# GRID CONTROLLER OF INDIA LIMITED
# SOUTHERN REGIONAL LOAD DESPATCH CENTRE
## DAILY OPERATION REPORT OF SOUTHERN REGION

Power Supply Position in Southern Region For 24-Aug-2025

**Date of Reporting:25-Aug-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 # |
| 46,750 | 0 | 46,750 | 50.03 | 43,468 | 0 | 43,468 | 49.97 | 1,139.07 | 0 |

* MW Availabilty 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 | 108.79 | 21.19 | 0 | 42.62 | 15.12 | 2.59 | 35.13 | 33.98 | -1.15 | 225.43 | 224.29 | 0 |
| KARNATAKA | 41.99 | 43.63 | 0 | 54.9 | 32.08 | 12.87 | 12.42 | 10.36 | -2.06 | 197.9 | 195.85 | 0 |
| KERALA | 0 | 40.4 | 0 | 0.66 | 1.48 | 0.3 | 34.89 | 34.51 | -0.39 | 77.73 | 77.34 | 0 |
| PONDICHERRY | 0 | 0 | 0.54 | 0 | 0.07 | 0 | 9.11 | 9.04 | -0.08 | 9.72 | 9.65 | 0 |
| TAMILNADU | 72.6 | 24.73 | 1.7 | 64.53 | 52.2 | 4.84 | 130.08 | 129.7 | -0.38 | 350.68 | 350.3 | 0 |
| TELANGANA | 84.53 | 39.9 | 0 | 0.63 | 17.17 | 3.8 | 133.95 | 135.61 | 1.66 | 279.97 | 281.64 | 0 |
| Region | 307.91 | 169.85 | 2.24 | 163.34 | 118.12 | 24.4 | 355.58 | 353.2 | -2.4 | 1,141.43 | 1,139.07 | 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 | Day Energy(Net MU) | |
|---|---|---|---|---|---|---|---|---|---|
| | Demand Met | Shortage(-)/Surplus(+) # | Requirement at Evening peak | Demand Met | Shortage(-)/Surplus(+) # | Requirement at Off-Peak | (MW) | ForeCast (LGBR) (mus) | Deviation[Forecast(LGBR) -Consumption] (mus) |
| ANDHRA PRADESH | 9,324 | 0 | 9,324 | 8,592 | 0 | 8,592 | 9,326 | 226 | -1.71 |
| KARNATAKA | 8,691 | 0 | 8,691 | 6,385 | 0 | 6,385 | 8,113 | 193.04 | 2.81 |
| KERALA | 3,949 | 0 | 3,949 | 3,035 | 0 | 3,035 | 3,108 | 77.84 | -0.49 |
| PONDICHERRY | 416 | 0 | 416 | 365 | 0 | 365 | 375 | 9.9 | -0.25 |
| TAMILNADU | 15,025 | 0 | 15,025 | 14,006 | 0 | 14,006 | 14,869 | 353 | -2.7 |
| TELANGANA | 9,345 | 0 | 9,345 | 11,085 | 0 | 11,085 | 12,212 | 286 | -4.36 |
| Region | 46,750 | 0 | 46,750 | 43,468 | 0 | 43,468 | 48,003 | 1,145.78 | -6.7 |

### 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 | 10,352 | 09:27 | 0 | 10,352 | 10,352 | 09:27 | 0 | 10,352 | 844.53 | 10:34 | -464.18 | 14:25 |
| KAR | 9,993 | 10:00 | 0 | 9,993 | 9,993 | 10:00 | 0 | 9,993 | 822.15 | 10:27 | -548.72 | 15:59 |
| KER | 3,994 | 21:30 | 0 | 3,994 | 3,994 | 21:30 | 0 | 3,994 | 339.8 | 08:13 | -772.22 | 14:27 |
| PONDY | 435 | 21:30 | 0 | 435 | 435 | 21:30 | 0 | 435 | 80.79 | 23:20 | -51.66 | 17:30 |
| TN | 15,865 | 19:00 | 0 | 15,865 | 15,865 | 19:00 | 0 | 15,865 | 1,145.03 | 08:00 | -700.75 | 10:38 |
| TG | 15,031 | 09:25 | 0 | 15,031 | 15,031 | 09:25 | 0 | 15,031 | 556.56 | 17:30 | -888.09 | 08:31 |
| Region | 52,928 | 09:19:29 | 0 | 52,928 | 52,928 | 09:19:29 | 0 | 52,928 | 2,927.46 | 10:30 | -1,086.77 | 21:48 |

### 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 | 959 | 937 | 999 | 19:45 | 568 | 14:05 | 16.58 | 15.59 | 650 |
| KRISHNAPATTANAM ( 3 * 800 ) | 2,400 | 1,049 | 1,017 | 1,115 | 22:24 | 778 | 08:43 | 23.78 | 22.41 | 934 |
| RAYALASEEMA TPP( 1 * 600 + 5 * 210 ) | 1,650 | 941 | 980 | 1,014 | 19:05 | 894 | 14:22 | 24.66 | 22.27 | 928 |
| SEIL P2 UNIT-2( 1 * 660 ) | 660 | 626 | 624 | 631 | 01:45 | 333 | 14:09 | 13.06 | 12.31 | 513 |
| VIJAYAWADA TPS( 1 * 800 + 1 * 500 + 6 * 210 ) | 2,560 | 1,539 | 1,493 | 1,704 | 18:52 | 1,421 | 08:42 | 39.63 | 36.21 | 1,509 |
| OTHER THERMAL | 0 | 0 | 0 | 0 | 00:00 | 0 | - | - | - | - |
| Total THERMAL | 8,310 | 5,114 | 5,051 | - | - | - | - | 117.71 | 108.79 | 4,534 |
| HAMPI | 36 | 0 | 0 | 20 | 00:00 | 0 | - | 0.48 | 0.48 | 20 |
| LOWER SILERU( 4 * 115 ) | 460 | 13 | 13 | 126 | 00:55 | 13 | 06:58 | 3.05 | 3.03 | 126 |
| SRISAILAM RBPH( 7 * 110 ) | 770 | 553 | 544 | 557 | 21:43 | 535 | 10:27 | 13.23 | 13.19 | 550 |
| UPPER SILERU( 4 * 60 ) | 240 | 0 | 0 | 166 | 19:23 | 2 | 17:52 | 0.58 | 0.58 | 24 |
| OTHER HYDEL | 431 | 215 | 187 | 215 | 00:00 | 0 | - | 3.91 | 3.9 | 163 |
| Total HYDEL | 1,937 | 781 | 744 | - | - | - | - | 21.25 | 21.18 | 883 |
| GAUTAMI CCPP( 1 * 174 + 2 * 145 ) | 464 | 0 | 0 | 0 | 00:00 | 0 | 06:58 | 0 | 0 | 0 |
| GMR (BARG)( 1 * 237 ) | 237 | 0 | 0 | 0 | 00:00 | 0 | 06:58 | 0 | 0 | 0 |
| JEGURUPADU (GAS)( 1 * 49.9 + 1 * 75.5 + 2 * 45.8 ) | 217 | 0 | 0 | 0 | 00:00 | 0 | 06:58 | 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 | 06:58 | 0 | 0 | 0 |
| LANCO (GAS)( 1 * 121 + 2 * 115 ) | 351 | 0 | 0 | 0 | 00:00 | 0 | 06:58 | 0 | 0 | 0 |
| RELIANCE ENERGY LTD. (GAS)( 1 * 140 + 1 * 80 ) | 220 | 0 | 0 | 0 | 00:00 | 0 | 06:58 | 0 | 0 | 0 |
| SPECTRUM (GAS)( 1 * 46.8 + 1 * 68.8 + 2 * 46.1 ) | 208 | 0 | 0 | 0 | 00:00 | 0 | 06:58 | 0 | 0 | 0 |
| VEMAGIRI POWER GENERATION LTD.(GAS)( 1 * 137 + 1 * 233 ) | 370 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| VIJJESWARAM GTS( 1 * 112.5 + 1 * 34 + 1 * 59.5 + 2 * 33 ) | 272 | 0 | 0 | 0 | 00:00 | 0 | 06:58 | 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 | 1,537 | 1,763 | 2,376 | 10:36 | 1,282 | 07:33 | 42.62 | 42.62 | 1,776 |
| SOLAR | 3,192 | 0 | 0 | 2,143 | 11:08 | 1 | 06:00 | 15.12 | 15.12 | 630 |
| OTHERS | 619 | 120 | 119 | 134 | 00:55 | 115 | 06:58 | 2.59 | 2.59 | 108 |
| Total AP | 21,178 | 7,552 | 7,677 | - | - | - | - | 199.29 | 190.3 | 7,931 |

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 | 729 | 578 | 753 | 19:07 | 545 | 13:43 | 15.59 | 13.9 | 579 |
| KAKATIYA ST1&ST2( 1 * 500 + 1 * 600 ) | 1,100 | 1,037 | 852 | 1,050 | 20:38 | 585 | 16:11 | 19.36 | 18.25 | 760 |
| KOTHAGUDEM TPS( 1 * 500 + 1 * 800 + 2 * 250 ) | 1,800 | 1,064 | 1,017 | 1,194 | 09:04 | 975 | 13:35 | 26.63 | 24.74 | 1,031 |
| RAMAGUNDAM-B( 1 * 62.5 ) | 63 | 0 | 0 | 0 | 00:00 | 0 | 06:58 | 0 | 0 | 0 |
| SINGARENI TPS( 2 * 600 ) | 1,200 | 1,079 | 682 | 1,217 | 22:07 | 655 | 06:14 | 18.55 | 17.31 | 721 |
| YADADRI( 2 * 800 ) | 1,600 | 455 | 458 | 528 | 08:56 | 446 | 06:54 | 11.07 | 10.32 | 430 |
| Total THERMAL | 6,843 | 4,364 | 3,587 | | | | | 91.2 | 84.52 | 3,521 |
| NAGARJUNA SAGAR( 1 * 110 + 7 * 100.8 ) | 816 | 817 | 808 | 824 | 23:46 | 786 | 10:32 | 19.75 | 19.69 | 820 |
| NAGARJUNA SAGAR (PUMP)( 1 * 110 + 7 * 100.8 ) | 816 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |
| SRISAILAM LBPH( 6 * 150 ) | 900 | 700 | 685 | 702 | 20:04 | 673 | 12:39 | 16.56 | 16.53 | 689 |
| SRISAILAM LBPH(PUMP)( 6 * 150 ) | 900 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |
| OTHER HYDEL | 957 | 152 | 142 | 154 | 00:00 | 0 | 06:58 | 3.71 | 3.69 | 154 |
| Total HYDEL | 2,673 | 1,669 | 1,635 | | | | | 40.02 | 39.91 | 1,663 |
| WIND | 128 | 0 | 0 | 26 | 00:00 | 0 | - | 0.63 | 0.63 | 26 |
| SOLAR | 3,811 | 0 | 0 | 2,401 | 11:21 | 6 | 06:03 | 17.17 | 17.17 | 715 |
| OTHERS | 252 | 0 | 0 | 158 | 00:00 | 0 | - | 3.8 | 3.8 | 158 |
| Total TG | 13,707 | 6,033 | 5,222 | | | | | 152.82 | 146.03 | 6,083 |

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 | 793 | 784 | 825 | 22:48 | 523 | 13:35 | 17.24 | 16.1 | 671 |
| JINDAL( 2 * 130 + 4 * 300 ) | 1,460 | 0 | 0 | 295 | 20:46 | 0 | - | 23.89 | 21.89 | 66 |
| JINDAL (EXCL. CAPTIVE CONSUMPTION)( 2 * 130 + 4 * 300 ) | 1,460 | 0 | 0 | 295 | 20:46 | 0 | 06:30 | 1.58 | 1.58 | 66 |
| RAICHUR TPS( 1 * 250 + 7 * 210 ) | 1,720 | 351 | 375 | 390 | 06:51 | 281 | 16:55 | 9.2 | 8.2 | 342 |
| UPCL( 2 * 600 ) | 1,200 | 1,038 | 307 | 1,055 | 20:01 | 565 | 12:01 | 17.28 | 16.12 | 672 |
| YERAMARAS TPS( 2 * 800 ) | 1,600 | 0 | 0 | 0 | 00:00 | 7 | 09:31 | 0 | 0 | 0 |
| Total THERMAL | 7,680 | 2,182 | 1,466 | - | - | - | - | 45.3 | 42 | 905 |
| NAGJHERI( 1 * 135 + 5 * 150 ) | 885 | 568 | 566 | 6,669 | 09:35 | 0 | 10:45 | 7.71 | 7.61 | 317 |
| SHARAVATHI( 10 * 103.5 ) | 1,035 | 843 | 843 | 860 | 18:05 | 840 | 16:55 | 15.44 | 15.31 | 638 |
| VARAHI UGPH( 4 * 115 ) | 460 | 451 | 255 | 462 | 17:48 | 45 | 10:23 | 4.09 | 4.01 | 167 |
| OTHER HYDEL | 2,137 | 1,304 | 1,019 | 1,304 | 11:59 | 186 | 07:20 | 16.7 | 16.7 | 696 |
| Total HYDEL | 4,517 | 3,166 | 2,683 | - | - | - | - | 43.94 | 43.63 | 1,818 |
| OTHER GAS/NAPTHA/DIESEL | 126 | 0 | 0 | 0 | 00:00 | 1 | 06:58 | 0 | 0 | 0 |
| Total GAS/NAPTHA/DIESEL | 126 | 0 | 0 | - | - | - | - | 0 | 0 | 0 |
| WIND | 5,408 | 2,231 | 2,128 | 2,883 | 11:02 | 1,854 | 07:18 | 54.9 | 54.9 | 2,288 |
| SOLAR | 6,404 | 0 | 0 | 3,985 | 10:14 | 73 | 06:00 | 32.08 | 32.08 | 1,337 |
| OTHERS | 1,832 | 70 | 73 | 1,873 | 08:21 | 55 | 06:37 | 12.87 | 12.87 | 1,873 |
| Total KAR | 25,967 | 7,649 | 6,350 | - | - | - | - | 189.09 | 185.48 | 8,221 |

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 | 759 | 762 | 766 | 20:21 | 99 | 10:36 | 12.88 | 12.84 | 535 |
| LOWER PERIYAR ( 3 * 60 ) | 180 | 166 | 167 | 167 | 00:22 | 84 | 12:13 | 3.56 | 3.55 | 148 |
| SABARIGIRI( 2 * 60 + 4 * 55 ) | 340 | 245 | 246 | 248 | 08:29 | 170 | 12:38 | 5.54 | 5.52 | 230 |
| OTHER HYDEL | 834 | 713 | 692 | 770 | 00:02 | 396 | 06:00 | 18.48 | 18.48 | 770 |
| Total HYDEL | 2,134 | 1,883 | 1,867 | - | - | - | - | 40.46 | 40.39 | 1,683 |
| BRAHMAPURAM DGPP (DIESEL)( 3 * 21.32 ) | 64 | 0 | 0 | 0 | 00:00 | 3 | 13:17 | 0 | 0 | 0 |
| BSES (NAPTHA)( 1 * 35.5 + 3 * 40.5 ) | 157 | 0 | 0 | 0 | 00:00 | 0 | 06:58 | - | - | - |
| KOZHIKODE DPP (DIESEL)( 6 * 16 ) | 96 | 0 | 0 | 0 | 00:00 | 0 | 06:58 | 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 | 06:11 | 0 | 0 | 0 |
| OTHER GAS/NAPTHA/DIESEL | 22 | 0 | 0 | 0 | 00:00 | 0 | 06:58 | - | - | - |
| Total GAS/NAPTHA/DIESEL | 709 | 0 | 0 | - | - | - | - | 0 | 0 | 0 |
| WIND | 70 | 0 | 0 | 28 | 00:00 | 0 | - | 0.66 | 0.66 | 28 |
| SOLAR | 417 | 0 | 0 | 62 | 00:00 | 0 | - | 1.48 | 1.48 | 62 |
| OTHERS | 20 | 0 | 0 | 12 | 00:00 | 0 | - | 0.3 | 0.3 | 13 |
| Total KER | 3,350 | 1,883 | 1,867 | - | - | - | - | 42.9 | 42.83 | 1,786 |

**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 | 989 | 1,152 | 1,220 | 06:53 | 971 | 16:58 | 25.72 | 23.42 | 976 |
| NCTPS STG3( Infirm - 800 MW ) | 0 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |
| NORTH CHENNAI TPS STG-II( 2 * 600 ) | 1,200 | 605 | 823 | 843 | 23:54 | 592 | 12:29 | 18.2 | 16.85 | 702 |
| NORTH CHENNAI TPS( 3 * 210 ) | 630 | 244 | 253 | 271 | 00:19 | 211 | 10:21 | 6.86 | 5.92 | 247 |
| OPG PGPL | 414 | 0 | 0 | 202 | 00:00 | 0 | - | 5.34 | 4.85 | 202 |
| SEPC( 1 * 525 ) | 525 | 493 | 484 | 512 | 06:19 | 238 | 12:00 | 10.24 | 9.7 | 404 |
| ST - CMS( 1 * 250 ) | 250 | 250 | 248 | 252 | 21:41 | 166 | 14:51 | 5.21 | 4.78 | 199 |
| TUTICORIN( 5 * 210 ) | 1,050 | 328 | 318 | 341 | 23:04 | 276 | 17:09 | 8.09 | 7.08 | 295 |
| Total THERMAL | 5,509 | 2,909 | 3,278 | | | | | 79.66 | 72.6 | 3,025 |
| KADAMPARAI ( 4 * 100 ) | 400 | 0 | 98 | 101 | 00:21 | 5 | 15:52 | 0.74 | 0.73 | 30 |
| KADAMPARAI (PUMP)( 4 * 100 ) | 400 | 0 | 0 | 34 | 00:00 | 0 | - | 0.82 | 0.82 | 34 |
| OTHER HYDEL | 1,826 | 778 | 1,088 | 1,088 | 00:19 | 80 | 07:07 | 24.21 | 24 | 1,000 |
| Total HYDEL | 2,226 | 778 | 1,186 | | | | | 25.77 | 24.73 | 1,030 |
| BASIN BRIDGE (NAPTHA)( 4 * 30 ) | 120 | 0 | 0 | 0 | 00:00 | 0 | 06:28 | 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 | 06:29 | 0 | 0 | 0 |
| MADURAI POWER CL (DIESEL)( 1 * 106 ) | 106 | 0 | 0 | 0 | 00:00 | 0 | 06:58 | 0 | 0 | 0 |
| P P NALLUR (NAPTHA)( 1 * 330.5 ) | 331 | 0 | 0 | 0 | 00:00 | 0 | 06:58 | 0 | 0 | 0 |
| SAMALPATTY (DIESEL)( 7 * 15.1 ) | 106 | 0 | 0 | 0 | 00:00 | 0 | 06:58 | 0 | 0 | 0 |
| VALATTUR(STG1&STG2)( 1 * 32 + 1 * 35 + 2 * 60 ) | 187 | 33 | 38 | 71 | 11:36 | 36 | 06:00 | 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 | 33 | 38 | | | | | 1.83 | 1.7 | 71 |
| WIND | 9,299 | 3,870 | 1,648 | 4,449 | 16:23 | 1,200 | 07:01 | 64.53 | 64.53 | 2,689 |
| SOLAR | 8,631 | 0 | 0 | 7,061 | 11:53 | 0 | 06:00 | 52.2 | 52.2 | 2,175 |
| OTHERS | 2,029 | 459 | 459 | 463 | 00:00 | 458 | 06:58 | 4.84 | 4.84 | 202 |
| Total TN | 29,115 | 8,049 | 6,609 | | | | | 228.83 | 220.6 | 9,192 |

### 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 | 0 | 0 | 0 | 00:00 | 1 | 06:27 | 0 | 0 | 0 |
| NEYVELI TS I EXPN ( 2 * 210 ) | 420 | 0 | 168 | 171 | 04:17 | 0 | 13:38 | 2.67 | 2.4 | 100 |
| NEYVELI TS II( 7 * 210 ) | 1,470 | 490 | 432 | 526 | 22:23 | 384 | 13:46 | 13.39 | 10.24 | 427 |
| NEYVELI TS II EXPN ( 2 * 250 ) | 500 | 0 | 0 | 0 | 00:00 | 18 | 06:06 | 0 | 0 | 0 |
| NNTPS( 2 * 500 ) | 1,000 | 913 | 449 | 924 | 20:04 | 391 | 12:21 | 14.03 | 11.87 | 495 |
| NTPC-TELANGANA STPP(2*800) | 1,600 | 576 | 427 | 576 | 20:00 | 0 | - | 11.46 | 10.17 | 424 |
| RAMAGUNDAM( 3 * 200 + 4 * 500 ) | 2,600 | 1,166 | 1,086 | 1,282 | 18:46 | 861 | 11:04 | 29.23 | 26.99 | 1,125 |
| SIMHADRI STAGE I( 2 * 500 ) | 1,000 | 714 | 506 | 881 | 19:34 | 490 | 09:13 | 14.15 | 12.99 | 541 |
| SIMHADRI STAGE II( 2 * 500 ) | 1,000 | 750 | 528 | 921 | 22:22 | 520 | 12:21 | 14.98 | 13.82 | 576 |
| TALCHER ST2( 4 * 500 ) | 2,000 | 1,166 | 1,346 | 1,656 | 00:04 | 615 | 12:26 | 28.98 | 26.77 | 1,115 |
| Total THERMAL | 13,990 | 5,775 | 4,942 | - | - | - | - | 128.89 | 115.25 | 4,803 |
| KAIGA STG1( 2 * 220 ) | 440 | 194 | 190 | 202 | 07:24 | 186 | 06:11 | 5.32 | 4.85 | 202 |
| KAIGA STG2( 2 * 220 ) | 440 | 428 | 427 | 438 | 19:10 | 423 | 06:39 | 11.44 | 10.52 | 438 |
| KUDANKULAM( 2 * 1000 ) | 2,000 | 1,027 | 1,027 | 1,033 | 20:45 | 1,012 | 08:36 | 24.68 | 23.06 | 961 |
| MAPS( 2 * 220 ) | 440 | 238 | 241 | 246 | 09:21 | 222 | 10:01 | 5.34 | 4.35 | 181 |
| Total NUCLEAR | 3,320 | 1,887 | 1,885 | - | - | - | - | 46.78 | 42.78 | 1,782 |
| Total ISGS | 17,310 | 7,662 | 6,827 | | | | | 175.67 | 158.03 | 6,585 |

**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 | 514 | 528 | 627 | 00:49 | 479 | 13:37 | 13.85 | 12.99 | 541 |
| VALLUR TPS( 3 * 500 ) | 1,500 | 868 | 798 | 1,374 | 19:22 | 747 | 11:33 | 20.83 | 18.96 | 790 |
| Total THERMAL | 2,500 | 1,382 | 1,326 | - | - | - | - | 34.68 | 31.95 | 1,331 |
| Total JOINT_VENTURE | 2,500 | 1,382 | 1,326 | | | | | 34.68 | 31.95 | 1,331 |

**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 | 473 | 329 | 513 | 19:46 | 291 | 14:43 | 8.83 | 8.13 | 339 |
| IL&FS( 2 * 600 ) | 1,200 | 543 | 543 | 560 | 00:00 | 296 | 10:56 | 11.78 | 10.96 | 457 |
| JINDAL POWER LIMITED (SIMHAPURI UNIT)( 4 * 150 ) | 600 | 227 | 150 | 311 | 00:26 | 13 | 12:21 | 4.47 | 4 | 167 |
| MEENAKSHI ENERGY LTD STAGE1( 2 * 150 ) | 300 | 0 | 0 | 0 | 00:00 | 0 | 06:56 | 0 | 0 | 0 |
| MEENAKSHI ENERGY LTD STAGE2( 1 * 350 ) | 350 | 0 | 0 | 200 | 00:00 | 0 | - | 5.27 | 4.8 | 200 |
| SEIL P1( 2 * 660 ) | 1,320 | 990 | 1,084 | 1,157 | 00:02 | 493 | 10:43 | 21.11 | 19.84 | 827 |
| SEIL P2 UNIT-1( 1 * 660 ) | 660 | 615 | 611 | 633 | 00:38 | 1 | 11:10 | 12.71 | 12.1 | 504 |
| Total THERMAL | 5,630 | 2,848 | 2,717 | - | - | - | - | 64.17 | 59.83 | 2,494 |
| LKPPL ST2( 1 * 133 + 1 * 233 ) | 366 | 0 | 0 | 0 | 00:00 | 4 | 09:48 | 0 | 0 | 0 |
| LKPPL ST3( 2 * 133 + 2 * 233 ) | 732 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |
| Total GAS/NAPTHA/DIESEL | 1,098 | 0 | 0 | - | - | - | - | 0 | 0 | 0 |
| Total REGIONAL_IPP | 6,728 | 2,848 | 2,717 | | | | | 64.17 | 59.83 | 2,494 |

**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 | 0 | 0 | 0 | 00:00 | 62 | 08:11 | 0 | 0 | 0 |
| GADAG_RSPPL_W | 175 | 151 | 114 | 126 | 20:00 | 179 | 12:43 | 3.03 | 3.03 | 126 |
| GADAG_VENA_W | 133 | 78 | 104 | 111 | 20:00 | 0 | - | 2.66 | 2.66 | 111 |
| GREEN INFRA( 1 * 249.90 ) | 250 | 108 | 4 | 139 | 14:54 | 0 | 10:11 | 1.1 | 1.1 | 46 |
| HIRIYUR_OSTRO( 1 *300.3) | 300 | 0 | 0 | 0 | 00:00 | 0 | 07:00 | 0 | 0 | 0 |
| HIRIYUR_ZREPL_W | 66 | 48 | 49 | 55 | 20:00 | 0 | - | 1.32 | 1.32 | 55 |
| JSW RENEW ENERGY TWO LTD | 300 | 13 | 0 | 212 | 14:25 | 2 | 06:25 | 0.85 | 0.85 | 35 |
| KARUR_JSWRENEW_W | 162 | 116 | 92 | 116 | 20:00 | 0 | - | 1.78 | 1.78 | 74 |
| KARUR_JSWRETWO_W | 150 | 84 | 79 | 90 | 20:00 | 0 | - | 2.15 | 2.15 | 90 |
| KOPPAL_AYANASIX_W | 300 | 181 | 151 | 181 | 20:00 | 0 | - | 4.27 | 4.27 | 178 |
| KOPPAL_RENEWOJAS_W | 308 | 0 | 134 | 317 | 09:47 | 149 | 08:12 | 5.3 | 5.3 | 221 |
| KOPPAL_RENEWROSHNI_W | 291 | 209 | 143 | 248 | 16:30 | 104 | 06:06 | 4.15 | 4.15 | 173 |
| KURNOOL_AMGREEEN_W | 301 | 0 | 0 | 168 | 00:00 | 0 | 06:58 | 4.02 | 4.02 | 168 |
| MYTRA( 1 * 250 ) | 250 | 104 | 6 | 130 | 21:59 | 0 | 06:56 | 1.07 | 1.07 | 45 |
| ORANGE( 1 * 200 ) | 200 | 94 | 8 | 95 | 19:57 | 0 | 08:52 | 0.85 | 0.85 | 35 |
| PGLR_SAUPL_W | 53 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |
| PGLR_SREPL( 1 * 300 ) | 300 | 192 | 168 | 237 | 23:18 | 58 | 11:54 | 3.56 | 3.56 | 148 |
| TUTICORINJSWRENEWW( 1 * 51.3 ) | 540 | 156 | 16 | 156 | 20:00 | 0 | - | 1.69 | 1.69 | 70 |
| VIVID SOLAIRE (BEETAM)( 1 * 220 ) | 220 | 133 | 20 | 152 | 21:04 | 7 | 12:54 | 1.45 | 1.45 | 60 |
| Total RENEWABLE_WIND | 4,354 | 1,667 | 1,088 | | | | | 39.25 | 39.25 | 1,635 |

| 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 | 214 | 09:10 | 1 | 06:00 | 0.86 | 0.86 | 72 |
| ANP_ATHENA BIWADI( 1 * 50 ) | 50 | 0 | 0 | 53 | 14:17 | 0 | 06:00 | 0.32 | 0.32 | 27 |
| ANP_ATHENA HISAR( 1 * 50 ) | 50 | 0 | 0 | 53 | 12:03 | 0 | 06:00 | 0.32 | 0.32 | 27 |
| ANP_ATHENA KARNAL( 1 * 50 ) | 50 | 0 | 0 | 52 | 12:03 | 0 | 06:00 | 0.32 | 0.32 | 27 |
| ANP_AYANA( 1 * 250 ) | 250 | 0 | 0 | 238 | 09:45 | 1 | 06:00 | 0.89 | 0.89 | 74 |
| ANP_AZURE( 1 * 50 ) | 50 | 0 | 0 | 47 | 12:13 | 0 | 06:06 | 0.29 | 0.29 | 24 |
| ANP_IGS1( 1 * 50 ) | 50 | 0 | 0 | 52 | 12:03 | 0 | 06:00 | 0.31 | 0.31 | 26 |
| ANP_IGS2( 1 * 50 ) | 50 | 0 | 0 | 52 | 12:03 | 0 | 06:00 | 0.33 | 0.33 | 28 |
| ANP_NTPC( 5 * 50 ) | 250 | 0 | 0 | 133 | 09:16 | 1 | 06:16 | 0.61 | 0.61 | 51 |
| ANP_TATA( 2 * 50 ) | 100 | 0 | 0 | 95 | 14:17 | 0 | 06:06 | 0.56 | 0.56 | 47 |
| SPRING ANG ITRA( 1 * 250 ) | 250 | 0 | 0 | 187 | 09:17 | 0 | 06:06 | 0.85 | 0.85 | 71 |
| **PAVAGADA** | | | | | | | | | | |
| PVG_ADYAH( 6 * 50 ) | 300 | 0 | 0 | 79 | 00:00 | 0 | 07:00 | 1.89 | 1.89 | 158 |
| PVG_AMPLUS PAVAGADA( 1 * 50 ) | 50 | 0 | 0 | 53 | 11:04 | 1 | 06:00 | 0.36 | 0.36 | 30 |
| PVG_AMPLUS TUMKUR( 1 * 50 ) | 50 | 0 | 0 | 120 | 09:31 | 1 | 06:00 | 0.36 | 0.36 | 30 |
| PVG_AVAADA SOLAR( 3 * 50 ) | 150 | 0 | 0 | 151 | 10:15 | 1 | 06:00 | 0.93 | 0.93 | 78 |
| PVG_AVAADA SOLARISE( 3 * 50 ) | 150 | 0 | 0 | 219 | 09:31 | 1 | 06:00 | 1.01 | 1.01 | 84 |
| PVG_AZURE POWER EARTH ( 2 * 50 ) | 100 | 0 | 0 | 77 | 11:38 | 1 | 06:00 | 0.53 | 0.53 | 44 |
| PVG_FORTUM FIN SURYA( 2 * 50 ) | 100 | 0 | 0 | 74 | 11:04 | 1 | 06:00 | 0.49 | 0.49 | 41 |
| PVG_IRCON_S | 225 | 0 | 0 | 80 | 00:00 | 0 | - | 1.91 | 1.91 | 159 |
| PVG_KREDL( 1 * 50 ) | 50 | 0 | 0 | 49 | 12:38 | 1 | 06:00 | 0.32 | 0.32 | 27 |
| PVG_PARAMPUJYA( 3 * 50 ) | 150 | 0 | 0 | 210 | 09:35 | 1 | 06:00 | 0.92 | 0.92 | 77 |
| PVG_RENEW TN2( 1 * 50 ) | 50 | 0 | 0 | 52 | 12:00 | 1 | 06:01 | 0.37 | 0.37 | 31 |
| PVG_SBG ENERGY( 4 * 50 ) | 200 | 0 | 0 | 197 | 10:34 | 155 | 09:31 | 1.37 | 1.37 | 114 |
| PVG_SPRING SOLAR INDIA( 5 * 50 ) | 250 | 0 | 0 | 169 | 10:22 | 1 | 06:00 | 0.93 | 0.93 | 78 |
| PVG_TATA RENEWABLES( 8 * 50 ) | 400 | 0 | 0 | 396 | 09:35 | 1 | 06:00 | 1.16 | 1.16 | 97 |
| PVG_YARROW( 1 * 50 ) | 50 | 0 | 0 | 51 | 13:27 | 1 | 06:00 | 0.36 | 0.36 | 30 |
| **OTHER** | | | | | | | | | | |
| GADAG_VENA_S | 31 | 0 | 0 | 10 | 00:00 | 0 | - | 0.24 | 0.24 | 20 |
| GRT( 1 * 150 ) | 150 | 0 | 0 | 151 | 12:14 | 0 | 06:00 | 0.95 | 0.95 | 79 |
| KOPPAL_KLEIO_S | 105 | 0 | 0 | 24 | 00:00 | 0 | - | 0.58 | 0.58 | 48 |
| KOPPAL_RENEWOJAS_S | 81 | 0 | 0 | 20 | 00:00 | 0 | 06:58 | 0.47 | 0.47 | 39 |
| KOPPAL_SRI1PL_S | 179 | 0 | 0 | 66 | 00:00 | 0 | - | 1.58 | 1.58 | 132 |
| KURNOOL_AMGREEN_S | 550 | 0 | 0 | 0 | 00:00 | 0 | - | 0 | 0 | 0 |
| NTPC ETTAYAPURAM SOLAR PLANT | 230 | 0 | 0 | 249 | 13:32 | 1 | 06:00 | 0 | 1.56 | 130 |
| RAMANGUNDAM (SOLAR)( 1 * 100 ) | 100 | 0 | 0 | 102 | 11:04 | 0 | 06:00 | 0.59 | 0.59 | 49 |
| SIMHADRI (SOLAR)( 1 * 25 ) | 25 | 0 | 0 | 0 | 00:00 | 0 | 10:02 | 0 | 0 | 0 |
| Total | 5,126 | 0 | 0 | | | | | 22.98 | 24.54 | 2,049 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Total ISGS IPP Thermal | 22,120 | 10,005 | 8,985 | | | | | 227.74 | 207.03 | |
| STATE THERMAL | 28,342 | 14,569 | 13,382 | | | | | 333.87 | 307.91 | |
| Total CPP Import | | | | | | | | | | |
| Total ISGS & IPP Hydro | | | | | | | | | | |
| HYDEL | 13,487 | 8,277 | 8,115 | - | - | - | - | 170.87 | 169.84 | |
| GAS/NAPTHA/DIESEL | 6,826 | 33 | 38 | - | - | - | - | 2.41 | 2.24 | |
| NUCLEAR | 3,320 | 1,887 | 1,885 | - | - | - | - | 46.78 | 42.79 | |
| WIND | 23,343 | 9,305 | 6,627 | - | - | - | - | 202.59 | 202.59 | |
| SOLAR | 27,683 | 0 | 0 | - | - | - | - | 142.66 | 142.66 | |
| OTHERS | 4,752 | 649 | 651 | - | - | - | - | 24.4 | 24.4 | |

**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 | 111 | 112 | 317 | - | 2.67 | 0 | 2.67 |
| 3 | 765KV-SRIKAKULAM-ANGUL | 1,250 | 1,659 | 2,192 | - | 29.61 | 0 | 29.61 |
| 4 | HVDC500KV-TALCHER-KOLAR_DC | 1,479 | 1,577 | 1,627 | - | 32.3 | 0 | 32.3 |
| | Sub-Total EAST REGION | 2,840 | 3,348 | 4,136 | 0 | 64.58 | 0 | 64.58 |
| | Import/Export between SOUTH REGION and WEST REGION | | | | | | | |
| 1 | 220KV-AMBEWADI-PONDA | 0 | 0 | - | - | 0 | 0 | 0 |
| 2 | 220KV-AMBEWADI-XELDEM | 100 | 84 | - | 114 | 0 | 2.19 | -2.19 |
| 3 | 220KV-CHIKKODI-MUDASANGI | 0 | 0 | 8 | - | - | - | - |
| 4 | 220KV-CHIKKODI-TALANGADE | - | - | - | - | - | - | - |
| 5 | 220KV-LOWER_SILERU-BARSUR | - | - | - | - | - | - | - |
| 6 | 400KV-BHADRAVTAHI-RAMAGUNDAM | 350 | 310 | 351 | - | 0 | 7.58 | -7.58 |
| 7 | 400KV-KUDGI_PG-KHOLAPUR_PG | 1,320 | 958 | - | 1,867 | 0 | 30.15 | -30.15 |
| 8 | 765KV-NIZAMABAD-WARDHA | 579 | 1,426 | 2,344 | - | 24.48 | 0 | 24.48 |
| 9 | 765KV-RAICHUR_PG-SHOLAPUR | 1,023 | 103 | - | 1,476 | 0 | 13.92 | -13.92 |
| 10 | 765KV-WARANGAL(NEW)-WARORA | 302 | 1,205 | 2,036 | - | 16 | 0 | 16 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 11 | HVDC800KV-RAIGARH HVDC-PUGALUR HVDC | 281 | 281 | - | 553 | 18.9 | 0 | 18.9 |
| Sub-Total WEST REGION | | 3,955 | 4,367 | 4,739 | 4,010 | 59.38 | 53.84 | 5.54 |
| TOTAL IR EXCHANGE | | 6,795 | 7,715 | 8,875 | 4,010 | 123.96 | 53.84 | 70.12 |

**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 | 16.89 | -2.96 | 0 | 0 | 0 | 0 | 0.75 | 37.807 | 37.057 |
| SR-WR | -3.6 | -23.43 | -2.85 | 37.58 | 0 | 42.31 | 55.51 | 5.534 | -49.976 |
| Total | 13.29 | -26.39 | -2.85 | 37.58 | 0 | 42.31 | 56.26 | 43.341 | -12.919 |

**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 | 6.296 | 68.542 | 62.049 | 25.162 |

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

| Maximum | | Minimum | | Average | Freq Variation | Standard | Freq. in 15 mnt blk | |
|---|---|---|---|---|---|---|---|---|
| Frequency | Time | Frequency | Time | Frequency | Index | Deviation | Max. | Min. |
| 50.279 | 12:37:50 | 49.75 | 17:41:20 | 50.017 | 0.06 | 0.075 | 50.23 | 49.83 |

**6.Voltage Profile: 400kV**

| | Maximum | | Minimum | | Voltage (in %) | | | |
|---|---|---|---|---|---|---|---|---|
| STATION | VOLTAGE | TIME | VOLTAGE | TIME | < 380 | < 390 | > 420 | > 430 |
| GHANAPUR - 400KV | 424 | 23:55 | 402 | 08:12 | 0 | 0 | 35.208 | 0 |
| GOOTY - 400KV | 423 | 02:45 | 395 | 09:35 | 0 | 0 | 13.819 | 0 |
| HIRIYUR - 400KV | 423 | 02:45 | 394 | 09:35 | 0 | 0 | 17.5 | 0 |
| KAIGA - 400KV | 420 | 01:26 | 391 | 09:35 | 0 | 0 | 1.25 | 0 |
| KOLAR_AC - 400KV | 425 | 03:54 | 395 | 09:37 | 0 | 0 | 23.472 | 0 |
| KUDANKULAM - 400KV | 415 | 02:31 | 401 | 11:32 | 0 | 0 | 0 | 0 |
| SHANKARAPALLY - 400KV | 415 | 20:14 | 408 | 09:09 | 0 | 0 | 0 | 0 |
| SOMANAHALLI - 400KV | 420 | 02:41 | 392 | 09:35 | 0 | 0 | .903 | 0 |
| SRIPERUMBADUR - 400KV | 414 | 03:38 | 403 | 09:37 | 0 | 0 | 0 | 0 |
| TRICHY - 400KV | 416 | 05:30 | 398 | 09:30 | 0 | 0 | 0 | 0 |
| TRIVANDRUM - 400KV | 417 | 03:38 | 400 | 11:13 | 0 | 0 | 0 | 0 |
| VIJAYAWADA - 400KV | 404 | 18:03 | 393 | 11:51 | 0 | 0 | 0 | 0 |

**6.1 Voltage Profile: 220kV**

| | Maximum | | Minimum | | Voltage (in %) | | | |
|---|---|---|---|---|---|---|---|---|
| STATION | VOLTAGE | TIME | VOLTAGE | TIME | < 198 | < 210 | > 235 | > 245 |
| GHANAPUR - 220KV | 236 | 23:58 | 221 | 08:17 | 0 | 0 | 12.431 | 0 |
| GOOTY - 220KV | 230 | 02:47 | 216 | 09:39 | 0 | 0 | 0 | 0 |
| HIRIYUR - 220KV | 229 | 02:25 | 212 | 09:35 | 0 | 0 | 0 | 0 |
| KAIGA - 220KV | 237 | 14:07 | 237 | 14:07 | 0 | 0 | 25.903 | 0 |
| KOLAR_AC - 220KV | 232 | 02:41 | 215 | 09:37 | 0 | 0 | 0 | 0 |
| SOMANAHALLI - 220KV | 226 | 03:55 | 209 | 09:38 | 0 | .278 | 0 | 0 |
| SRIPERUMBADUR - 220KV | 0 | 00:00 | 0 | 00:00 | N/A | N/A | N/A | N/A |
| TRICHY - 220KV | 231 | 00:00 | 220 | 09:19 | 0 | 0 | 0 | 0 |
| TRIVANDRUM - 220KV | 230 | 03:59 | 221 | 09:37 | 0 | 0 | 0 | 0 |
| VIJAYAWADA - 220KV | 230 | 18:02 | 223 | 09:31 | 0 | 0 | 0 | 0 |

**6.2 Voltage Profile: 765kV**

| | Maximum | | Minimum | | Voltage (in %) | | | |
|---|---|---|---|---|---|---|---|---|
| STATION | VOLTAGE | TIME | VOLTAGE | TIME | < 720 | < 750 | > 780 | > 800 |
| KURNOOL - 765KV | 792 | 18:02 | 753 | 09:33 | 0 | 0 | 42.92 | 0 |
| NIZAMABAD - 765KV | 801 | 22:54 | 767 | 07:08 | 0 | 0 | 84.38 | 13.96 |
| RAICHUR_PG - 765KV | 794 | 02:45 | 758 | 09:35 | 0 | 0 | 59.17 | 0 |
| SRIKAKULAM - 765KV | 788 | 17:05 | 767 | 06:30 | 0 | 0 | 26.88 | 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 | 1,456 | 0 | 1,238 | 9.6 | 11.57 | 341.47 | 250.58 |
| IDUKKI | 694.94 | 732.43 | 2,148 | 725.75 | 1,642 | 722.11 | 1,384 | 9.35 | 12.82 | 397.05 | 283.83 |
| JALAPUT | 818.39 | 838.4 | 534 | 837.39 | 493 | 836.07 | 436 | 5.4 | 1.53 | 144.84 | 49.6 |
| N.SAGAR | 155.45 | 179.9 | 1,398 | 178.28 | 910 | 179.65 | 982 | 30.42 | 17.73 | 1,072.82 | 406.5 |
| SRISAILAM | 243.84 | 270.7 | 1,392 | 268.68 | 919 | 269.57 | 1,008 | 20.66 | 29.54 | 1,256.22 | 728.51 |
| SUPA | 495 | 564 | 3,159 | 557 | 2,539 | 558.45 | 2,663 | 0.03 | 15.26 | 362.81 | 274.01 |
| LINGANAMAKKI | 522.73 | 554.5 | 4,557 | 553.82 | 4,356 | 553.73 | 4,327 | 0.05 | 18.9 | 778.54 | 360.67 |
| KAKKI | 908.3 | 981.45 | 916 | 976.42 | 734 | 967.5 | 489 | 0 | 5.8 | 179.14 | 140.05 |
| TOTAL | - | - | 15,608 | - | 13,049 | - | 12,527 | 75.51 | 118.69 | 4,532.89 | 2,589.12 |

**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 | -202.3 | -15.31 | 41.47 | 0 | 98.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KARNATAKA | -614.73 | -118.5 | -49.28 | 0 | -16.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KERALA | -75.62 | 0 | -10.8 | 0 | 95.43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PONDICHER .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TAMILNADU | -35 | 41.55 | 957.22 | 0 | 115.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TELANGANA | -23.8 | 5.5 | 1,179.27 | 0 | 1,205.22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | -951.45 | -86.76 | 2,117.88 | 0 | 1,499.02 | 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 | -206.71 | -15.81 | 353.89 | 0 | 254.47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KARNATAKA | -767.73 | -94.66 | -85.6 | 0 | -25.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KERALA | -75.62 | 30.31 | 55.03 | 0 | 207.89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PONDICHER .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TAMILNADU | 887.8 | 55.89 | 285.36 | 0 | -136.68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TELANGANA | -116.68 | 14.5 | 293.93 | 0 | 408.35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | -278.94 | -9.77 | 902.61 | 0 | 708.23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| State | Day Energy (MU) | | | | | | |
|---|---|---|---|---|---|---|---|
| | ISGS+GNA Schedule | T-GNA Bilateral | GDAM Schedule | DAM Schedule | HPDAM Schedule | RTM Schedule | Total (MU) |
| ANDHRA PRADESH | 33.13 | -4.65 | 0.36 | 4.72 | 0 | 1.57 | 35.13 |
| KARNATAKA | 40.29 | -14.65 | -7.46 | -2.54 | 0 | -3.22 | 12.42 |
| KERALA | 31.65 | -1.46 | 0.59 | 0.57 | 0 | 3.54 | 34.89 |
| PONDICHERRY | 8.94 | 0.05 | 0 | 0 | 0 | 0.12 | 9.11 |
| TAMILNADU | 131.35 | 5.21 | 1.79 | -5.88 | 0 | -2.39 | 130.08 |
| TELANGANA | 47.17 | -0.38 | 1.9 | 42.28 | 0 | 42.98 | 133.95 |
| TOTAL | 292.53 | -15.88 | -2.82 | 39.15 | 0 | 42.6 | 355.58 |

**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 | 1,806.45 | 646.95 | -162.14 | -220.96 | 78.8 | -17.11 | 0 | 0 | 0 | 0 | 551.35 | -71.36 | 0 | 0 |
| KARNATAKA | 2,799.33 | 784.76 | -452.59 | -767.75 | -75.9 | -1,251 | 0 | 0 | 0 | 0 | -20.79 | -303.61 | 0 | 0 |
| KERALA | 1,983.31 | 683.23 | -41.17 | -75.62 | 57.63 | 0 | 0 | 0 | 0 | 0 | 61.69 | -10.8 | 0 | 0 |
| PONDICHERRY | 464.91 | 297.83 | 6.76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TAMILNADU | 6,445.88 | 3,663.68 | 917.94 | -77 | 162.94 | 0 | 0 | 0 | 0 | 0 | 1324.32 | -1781.19 | 0 | 0 |
| TELANGANA | 3,287.05 | 738.12 | 105.25 | -116.68 | 198.15 | 4.23 | 0 | 0 | 0 | 0 | 4339.66 | -2.52 | 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 | 262.18 | -482.41 | 0 | 0 | 0 | 0 |
| KARNATAKA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -8.93 | -599.36 | 0 | 0 | 0 | 0 |
| KERALA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 319 | -1.1 | 0 | 0 | 0 | 0 |
| PONDICHER .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 83.02 | -46 | 0 | 0 | 0 | 0 |
| TAMILNADU | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 751.74 | -1,214.59 | 0 | 0 | 0 | 0 |
| TELANGANA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,049.06 | -1.1 | 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):**

At 13:41 hrs, Hoody ICT-1 tripped resulting in ~315 MW load loss in KPTCL system. As informed by KPTCL, the tripping occurred due to (i) R-phase CB flashover of 220 kV Sobha line at Hoody and (ii) rigid bus conductor snapping of 220 kV HAL-1 line at Hoody.

**12.Constraints and instances of congestion in the transmission system**

1) 400kV Somanahalli Mylasandra S/C line availed S/D on 0.3.08.2025/15:38Hrs 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) Due to S/D of 765KV Warangal - Warora 1 SR export ATC reduced by 150 MW and import ATC reduced by 700 MW from 36 to 87 time block
4)Due to S/D of 765KV Durg - Warada S/D SR import ATC reduced by 500 MW w.e.f 20.09.25

**13. Weather Condition:**

Tamilnadu: Light rains reported in Chennai area.

**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 | 0 | 0 | 0 | 0 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| KARNATAKA | 0 | 1 | 0 | 0 | 12 | 6 | 0 | 0 | 4 | 4 | 0 | 0 |
| KERALA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TAMILNADU | 1 | 1 | 0 | 0 | 11 | 0 | 0 | 0 | 2 | 1 | 0 | 0 |
| PONDICHERRY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TELANGANA | 0 | 0 | 0 | 0 | 9 | 17 | 1 | 0 | 0 | 0 | 0 | 0 |

**REMARKS:**

**Shift In Charge**