.55 | 231 |
| Total TN | 30,132 | 6,367 | 5,275 | | | | | 178.98 | 171.89 | 7,163 |

3(B) Regional Entities Generation

| ISGS | | | | | | | | | | |
|---------------------------------|----------------|---------|-------------|----------|-------|------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Get(MU) | |
| KUDGI(3 * 800) | 2,400 | 802 | 0 | 2,420 | 16:28 | 117 | 06:00 | 9.44 | 6.71 | 280 |
| NEYVELI TS I EXPN (2 * 210) | 420 | 163 | 144 | 171 | 05:38 | 143 | 08:51 | 3.81 | 3.6 | 150 |
| NEYVELI TS II(7 * 210) | 1,470 | 354 | 541 | 578 | 06:32 | 352 | 17:53 | 14.26 | 11.08 | 462 |
| NEYVELI TS II EXPN (2 * 250) | 500 | 212 | 219 | 222 | 05:23 | 133 | 13:52 | 5.45 | 4.66 | 194 |
| NNTPS(2 * 500) | 1,000 | 461 | 461 | 476 | 23:19 | 277 | 11:15 | 11.11 | 9.33 | 389 |
| NTPC-TELANGANA STPP(2*800) | 1,600 | 1,464 | 750 | 1,464 | 20:00 | 0 | - | 22.45 | 20.58 | 858 |
| RAMAGUNDAM(3 * 200 + 4 * 500) | 2,600 | 1,904 | 1,415 | 1,967 | 21:58 | 1,071 | 17:01 | 39.15 | 36.31 | 1,513 |
| SIMHADRI STAGE I(2 * 500) | 1,000 | 885 | 819 | 929 | 23:46 | 485 | 15:09 | 18.48 | 17.2 | 717 |
| SIMHADRI STAGE II(2 * 500) | 1,000 | 949 | 881 | 963 | 19:25 | 505 | 14:09 | 19.03 | 17.8 | 742 |
| TALCHER ST2(4 * 500) | 2,000 | 1,414 | 1,414 | 1,414 | 02:03 | 1,414 | 14:09 | 31.5 | 29.61 | 1,234 |
| Total THERMAL | 13,990 | 8,608 | 6,644 | - | - | - | - | 174.68 | 156.88 | 6,539 |
| KAIGA STG1(2 * 220) | 440 | 192 | 195 | 199 | 15:22 | 185 | 07:35 | 5.3 | 4.78 | 199 |
| KAIGA STG2(2 * 220) | 440 | 427 | 428 | 438 | 13:23 | 422 | 07:45 | 11.44 | 10.51 | 438 |
| KUDANKULAM(2 * 1000) | 2,000 | 1,015 | 1,024 | 1,033 | 00:19 | 1,012 | 15:59 | 24.65 | 23.15 | 965 |
| MAPS(2 * 220) | 440 | 0 | 0 | 0 | 00:00 | 28 | 15:30 | 0 | 0 | 0 |
| Total NUCLEAR | 3,320 | 1,634 | 1,647 | - | - | - | - | 41.39 | 38.44 | 1,602 |
| Total ISGS | 17,310 | 10,242 | 8,291 | | | | | 216.07 | 195.32 | 8,141 |

| JOINT VENTURE | | | | | | | | | | |
|-----------------------|----------------|---------|-------------|----------|-------|------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Get(MU) | |
| NTPL(2 * 500) | 1,000 | 918 | 572 | 967 | 21:25 | 484 | 13:52 | 17.71 | 16.68 | 695 |
| VALLUR TPS(3 * 500) | 1,500 | 1,283 | 1,354 | 1,403 | 04:56 | 749 | 07:59 | 28.39 | 26.27 | 1,095 |
| Total THERMAL | 2,500 | 2,201 | 1,926 | - | - | - | - | 46.1 | 42.95 | 1,790 |
| Total JOINT_VENTURE | 2,500 | 2,201 | 1,926 | | | | | 46.1 | 42.95 | 1,790 |

| IPP UNDER OPEN ACCESS | | | | | | | | | | |
|--|----------------|---------|-------------|----------|-------|---------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Get(MU) | |
| COASTAL ENERGEN(2 * 600) | 1,200 | 519 | 522 | 556 | 01:36 | 293 | 09:52 | 11.97 | 11.12 | 463 |
| IL&FS(2 * 600) | 1,200 | 560 | 543 | 565 | 18:57 | 300 | 13:11 | 12.96 | 12.06 | 503 |
| JINDAL POWER LIMITED (SIMHAPURI UNIT)(4 * 150) | 600 | 546 | 467 | 550 | 00:24 | 200 | 13:11 | 10.7 | 9.59 | 400 |
| MEENAKSHI ENERGY LTD STAGE1(2 * 150) | 300 | 0 | 0 | 0 | 00:00 | 54 | 10:56 | 0 | 0 | 0 |
| MEENAKSHI ENERGY LTD STAGE2(2 * 350) | 700 | 0 | 0 | 325 | 00:00 | 0 | - | 8.52 | 7.8 | 325 |
| SEIL P1(2 * 660) | 1,320 | 1,257 | 1,240 | 1,270 | 17:37 | 787 | 13:32 | 28.26 | 26.83 | 1,118 |
| SEIL P2 UNIT-1(1 * 660) | 660 | 615 | 624 | 636 | 21:21 | 491 | 13:33 | 14.97 | 14.19 | 591 |
| Total THERMAL | 5,980 | 3,497 | 3,396 | - | - | - | - | 87.38 | 81.59 | 3,400 |
| LKPPL ST2(1 * 133 + 1 * 233) | 366 | 336 | 177 | 343 | 21:35 | 176 | 14:56 | 5.53 | 5.36 | 223 |
| LKPPL ST3(2 * 133 + 2 * 233) | 732 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |
| Total GAS/NAPTHA/DIESEL | 1,098 | 336 | 177 | - | - | - | - | 5.53 | 5.36 | 223 |
| Total REGIONAL_IPP | 7,078 | 3,833 | 3,573 | | | | | 92.91 | 86.95 | 3,623 |

| RENEWABLE WIND | | | | | | | | | | |
|-----------------------------------|----------------|---------|-------------|----------|-------|---------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Get(MU) | |
| GADAG_GREENINFRA_W | 55 | 2 | 45 | 60 | 04:18 | 5 | 14:16 | 0.57 | 0.57 | 24 |
| GADAG_RSPL_W | 175 | 135 | 24 | 25 | 20:00 | 48 | 17:53 | 0.59 | 0.59 | 25 |
| GADAG_VENA_W | 133 | 8 | 77 | 49 | 20:00 | 0 | - | 1.17 | 1.17 | 49 |
| GREEN INFRA(1 * 249.90) | 250 | 16 | 0 | 148 | 14:18 | 1 | 09:49 | 0.45 | 0.45 | 19 |
| HIRIYUR_OSTRO(1 *300.3) | 300 | 0 | 0 | 0 | 00:00 | 0 | 08:08 | 0 | 0 | 0 |
| HIRIYUR_ZREPL_W | 66 | 34 | 18 | 126 | 20:00 | 0 | - | 3.03 | 3.03 | 126 |
| JSW RENEW ENERGY TWO LTD | 300 | 0 | 0 | 224 | 16:24 | 2 | 07:39 | 0.52 | 0.52 | 22 |
| KARUR_JSWRENEW_W | 162 | 7 | 15 | 21 | 20:00 | 0 | - | 0.5 | 0.5 | 21 |
| KARUR_JSWRETWO_W | 150 | 28 | 19 | 28 | 20:00 | 0 | - | 0.25 | 0.25 | 10 |
| KOPPAL_AYANASIX_W | 300 | 152 | 53 | 152 | 20:00 | 0 | - | 1.47 | 1.47 | 61 |
| KOPPAL_KLEIO_W | 101 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |
| KOPPAL_RENEWOJAS_W | 319 | 0 | 78 | 170 | 23:50 | 13 | 07:32 | 1.96 | 1.96 | 82 |
| KOPPAL_RENEWROSHNI_W | 291 | 127 | 9 | 225 | 18:56 | 2 | 07:31 | 0.98 | 0.98 | 41 |
| KURNOOL_AMGREEN_W | 304 | 0 | 0 | 67 | 00:00 | 0 | 14:09 | 1.6 | 1.6 | 67 |
| MYTRA(1 * 250) | 250 | 54 | 0 | 119 | 15:00 | 0 | 08:05 | 0.41 | 0.41 | 17 |
| ORANGE(1 * 200) | 200 | 22 | 0 | 113 | 14:09 | 1 | 10:15 | 0.37 | 0.37 | 15 |
| PGLR_SAUPL_W | 53 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |
| PGLR_SREPL(1 * 300) | 300 | 15 | 0 | 175 | 16:25 | 0 | 11:18 | 0.85 | 0.85 | 35 |
| TUTICORINJSWRENEWW(1 * 51.3) | 540 | 95 | 8 | 95 | 20:00 | 0 | - | 0.74 | 0.74 | 31 |
| VIVID SOLAIRE (BEETAM)(1 * 220) | 220 | 0 | 0 | 0 | 00:00 | 2 | 10:34 | 0 | 0 | 0 |
| Total RENEWABLE_WIND | 4,469 | 695 | 346 | | | | | 15.46 | 15.46 | 645 |

| RENEWABLE SOLAR | | | | | | | | | | |
|----------------------------------|----------------|---------|-------------|----------|-------|---------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Get(MU) | |
| NP_KUNTA | | | | | | | | | | |
| ANP_ADANIAPSEVEN(5 * 50) | 250 | 0 | 0 | 251 | 13:47 | 0 | 06:00 | 1.34 | 1.34 | 112 |
| ANP_ATHENA BIWADI(1 * 50) | 50 | 0 | 0 | 53 | 13:44 | 0 | 06:00 | 0.31 | 0.31 | 26 |
| ANP_ATHENA HISAR(1 * 50) | 50 | 0 | 0 | 53 | 11:29 | 0 | 06:00 | 0.3 | 0.3 | 25 |
| ANP_ATHENA KARNAL(1 * 50) | 50 | 0 | 0 | 51 | 12:01 | 0 | 06:00 | 0.3 | 0.3 | 25 |
| ANP_AYANA(1 * 250) | 250 | 0 | 0 | 265 | 13:34 | 0 | 06:00 | 1.6 | 1.6 | 133 |
| ANP_AZURE(1 * 50) | 50 | 0 | 0 | 45 | 11:31 | 0 | 06:05 | 0.24 | 0.24 | 20 |
| ANP_IGS1(1 * 50) | 50 | 0 | 0 | 50 | 11:43 | 48 | 12:29 | 0.28 | 0.28 | 23 |
| ANP_IGS2(1 * 50) | 50 | 0 | 0 | 52 | 13:40 | 0 | 06:00 | 0.28 | 0.28 | 23 |
| ANP_NTPC(5 * 50) | 250 | 0 | 0 | 180 | 11:07 | 1 | 06:13 | 0.95 | 0.95 | 79 |
| ANP_TATA(2 * 50) | 100 | 0 | 0 | 96 | 11:49 | 0 | 06:05 | 0.55 | 0.55 | 46 |
| SPRING ANG ITRA(1 * 250) | 250 | 0 | 0 | 228 | 13:37 | 0 | 06:02 | 1.38 | 1.38 | 115 |
| PAVAGADA | | | | | | | | | | |
| PVG_ADYAH(6 * 50) | 300 | 0 | 0 | 87 | 00:00 | 0 | 14:10 | 2.09 | 2.09 | 174 |
| PVG_AMPLUS PAVAGADA(1 * 50) | 50 | 0 | 0 | 52 | 12:09 | 1 | 06:00 | 0.36 | 0.36 | 30 |
| PVG_AMPLUS TUMKUR(1 * 50) | 50 | 0 | 0 | 149 | 10:28 | 1 | 06:00 | 0.45 | 0.45 | 38 |
| PVG_AVAADA SOLAR(3 * 50) | 150 | 0 | 0 | 151 | 12:19 | 1 | 06:00 | 0.98 | 0.98 | 82 |
| PVG_AVAADA SOLARISE(3 * 50) | 150 | 0 | 0 | 232 | 10:05 | 1 | 06:00 | 1.15 | 1.15 | 96 |
| PVG_AZURE POWER EARTH (2 * 50) | 100 | 0 | 0 | 77 | 13:35 | 1 | 06:00 | 0.58 | 0.58 | 48 |
| PVG_FORTUM FIN SURYA(2 * 50) | 100 | 0 | 0 | 75 | 10:41 | 1 | 06:00 | 0.48 | 0.48 | 40 |
| PVG_IRCON_S | 225 | 0 | 0 | 106 | 00:00 | 0 | - | 2.55 | 2.55 | 213 |
| PVG_KREDL(1 * 50) | 50 | 0 | 0 | 49 | 10:33 | 1 | 06:00 | 0.34 | 0.34 | 28 |
| PVG_PARAMPUJYA(3 * 50) | 150 | 0 | 0 | 214 | 10:12 | 1 | 06:00 | 1 | 1 | 83 |
| PVG_RENEW TN2(1 * 50) | 50 | 0 | 0 | 51 | 13:09 | 1 | 06:00 | 0.4 | 0.4 | 33 |
| PVG_SBG ENERGY(4 * 50) | 200 | 0 | 0 | 194 | 14:21 | 163 | 10:11 | 1.07 | 1.07 | 89 |
| PVG_SPRING SOLAR INDIA(5 * 50) | 250 | 0 | 0 | 245 | 11:10 | 1 | 06:00 | 1.76 | 1.76 | 147 |
| PVG_TATA RENEWABLES(8 * 50) | 400 | 0 | 0 | 437 | 10:05 | 1 | 06:00 | 2.68 | 2.68 | 223 |
| PVG_YARROW(1 * 50) | 50 | 0 | 0 | 51 | 12:23 | 1 | 06:00 | 0.35 | 0.35 | 29 |
| OTHER | | | | | | | | | | |
| GADAG_SERENTICA3_S | 69 | 0 | 0 | 49 | 00:00 | 0 | - | 1.17 | 1.17 | 98 |
| GADAG_VENA_S | 31 | 0 | 0 | 9 | 00:00 | 0 | - | 0.22 | 0.22 | 18 |
| GRT(1 * 150) | 150 | 0 | 0 | 145 | 12:02 | 0 | 06:00 | 0.67 | 0.67 | 56 |
| KOPPAL_KLEIO_S | 105 | 0 | 0 | 28 | 00:00 | 0 | - | 0.67 | 0.67 | 56 |
| KOPPAL_RENEWOJAS_S | 81 | 0 | 0 | 20 | 00:00 | 0 | 14:09 | 0.49 | 0.49 | 41 |
| KOPPAL_SRIIPL_S | 188 | 0 | 2 | 54 | 00:00 | 0 | - | 1.3 | 1.3 | 108 |
| KURNOOL_AMGREEN_S | 599 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |
| NTPC ETTAYAPURAM SOLAR PLANT | 230 | 0 | 0 | 250 | 13:00 | 0 | 06:00 | 1.3 | 1.3 | 108 |
| RAMANGUNDAM (SOLAR)(1 * 100) | 100 | 0 | 0 | 70 | 11:27 | 0 | 06:00 | 0.34 | 0.34 | 28 |
| SIMHADRI (SOLAR)(1 * 25) | 25 | 0 | 0 | 0 | 00:00 | 1 | 14:11 | 0 | 0 | 0 |
| Total | 5,253 | 0 | 2 | | | | | 29.93 | 29.93 | 2,493 |

| | | | | | | | | | | |
|------------------------|--------|--------|--------|---|---|---|---|--------|--------|--|
| Total ISGS IPP Thermal | 22,470 | 14,306 | 11,966 | | | | | 308.16 | 281.42 | |
| STATE THERMAL | 28,342 | 17,152 | 17,043 | | | | | 413.84 | 382.02 | |
| Total CPP Import | | | | | | | | | | |
| Total ISGS & IPP Hydro | | | | | | | | | | |
| HYDEL | 13,487 | 8,074 | 7,701 | - | - | - | - | 179.99 | 178.9 | |
| GAS/NAPTHA/DIESEL | 6,826 | 368 | 215 | - | - | - | - | 7.92 | 7.66 | |
| NUCLEAR | 3,320 | 1,654 | 1,667 | - | - | - | - | 41.39 | 38.44 | |
| WIND | 23,583 | 4,390 | 2,746 | - | - | - | - | 79.86 | 79.86 | |
| SOLAR | 30,643 | 0 | 2 | - | - | - | - | 131.23 | 131.23 | |
| OTHERS | 4,752 | 669 | 557 | - | - | - | - | 28.38 | 28.38 | |

4(A) INTER-REGIONAL EXCHANGES (Import=(+ve) /Export =(-ve))

| SL.No. | Element | 20:00 | 03:00 | Maximum Interchange (MW) | | Import in MU | Export in MU | NET |
|--|------------------------------|-------|-------|--------------------------|-------------|--------------|--------------|--------|
| | | (MW) | MW | Import (MW) | Export (MW) | | | |
| Import/Export between SOUTH REGION and EAST REGION | | | | | | | | |
| 1 | 220KV-UPPER_SILERU-BALIMELA | - | - | - | - | 0 | 0 | 0 |
| 2 | 400KV-GAZUWAKA-JEYPORE | 406 | 607 | 626 | - | 11.81 | 0 | 11.81 |
| 3 | 765KV-SRIKAKULAM-ANGUL | 1,061 | 1,584 | 2,514 | - | 37.39 | 0 | 37.39 |
| 4 | HVDC500KV-TALCHER-KOLAR_DC | 1,479 | 1,480 | 1,976 | - | 35.25 | 0 | 35.25 |
| Sub-Total EAST REGION | | 2,946 | 3,671 | 5,116 | 0 | 84.45 | 0 | 84.45 |
| Import/Export between SOUTH REGION and WEST REGION | | | | | | | | |
| 1 | 220KV-AMBEWADI-PONDA | 0 | 0 | - | - | 0 | 0 | 0 |
| 2 | 220KV-AMBEWADI-XELDEM | 90 | 69 | - | 102 | 0 | 1.38 | -1.38 |
| 3 | 220KV-CHIKKODI-MUDASANGI | 0 | 0 | 10 | - | - | - | - |
| 4 | 220KV-CHIKKODI-TALANGADE | - | - | - | - | - | - | - |
| 5 | 220KV-LOWER_SILERU-BARSUR | - | - | - | - | - | - | - |
| 6 | 400KV-BHADRAVTAHI-RAMAGUNDAM | 929 | 297 | 1,020 | - | 19.5 | 0 | 19.5 |
| 7 | 400KV-KUDGI_PG-KHOLAPUR_PG | 980 | 570 | - | 1,142 | 0 | 17.56 | -17.56 |
| 8 | 765KV-NIZAMABAD-WARDHA | 5 | 1,204 | 2,332 | - | 28.37 | 0 | 28.37 |
| 9 | 765KV-RAICHUR_PG-SHOLAPUR | 830 | 232 | - | 1,257 | 0 | 3.5 | -3.5 |

| | | | | | | | | |
|-----------------------|-------------------------------------|-------|-------|--------|-------|--------|-------|--------|
| 10 | 765KV-WARANGAL(NEW)-WARORA | 249 | 1,164 | 2,354 | - | 29.1 | 0 | 29.1 |
| 11 | HVDC800KV-RAIGARH HVDC-PUGALUR HVDC | 1,441 | 959 | - | 939 | 72 | 0 | 72 |
| Sub-Total WEST REGION | | 4,524 | 4,495 | 5,716 | 3,440 | 148.97 | 22.44 | 126.53 |
| TOTAL IR EXCHANGE | | 7,470 | 8,166 | 10,832 | 3,440 | 233.42 | 22.44 | 210.98 |

4(B) Inter Regional Schedule & Actual Exchange (Import=(+ve) /Export =(-ve)) in MU

| | ISGS+GNA+URS Schedule | T-GNA Bilateral | GDAM Schedule | DAM Schedule | HPDAM Schedule | RTM Schedule | Total IR Schedule | Total IR Actual | NET IR UI |
|-------|-----------------------|-----------------|---------------|--------------|----------------|--------------|-------------------|-----------------|-----------|
| SR-ER | 31.45 | -3.76 | 0 | 0.24 | 0 | 0.16 | 4.47 | 54.846 | 50.376 |
| SR-WR | 38.06 | 33.07 | 0.7 | 34.66 | 0 | 36.75 | 174.04 | 126.534 | -47.506 |
| Total | 69.51 | 29.31 | 0.7 | 34.9 | 0 | 36.91 | 178.51 | 181.38 | 2.87 |

5.Frequency Profile

| | | | | | | | | | |
|-----------|--------|------|--------|--------|--------|--------|--------------------|--------|---------|
| RANGE(Hz) | < 48.8 | < 49 | < 49.2 | < 49.5 | < 49.7 | < 49.9 | >= 49.9 - <= 50.05 | > 50 | > 50.05 |
| % | 0 | 0 | 0 | 0 | 0 | 4.259 | 78.495 | 56.285 | 17.245 |

<-----Frequency (Hz)----->

| Maximum | | Minimum | | Average Frequency | Freq Variation Index | Standard Deviation | Freq. in 15 mnt blk | |
|-----------|----------|-----------|----------|----------------------|-------------------------|-----------------------|---------------------|-------|
| Frequency | Time | Frequency | Time | | | | Max. | Min. |
| 50.299 | 13:03:50 | 49.797 | 19:06:40 | 50.006 | 0.039 | 0.063 | 50.22 | 49.86 |

6.Voltage Profile: 400kV

| STATION | Maximum | | Minimum | | Voltage (in %) | | | |
|-----------------------|---------|-------|---------|-------|----------------|-------|--------|-------|
| | VOLTAGE | TIME | VOLTAGE | TIME | < 380 | < 390 | > 420 | > 430 |
| GHANAPUR - 400KV | 421 | 00:02 | 400 | 06:52 | 0 | 0 | 3.889 | 0 |
| GOOTY - 400KV | 420 | 01:47 | 400 | 07:00 | 0 | 0 | 0 | 0 |
| HIRIYUR - 400KV | 432 | 03:01 | 403 | 09:37 | 0 | 0 | 48.056 | .903 |
| KAIGA - 400KV | 423 | 03:01 | 393 | 07:11 | 0 | 0 | 5.972 | 0 |
| KOLAR_AC - 400KV | 427 | 03:02 | 393 | 09:28 | 0 | 0 | 15.903 | 0 |
| KUDANKULAM - 400KV | 416 | 03:03 | 401 | 11:52 | 0 | 0 | 0 | 0 |
| SHANKARAPALLY - 400KV | 411 | 02:53 | 401 | 09:35 | 0 | 0 | 0 | 0 |
| SOMANAHALLI - 400KV | 421 | 02:01 | 394 | 10:10 | 0 | 0 | 34.583 | 0 |
| SRIPERUMBADUR - 400KV | 407 | 03:03 | 391 | 11:32 | 0 | 0 | 0 | 0 |
| TRICHY - 400KV | 416 | 01:39 | 397 | 10:10 | 0 | 0 | 0 | 0 |
| TRIVANDRUM - 400KV | 423 | 03:59 | 405 | 11:23 | 0 | 0 | 13.264 | 0 |
| VIJAYAWADA - 400KV | 405 | 18:14 | 394 | 18:13 | 0 | 0 | 0 | 0 |

6.1 Voltage Profile: 220kV

| STATION | Maximum | | Minimum | | Voltage (in %) | | | |
|-----------------------|---------|-------|---------|-------|----------------|-------|--------|-------|
| | VOLTAGE | TIME | VOLTAGE | TIME | < 198 | < 210 | > 235 | > 245 |
| GHANAPUR - 220KV | 234 | 23:59 | 220 | 07:08 | 0 | 0 | 0 | 0 |
| GOOTY - 220KV | 228 | 02:02 | 215 | 07:19 | 0 | 0 | 0 | 0 |
| HIRIYUR - 220KV | 231 | 03:01 | 212 | 09:39 | 0 | 0 | 0 | 0 |
| KAIGA - 220KV | 238 | 03:03 | 238 | 03:03 | 0 | 0 | 12.917 | 0 |
| KOLAR_AC - 220KV | 233 | 03:02 | 214 | 09:28 | 0 | 0 | 0 | 0 |
| SOMANAHALLI - 220KV | 228 | 03:01 | 209 | 09:28 | 0 | 1.667 | 0 | 0 |
| SRIPERUMBADUR - 220KV | 0 | 00:00 | 0 | 00:00 | N/A | N/A | N/A | N/A |
| TRICHY - 220KV | 233 | 23:43 | 222 | 09:26 | 0 | 0 | 0 | 0 |
| TRIVANDRUM - 220KV | 233 | 03:58 | 233 | 03:58 | 0 | 0 | 0 | 0 |
| VIJAYAWADA - 220KV | 229 | 17:04 | 222 | 12:14 | 0 | 0 | 0 | 0 |

6.2 Voltage Profile: 765kV

| STATION | Maximum | | Minimum | | Voltage (in %) | | | |
|--------------------|---------|-------|---------|-------|----------------|-------|-------|-------|
| | VOLTAGE | TIME | VOLTAGE | TIME | < 720 | < 750 | > 780 | > 800 |
| KURNOOL - 765KV | 784 | 17:02 | 749 | 06:50 | 0 | .28 | 10.63 | 0 |
| NIZAMABAD - 765KV | 799 | 00:00 | 760 | 06:41 | 0 | 0 | 71.6 | 0 |
| RAICHUR_PG - 765KV | 788 | 02:01 | 756 | 06:49 | 0 | 0 | 41.04 | 0 |
| SRIKAKULAM - 765KV | 797 | 23:59 | 769 | 06:51 | 0 | 0 | 92.57 | 0 |

7.Major Reservoir Particulars

| RESERVOIR | DESIGNED | | | PRESENT | | LAST YEAR | | LAST DAY | | MONTH | |
|--------------|------------|-----------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-----------------------|----------------------|
| | MDDL (Mts) | FRL (Mts) | Energy (MU) | Level (Mts) | Energy (MU) | Level (Mts) | Energy (MU) | Inflow (Mus) | Usage (Mus) | "Prog. Inflow (Mus)"" | "Prog. Usage (Mus)"" |
| NILAGIRIS | 0 | 0 | 1,504 | 0 | 1,474 | 0 | 1,290 | 10.41 | 10.77 | 84.26 | 82.66 |
| IDUKKI | 694.94 | 732.43 | 2,148 | 726.12 | 1,672 | 723.57 | 1,486 | 4.72 | 11.17 | 99.3 | 89 |
| JALAPUT | 818.39 | 838.4 | 534 | 837.67 | 507 | 837.59 | 503 | 1.52 | 1.52 | 25.63 | 17.68 |
| N.SAGAR | 155.45 | 179.9 | 1,398 | 179.53 | 976 | 179.53 | 976 | 31.79 | 19.84 | 298.45 | 177.84 |
| SRISAILAM | 243.84 | 270.7 | 1,392 | 269.23 | 974 | 269.38 | 990 | 36.05 | 32.17 | 532.64 | 291.55 |
| SUPA | 495 | 564 | 3,159 | 560.2 | 2,814 | 562.62 | 3,031 | 5.6 | 12.52 | 104.69 | 126.15 |
| LINGANAMAKKI | 522.73 | 554.5 | 4,557 | 554.03 | 4,427 | 554.11 | 4,452 | 16.47 | 19.64 | 276.39 | 167.84 |
| KAKKI | 908.3 | 981.45 | 916 | 976.17 | 719 | 969.58 | 540 | 4.12 | 5.7 | 51.23 | 51.56 |
| TOTAL | - | - | 15,608 | - | 13,563 | - | 13,268 | 110.68 | 117.8 | 1,472.59 | 1,056.12 |

8(A). Short-Term Open Access Details:

| State | Off- Peak Hours (03:00) | | | | | | | | | | | | |
|--------------|-------------------------|------------------|-----------------|-------------------|-----------------|-------------------|------------------|--------------------|-----------------|------------------|-----------------|-------------------|-----------------|
| | T-GNA Bilateral (MW) | IEX GDAM (MW) | IEX DAM (MW) | IEX HPDAM (MW) | IEX RTM (MW) | PXIL GDAM (MW) | PXIL DAM (MW) | PXIL HPDAM (MW) | PXI RTM (MW) | HPX GDAM (MW) | HPX DAM (MW) | HPX HPDAM (MW) | HPX RTM (MW) |
| AP | -204.36 | -6.76 | 258.74 | 0 | 508.08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KARNATAKA | -630.93 | -107.98 | 21.31 | 0 | -31.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KERALA | -246 | 0 | -9.9 | 0 | 434.28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PONDICHER .. | 0 | 22.25 | 0 | 0 | -22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TAMILNADU | 2,668.45 | 34.6 | 120.45 | 0 | 141.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TELANGANA | -32.63 | -0.4 | 362.11 | 0 | 867.07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 1,554.53 | -58.29 | 752.71 | 0 | 1,896.83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| State | Peak Hours (20:00) | | | | | | | | | | | | |
|--------------|-------------------------|------------------|-----------------|-------------------|-----------------|-------------------|------------------|--------------------|-----------------|------------------|-----------------|-------------------|-----------------|
| | T-GNA Bilateral (MW) | IEX GDAM (MW) | IEX DAM (MW) | IEX HPDAM (MW) | IEX RTM (MW) | PXIL GDAM (MW) | PXIL DAM (MW) | PXIL HPDAM (MW) | PXI RTM (MW) | HPX GDAM (MW) | HPX DAM (MW) | HPX HPDAM (MW) | HPX RTM (MW) |
| AP | -153.33 | -6.5 | -88.81 | 0 | 230.75 | 0 | 96.73 | 0 | 0 | 0 | 0 | 0 | 0 |
| KARNATAKA | -738.93 | -106.25 | -39.43 | 0 | 148.02 | 0 | 0 | 0 | 0 | 0 | 97.9 | 0 | 0 |
| KERALA | -96 | 0 | -5.61 | 0 | 535.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PONDICHER .. | 0 | 1.97 | 1.74 | 0 | 7.33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TAMILNADU | 4,719.09 | 0 | -6.99 | 0 | -205.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TELANGANA | -113.8 | -0.7 | -629.81 | 0 | -557.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 3,617.03 | -111.48 | -768.91 | 0 | 158.4 | 0 | 96.73 | 0 | 0 | 0 | 97.9 | 0 | 0 |

| State | Day Energy (MU) | | | | | | |
|----------------|-------------------|-----------------|---------------|--------------|----------------|--------------|------------|
| | ISGS+GNA Schedule | T-GNA Bilateral | GDAM Schedule | DAM Schedule | HPDAM Schedule | RTM Schedule | Total (MU) |
| ANDHRA PRADESH | 64.3 | -3.91 | -0.11 | 6.01 | 0 | 15.41 | 81.7 |
| KARNATAKA | 82.64 | -14.23 | -2.36 | 4.88 | 0 | 3.18 | 74.11 |
| KERALA | 46.19 | -2.95 | 0.27 | 0.33 | 0 | 8.82 | 52.66 |
| PONDICHERY | 9.82 | 0.11 | 0.33 | 0.09 | 0 | -0.25 | 10.1 |
| TAMILNADU | 150.82 | 61.6 | 1.38 | 3.98 | 0 | -4.02 | 213.76 |
| TELANGANA | 79.49 | -0.21 | 1.28 | 21.53 | 0 | 9.62 | 111.71 |
| TOTAL | 433.26 | 40.41 | 0.79 | 36.82 | 0 | 32.76 | 544.04 |

8(B). Short-Term Open Access Details

| State | ISGS+GNA Schedule | | T-GNA Bilateral (MW) | | IEX GDAM (MW) | | PXIL GDAM(MW) | | HPX GDAM(MW) | | IEX DAM (MW) | | PXIL DAM(MW) | |
|----------------|-------------------|----------|----------------------|---------|---------------|---------|---------------|---------|--------------|---------|--------------|----------|--------------|---------|
| | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum |
| ANDHRA PRADESH | 3,718.78 | 1,776.28 | -119.64 | -207.67 | 137.29 | -666.5 | 0 | 0 | 0 | 0 | 861.18 | -94 | 96.73 | 0 |
| KARNATAKA | 4,943.26 | 2,415.47 | -413.33 | -738.93 | -64.38 | -125.79 | 0 | -11.03 | 0 | 0 | 1572.86 | -44.76 | 0 | 0 |
| KERALA | 2,468.46 | 1,588.94 | -66.33 | -246 | 34.82 | 0 | 0 | 0 | 0 | 0 | 58.68 | -9.9 | 0 | 0 |
| PONDICHERY | 446.53 | 365.3 | 14.03 | 0 | 86.09 | 0 | 0 | 0 | 0 | 0 | 61.06 | 0 | 0 | 0 |
| TAMILNADU | 6,968.81 | 5,129.25 | 6,103.73 | 0 | 169.18 | 0 | 0 | 0 | 0 | 0 | 470.72 | -58.26 | 0 | 0 |
| TELANGANA | 4,124.18 | 2,399.21 | 107.24 | -115.6 | 194.65 | -0.7 | 0 | 0 | 0 | 0 | 3461.73 | -1779.81 | 0 | 0 |

| State | HPX DAM(MW) | | IEX HPDAM (MW) | | PXIL HPDAM(MW) | | HPX HPDAM(MW) | | IEX RTM (MW) | | PXIL RTM(MW) | | HPX RTM(MW) | |
|----------------|-------------|---------|----------------|---------|----------------|---------|---------------|---------|--------------|-----------|--------------|---------|-------------|---------|
| | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum |
| ANDHRA PRADESH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,156.62 | -37.4 | 0 | 0 | 0 | 0 |
| KARNATAKA | 97.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,132.76 | -297.77 | 0 | 0 | 0 | 0 |
| KERALA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 861.33 | -1 | 145.1 | 0 | 0 | 0 |
| PONDICHER .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54.17 | -75 | 0 | 0 | 0 | 0 |
| TAMILNADU | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 338.83 | -2,561.85 | 0 | 0 | 0 | 0 |
| TELANGANA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,369.57 | -1,204.2 | 0 | 0 | 0 | 0 |

9. Synchronisation of new generating units :

| SL.NO | Station Name | Owner | Inst. Capacity (MW) | Date | Time |
|-------|--------------|-------|----------------------|------|------|
|-------|--------------|-------|----------------------|------|------|

10. Synchronisation of new 220 / 400 / 765 KV Transmission elements and energising of bus /substation :

11.Significant events (If any):

| |
|---|
| 1) 400KV-YADADRI TPP-CHOUTUPPAL-I &2 first time idle charged from CHOUTUPPAL at 13:01Hrs and 13:02Hrs respectively. |
|---|

12.Constraints and instances of congestion in the transmission system

| |
|---|
| 1) 400kV Somanahalli Mylasandra S/C line availed S/D on 03.08.2025/15:38Hrs for construction related works associated with the upcoming 400kV Dommasandra (New) substation, for a period of four months. Expected revival on 31.12.2025 |
| 2) KUDANKULAM U#1(1000 MW) shutdown taken from 01.08.2025 for refueling. The unit is expected to be synchronized back to the grid by September 25, 2025 |
| 3) 400KV-ALAMATHY-NCTPS_STAGE_II-1 & 400KV-NCTPS_STAGE_II-SUNGAVARACHATRAM-2 lines shutdown availed for providing of loop jumper between 400KV Manali-Sungavarchatram I feeder at loc 50. |
| 4) SR import ATC reduced by 900 MW due to Emergency S/D of 765KV-KURNOOL_PG_III-MAHESHWARAM_PG-2 w.e.f 29 to 53 Time block |

13. Weather Condition:

| |
|--|
| Andhra Pradesh : Light rains reported in East Godawari, west Godawari and Krishna district. |
| Karnataka: Moderate rains reported in Bangalore,Mysore,Mandya,Hassan,Chamarajanagar districts and light rains reported in isolated places. |
| Tamilnadu: Light to moderate rains reported throughout the state. |
| Telangana: Light rains reported isolated places in state. |
| Kerala: Light rains reported isolated places in state |

14. RE/Load Curtailment details

| State | Load Curtailment (Shortage) | | | RE Curtailment | | | | Reason |
|----------------|-----------------------------|---------|-------------------------------|----------------|------------|--------|------------|--------|
| | Energy | Maximum | At the time of maximum demand | Wind | | Solar | | |
| | MU | MW | MW | Max MW | Energy(MU) | Max MW | Energy(MU) | |
| ANDHRA PRADESH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| KARNATAKA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| KERALA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TAMILNADU | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PONDICHERRY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TELANGANA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

15.Instances of persistant/significant non-complaint with grid code

| State | Frequency and Deviation | | | | Voltage | | | | ICT loading | | | |
|----------------|-------------------------|-----------|-------------------|----------------|---------|-----------|-------------------|----------------|-------------|-----------|-------------------|----------------|
| | Alert | Emergency | Extreme Emergency | Non Compliance | Alert | Emergency | Extreme Emergency | Non Compliance | Alert | Emergency | Extreme Emergency | Non Compliance |
| ANDHRA PRADESH | 2 | 2 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| KARNATAKA | 0 | 0 | 0 | 0 | 7 | 4 | 0 | 0 | 2 | 2 | 0 | 0 |
| KERALA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TAMILNADU | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 1 | 4 | 0 | 0 |
| PONDICHERRY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TELANGANA | 0 | 0 | 0 | 0 | 19 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |

REMARKS:

Shift In Charge