

**National Load Despatch Centre
Total Transfer Capability for February 2021**

Issue Date: 18th February 2021

Issue Time: 15:00 hrs

Revision No. 23

| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) # | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments |
|--|--|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| NR-WR* | 1st February 2021 to 28th February 2021 | 00-06 | 2500 | 500 | 2000 | 195 | 1805 | | |
| | | 06-18 | | | | 1281 | 719 | | |
| | | 18-24 | | | | 195 | 1805 | | |
| WR-NR* | 1st February 2021 to 04th February 2021 | 00-06 | 17850 | 500 | 17350 | 10800 | 6550 | | |
| | | | 16900** | | 16400** | 9850** | | | |
| | | 06-18 | 17850 | 500 | 17350 | 11189 | 6161 | | |
| | | | 16900** | | 16400** | 10239** | | | |
| | | 18-24 | 17850 | 500 | 17350 | 10800 | 6550 | | |
| | | | 16900** | | 16400** | 9850** | | | |
| | 05th February 2021 | 00-06 | 17850 | 500 | 17350 | 10858 | 6492 | | |
| | | | 16900** | | 16400** | 9908** | | | |
| | | 06-18 | 17850 | 500 | 17350 | 11247 | 6103 | | |
| | | | 16900** | | 16400** | 10297** | | | |
| | | 18-24 | 17850 | 500 | 17350 | 10858 | 6492 | | |
| | | | 16900** | | 16400** | 9908** | | | |
| | 06th February 2021 to 08th February 2021 | 00-06 | 16650 | 500 | 16150 | 10858 | 5292 | | |
| | | | 15700** | | 15200** | 9908** | | | |
| | | 06-18 | 16650 | 500 | 16150 | 11247 | 4903 | | |
| | | | 15700** | | 15200** | 10297** | | | |
| | | 18-24 | 16650 | 500 | 16150 | 10858 | 5292 | | |
| | | | 15700** | | 15200** | 9908** | | | |
| | 09th February 2021 | 00-06 | 16650 | 500 | 16150 | 10858 | 5292 | | |
| | | | 15700** | | 15200** | 9908** | | | |
| | | 06-08 | 16650 | 500 | 16150 | 11247 | 4903 | | |
| | | | 15700** | | 15200** | 10297** | | | |
| | | 08-18 | 15600 | 500 | 15100 | 11247 | 3853 | | |
| | | | 14650** | | 14150** | 10297** | | | |
| 10th February 2021 to 11th February 2021 | 00-06 | 17850 | 500 | 17350 | 10881 | 6469 | | | |
| | | 16900** | | 16400** | 9931** | | | | |
| | 06-08 | 17850 | 500 | 17350 | 11270 | 6080 | | | |
| | | 16900** | | 16400** | 10320** | | | | |
| | 08-18 | 16800 | 500 | 16300 | 11270 | 5030 | | | |
| | | 15850** | | 15350** | 10320** | | | | |
| 12th February 2021 to 15th February 2021 | 00-06 | 17850 | 500 | 17350 | 10881 | 6469 | | | |
| | | 16900** | | 16400** | 9931** | | | | |
| | 06-18 | 17850 | 500 | 17350 | 11270 | 6080 | | | |
| | | 16900** | | 16400** | 10320** | | | | |
| | 18-24 | 17850 | 500 | 17350 | 10881 | 6469 | | | |
| | | 16900** | | 16400** | 9931** | | | | |

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| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) # | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments |
|----------|--|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| WR-NR* | 16th February 2021 to 19th February 2021 | 00-06 | 17400 16450** | 500 | 16900 15950** | 10881 9931** | 6019 | | |
| | | 06-18 | 17400 16450** | 500 | 16900 15950** | 11270 10320** | 5630 | | |
| | | 18-24 | 17400 16450** | 500 | 16900 15950** | 10881 9931** | 6019 | | |
| | 20th February 2021 to 28th February 2021 | 00-06 | 17850 16900** | 500 | 17350 16400** | 10881 9931** | 6469 | | |
| | | 06-18 | 17850 16900** | 500 | 17350 16400** | 11270 10320** | 6080 | | |
| | | 18-24 | 17850 16900** | 500 | 17350 16400** | 10881 9931** | 6469 | | |
| NR-ER* | 1st February 2021 to 12th February 2021 | 00-06 | 2000 | 200 | 1800 | 193 | 1607 | | |
| | | 06-18 | 2000 | | 1800 | 303 | 1497 | | |
| | | 18-24 | 2000 | | 1800 | 193 | 1607 | | |
| NR-ER* | 13th February 2021 to 28th February 2021 | 00-06 | 2000 | 200 | 1800 | 193 | 1607 | | |
| | | 06-18 | 2000 | | 1800 | 603 | 1197 | | |
| | | 18-24 | 2000 | | 1800 | 193 | 1607 | | |
| ER-NR* | 1st February 2021 to 05th February 2021 | 00-24 | 5500 | 300 | 5200 | 4066 | 1134 | | |
| ER-NR* | 06th February 2021 to 08th February 2021 | 00-24 | 5400 | 300 | 5100 | 4066 | 1034 | | |
| ER-NR* | 9th February 2021 | 00-08 | 5400 | 300 | 5100 | 4066 | 1034 | | |
| | | 08-24 | 5050 | 300 | 4750 | 4066 | 684 | | |
| ER-NR* | 10th February 2021 to 11th February 2021 | 00-08 | 5500 | 300 | 5200 | 4066 | 1134 | | |
| | | 08-24 | 5150 | 300 | 4850 | 4066 | 784 | | |
| ER-NR* | 11th February 2021 to 12th February 2021 | 00-24 | 5500 | 300 | 5200 | 4066 | 1134 | | |
| ER-NR* | 13th February 2021 to 15th February 2021 | 00-24 | 5500 | 300 | 5200 | 4181 | 1019 | | |
| ER-NR* | 16th February 2021 to 19th February 2021 | 00-24 | 5400 | 300 | 5100 | 4181 | 919 | | |
| ER-NR* | 20th February 2021 to 28th February 2021 | 00-24 | 5500 | 300 | 5200 | 4181 | 1019 | | |
| W3-ER | 1st February 2021 to 28th February 2021 | 00-24 | No limit is being specified. | | | | | | |
| ER-W3 | 1st February 2021 to 28th February 2021 | 00-24 | No limit is being specified. | | | | | | |
| WR-SR^ | 1st February 2021 | 00-05 | 8000 | 500 | 7500 | 4073 | 3427 | | |
| | | 05-12 | 8000 | | 7500 | | 3427 | | |
| | | 12-22 | 6700 | | 6200 | | 2127 | | |
| | | 22-24 | 6700 | | 6200 | | 2127 | | |
| WR-SR^ | 2nd February 2021 | 00-05 | 8000 | 500 | 7500 | 4073 | 3427 | | |
| | | 05-12 | 8000 | | 7500 | | 3427 | | |
| | | 12-22 | 6700 | | 6200 | | 2127 | | |
| | | 22-24 | 6700 | | 6200 | | 2127 | | |

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| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) # | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments | | | |
|--------------------|--|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|---|------|------|-----|
| WR-SR [^] | 3rd February 2021 | 00-05 | 8000 | 500 | 7500 | 4073 | 3427 | | | | | |
| | | 05-12 | 8000 | | 7500 | | 3427 | | | | | |
| | | 12-22 | 6700 | | 6200 | | 2127 | | | | | |
| | | 22-24 | 6700 | | 6200 | | 2127 | | | | | |
| WR-SR [^] | 4th February 2021 | 00-07 | 6700 | 500 | 6200 | 4073 | 2127 | | | | | |
| | | 07-22 | 6200 | | 5700 | | 1627 | | | | | |
| | | 22-24 | 6200 | | 5700 | | 1627 | | | | | |
| WR-SR [^] | 5th February 2021 | 00-05 | 8000 | 500 | 7500 | 4107 | 3393 | | | | | |
| | | 05-09 | 8000 | | 7500 | | 3393 | | | | | |
| | | 09-22 | 6700 | | 6200 | | 2093 | | | | | |
| | | 22-24 | 6700 | | 6200 | | 2093 | | | | | |
| WR-SR [^] | 6th February 2021 | 00-07 | 8000 | 500 | 7500 | 4107 | 3393 | | | | | |
| | | 07-12 | 7400 | | 6900 | | 2793 | | | | | |
| | | 12-22 | 6050 | | 5550 | | 1443 | | | | | |
| | | 22-24 | 6050 | | 5550 | | 1443 | | | | | |
| WR-SR [^] | 7th February 2021 | 00-05 | 8000 | 500 | 7500 | 4107 | 3393 | | | | | |
| | | 05-07 | 8000 | | 7500 | | 3393 | | | | | |
| | | 07-22 | 7400 | | 6900 | | 2793 | | | | | |
| | | 22-24 | 7400 | | 6900 | | 2793 | | | | | |
| WR-SR [^] | 8th February 2021 to 9th February 2021 | 00-07 | 8000 | 500 | 7500 | 4107 | 3393 | | | | | |
| | | 07-12 | 7750 | | 7250 | | 3143 | | | | | |
| | | 12-24 | 6200 | | 5700 | | 1593 | | | | | |
| WR-SR [^] | 10th February 2021 | 00-05 | 8000 | 500 | 7500 | 4107 | 3393 | | | | | |
| | | 05-12 | 8000 | | 7500 | | 3393 | | | | | |
| | | 12-22 | 6700 | | 6200 | | 2093 | | | | | |
| | | 22-24 | 6700 | | 6200 | | 2093 | | | | | |
| WR-SR [^] | 11th February 2021 to 12th February 2021 | 00-05 | 8000 | 500 | 7500 | 4107 | 3393 | | | | | |
| | | 05-22 | 8000 | | 7500 | | 3393 | | | | | |
| | | 22-24 | 8000 | | 7500 | | 3393 | | | | | |
| WR-SR [^] | 13th February 2021 to 14th February 2021 | 00-05 | 8000 | 500 | 7500 | 4107 | 3393 | | | | | |
| | | 05-07 | 8000 | | 7500 | | 3393 | | | | | |
| | | 07-22 | 7150 | | 6650 | | 2543 | | | | | |
| | | 22-24 | 7150 | | 6650 | | 2543 | | | | | |
| WR-SR [^] | 15th February 2021 to 18th February 2021 | 00-05 | 8000 | 500 | 7500 | 4107 | 3393 | | | | | |
| | | 05-22 | 8000 | | 7500 | | 3393 | | | | | |
| | | 22-24 | 8000 | | 7500 | | 3393 | | | | | |
| WR-SR [^] | 19th February 2021 | 00-05 | 8000 | 500 | 7500 | 4107 | 3393 | | Revised TTC/ATC due to shutdown of HVDC Bhadravati Pole-1 considering Telangana LIS as 950 MW and present sysytem condition | | | |
| | | 05-07 | 8000 | | 7500 | | 3393 | 400 | | | | |
| | | 07-22 | 7500 | | 7000 | | 2893 | 400 | | | | |
| | | 22-24 | 7500 | | 7000 | | 2893 | 400 | | | | |
| WR-SR [^] | 20th February 2021 to 28th February 2021 | 00-05 | 8000 | 500 | 7500 | 4107 | 3393 | | | | | |
| | | 05-22 | 8000 | | 7500 | | 3393 | | | | | |
| | | 22-24 | 8000 | | 7500 | | 3393 | | | | | |
| SR-WR [*] | 1st February 2021 to 28th February 2021 | 00-24 | 4600 | 400 | 4200 | 550 | 3650 | | | | | |
| ER-SR [^] | 1st February 2021 to 18th February 2021 | 00-06 | 5900 | 250 | 5650 | 2673 | 2977 | | | | | |
| | | 06-18 | | | | | 2758 | 2892 | | | | |
| | | 18-24 | | | | | 2673 | 2977 | | | | |
| ER-SR [^] | 19th February 2021 | 00-06 | 5900 | 250 | 5650 | 2673 | 2977 | | Revised TTC/ATC due to shutdown of HVDC Bhadravati Pole-1 considering Telangana LIS as 950 MW and present sysytem condition | | | |
| | | 06-07 | | | | | 5900 | 5650 | | 2758 | 2892 | 150 |
| | | 07-18 | | | | | 5900 | 5650 | | 2758 | 2892 | 150 |
| | | 18-24 | | | | | 5900 | 5650 | | 2673 | 2977 | 150 |
| ER-SR [^] | 20th February 2021 to 28th February 2021 | 00-06 | 5900 | 250 | 5650 | 2673 | 2977 | | | | | |
| | | 06-18 | | | | | 2758 | 2892 | | | | |
| | | 18-24 | | | | | 2673 | 2977 | | | | |

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|----------|--|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| SR-ER * | 1st February 2021 to 28th February 2021 | 00-24 | No limit is being Specified. | | | | | | |
| ER-NER* | 1st February 2021 to 8th February 2021 | 00-02 | 1450 | 45 | 1405 | 474 | 931 | | |
| | | 02-07 | 1450 | | 1405 | 474 | 931 | | |
| | | 07-12 | 1450 | | 1405 | 474 | 931 | | |
| | | 12-17 | 1450 | | 1405 | 474 | 931 | | |
| | | 17-21 | 1020 | | 975 | 474 | 501 | | |
| | | 21-24 | 1450 | | 1405 | 474 | 931 | | |
| ER-NER* | 9th February 2021 | 00-02 | 1450 | 45 | 1405 | 474 | 931 | | |
| | | 02-07 | 1450 | | 1405 | 474 | 931 | | |
| | | 07-12 | 1140 | | 1095 | 474 | 621 | | |
| | | 12-17 | 1140 | | 1095 | 474 | 621 | | |
| | | 17-21 | 770 | | 725 | 474 | 251 | | |
| | | 21-24 | 1140 | | 1095 | 474 | 621 | | |
| ER-NER* | 10th February 2021 to 28th February 2021 | 00-02 | 1450 | 45 | 1405 | 474 | 931 | | |
| | | 02-07 | 1450 | | 1405 | 474 | 931 | | |
| | | 07-12 | 1450 | | 1405 | 474 | 931 | | |
| | | 12-17 | 1450 | | 1405 | 474 | 931 | | |
| | | 17-21 | 1020 | | 975 | 474 | 501 | | |
| | | 21-24 | 1450 | | 1405 | 474 | 931 | | |
| NER-ER* | 1st February 2021 to 8th February 2021 | 00-02 | 2850 | 45 | 2805 | 62 | 2743 | | |
| | | 02-07 | 2850 | | 2805 | 62 | 2743 | | |
| | | 07-12 | 2850 | | 2805 | 62 | 2743 | | |
| | | 12-17 | 2850 | | 2805 | 62 | 2743 | | |
| | | 17-21 | 2950 | | 2905 | 62 | 2843 | | |
| | | 21-24 | 2850 | | 2805 | 62 | 2743 | | |
| NER-ER* | 9th February 2021 | 00-02 | 2850 | 45 | 2805 | 62 | 2743 | | |
| | | 02-07 | 2850 | | 2805 | 62 | 2743 | | |
| | | 07-12 | 2700 | | 2655 | 62 | 2593 | | |
| | | 12-17 | 2700 | | 2655 | 62 | 2593 | | |
| | | 17-21 | 2800 | | 2755 | 62 | 2693 | | |
| | | 21-24 | 2700 | | 2655 | 62 | 2593 | | |
| NER-ER* | 10th February 2021 to 28th February 2021 | 00-02 | 2850 | 45 | 2805 | 62 | 2743 | | |
| | | 02-07 | 2850 | | 2805 | 62 | 2743 | | |
| | | 07-12 | 2850 | | 2805 | 62 | 2743 | | |
| | | 12-17 | 2850 | | 2805 | 62 | 2743 | | |
| | | 17-21 | 2950 | | 2905 | 62 | 2843 | | |
| | | 21-24 | 2850 | | 2805 | 62 | 2743 | | |

| | | | | | | | | | |
|--------------------------|---|-------|---|--|--|--|--|--|--|
| W3 zone Injection | 1st February 2021 to 28th February 2021 | 00-24 | No limit is being specified (In case of any constraints appearing in the system, W3 zone export would be revised accordingly) | | | | | | |
|--------------------------|---|-------|---|--|--|--|--|--|--|

Note: TTC/ATC of S1-(S2&S3) corridor, Import of S3(Kerala), Import of Punjab and Import of DD & DNH is uploaded on NLDC website under Intra-Regional Section in Monthly ATC.

* Fifty Percent (50 %) Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for advanced transactions (Bilateral & First Come First Serve).

**Considering 400 kV Rihand stage-III - Vindhyachal PS D/C line as inter-regional line for the purpose of scheduling, metering and accounting and 950 MW ex-bus generation in Rihand stage-III. Rihand Stage-III generation is considered as NR regional entity.

1) S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala
 2) W3 comprises of the following regional entities :
 a) Chattisgarh Sell transaction, b) Jindal Power Limited (JPL) Stage-I & Stage-II, c) Jindal Steel and Power Limited (JSPL), d) ACBL, e) LANCO Amarkantak
 f) BALCO, g) Sterlite (#1,3,4), h) NSPCL, i) Korba, j) Sipat, k) KSK Mahanadi, L)JDB Power, m) KWPCCL, n)Vandana Viduyut o)RKLM, p)GMR Raikhedra, q)Ind Barath and any other regional entity generator in Chhattisgarh

The figure is based on LTA/MTOA approved by CTU and Allocation figures as per RPCs RTA/REA. In actual Operation, due to Units being on Maintenance/ Fuel shortage/New units being commissioned the LTA/MTOA utilized would vary. RLDC/NLDC would factor this situation on day-ahead basis. In the eventuality that net schedules exceed ATC, real time curtailments might be effected by RLDCs/NLDC.

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|----------|------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
|----------|------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|

In case of TTC Revision due to any shutdown :

- 1) The TTC value will be revised to normal values after restoration of shutdown.
- 2) The TTC value will be revised to normal values if the shutdown is not being availed in real time.

Real Time TTC/ATC revisions are uploaded on POSOCO/NLDC "News Update" (Flasher) Section

^Though 2X315 MVA, 400/220 kV ICTs at Maradam are N-1 non-compliant, the TTC of WR-SR and ER-SR corridor has not been restricted due to the same considering that this aspect will be managed by AP SLDC through appropriate measures like SPS implementation.

^In case of drawl of Karnataka beyond 3800 MW, the voltages in Bengaluru area are observed to be critically low. This issue may be taken care of by Karnataka SLDC by taking appropriate measures.

SR-WR TTC/ATC figures have been calculated considering 01 unit (800 MW) at Kudgi TPS in service. The figures are subject to change with change in generation at Kudgi TPS.

WR-NR/Import of NR TTC has been calculated considering generation at Pariccha TPS as 350 MW. TTC figures are subject to change with significant change in generation at Pariccha TPS.

Simultaneous Import Capability

| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments |
|----------|--|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| NR* | 1st February 2021 to 04th February 2021 | 00-06 | 23350 | 800 | 22550 | 14866 | 7684 | | |
| | | | 22400** | | 21600** | 13916** | | | |
| | | 06-09 | 23350 | | 22550 | 15255 | 7295 | | |
| | | | 22400** | | 21600** | 14305** | | | |
| | | 09-17 | 23350 | | 22550 | 15255 | 7295 | | |
| 22400** | 21600** | | 14305** | | | | | | |
| 17-18 | 23350 | 22550 | 15255 | 7295 | | | | | |
| 18-24 | 23350 | 22550 | 14866 | 7684 | | | | | |
| 22400** | 21600** | 13916** | | | | | | | |
| NR* | 05th February 2021 | 00-06 | 23350 | 800 | 22550 | 14924 | 7626 | | |
| | | | 22400** | | 21600** | 13974** | | | |
| | | 06-09 | 23350 | | 22550 | 15313 | 7237 | | |
| | | | 22400** | | 21600** | 14363** | | | |
| | | 09-17 | 23350 | | 22550 | 15313 | 7237 | | |
| 22400** | 21600** | | 14363** | | | | | | |
| 17-18 | 23350 | 22550 | 15313 | 7237 | | | | | |
| 18-24 | 23350 | 22550 | 14924 | 7626 | | | | | |
| 22400** | 21600** | 13974** | | | | | | | |
| NR* | 06th February 2021 to 08th February 2021 | 00-06 | 22050 | 800 | 21250 | 14924 | 6326 | | |
| | | | 21100** | | 20300** | 13974** | | | |
| | | 06-09 | 22050 | | 21250 | 15313 | 5937 | | |
| | | | 21100** | | 20300** | 14363** | | | |
| | | 09-17 | 22050 | | 21250 | 15313 | 5937 | | |
| 21100** | 20300** | | 14363** | | | | | | |
| 17-18 | 22050 | 21250 | 15313 | 5937 | | | | | |
| 18-24 | 22050 | 21250 | 14924 | 6326 | | | | | |
| 21100** | 20300** | 13974** | | | | | | | |

| | | | | | | | | |
|-------|--|---------|---------|------|---------|---------|------|--|
| NR* | 9th February 2021 | 00-06 | 22050 | 800 | 21250 | 14924 | 6326 | |
| | | | 21100** | | 20300** | 13974** | | |
| | | 06-08 | 22050 | | 21250 | 15313 | 5937 | |
| | | | 21100** | | 20300** | 14363** | | |
| | | 08-09 | 20650 | | 19750 | 15313 | 4537 | |
| | | | 19700** | | 18900** | 14363** | | |
| 09-17 | 20650 | 19750 | 15313 | 4537 | | | | |
| | 19700** | 18900** | 14363** | | | | | |
| 17-18 | 20650 | 19750 | 15313 | 4537 | | | | |
| | 19700** | 18900** | 14363** | | | | | |
| 18-24 | 20650 | 19750 | 14924 | 4926 | | | | |
| | 19700** | 18900** | 13974** | | | | | |
| NR* | 10th February 2021 to 11th February 2021 | 00-06 | 23350 | 800 | 22550 | 14948 | 7602 | |
| | | | 22400** | | 21600** | 13998** | | |
| | | 06-08 | 23350 | | 22550 | 15337 | 7213 | |
| | | | 22400** | | 21600** | 14387** | | |
| | | 08-09 | 21950 | | 21150 | 15337 | 5813 | |
| | | | 21000** | | 20200** | 14387** | | |
| 09-17 | 21950 | 21150 | 15337 | 5813 | | | | |
| | 21000** | 20200** | 14387** | | | | | |
| 17-18 | 21950 | 21150 | 15337 | 5813 | | | | |
| | 21000** | 20200** | 14387** | | | | | |
| 18-24 | 21950 | 21150 | 14948 | 6202 | | | | |
| | 21000** | 20200** | 13998** | | | | | |
| NR* | 12th February 2021 | 00-06 | 23350 | 800 | 22550 | 14948 | 7602 | |
| | | | 22400** | | 21600** | 13998** | | |
| | | 06-09 | 23350 | | 22550 | 15337 | 7213 | |
| | | | 22400** | | 21600** | 14387** | | |
| | | 09-17 | 23350 | | 22550 | 15337 | 7213 | |
| | | | 22400** | | 21600** | 14387** | | |
| 17-18 | 23350 | 22550 | 15337 | 7213 | | | | |
| | 22400** | 21600** | 14387** | | | | | |
| 18-24 | 23350 | 22550 | 14948 | 7602 | | | | |
| | 22400** | 21600** | 13998** | | | | | |

| | | | | | | | | |
|------|--|-------|------------------|-----|------------------|------------------|------|--|
| NR* | 13th February 2021 to 15th February 2021 | 00-06 | 23350 22400** | 800 | 22550 21600** | 15063 14113** | 7487 | |
| | | 06-09 | 23350 22400** | | 22550 21600** | 15452 14502** | 7098 | |
| | | 09-17 | 23350 22400** | | 22550 21600** | 15452 14502** | 7098 | |
| | | 17-18 | 23350 22400** | | 22550 21600** | 15452 14502** | 7098 | |
| | | 18-24 | 23350 22400** | | 22550 21600** | 15063 14113** | 7487 | |
| NR* | 16th February 2021 to 19th February 2021 | 00-06 | 22800 21850** | 800 | 22000 21050** | 15063 14113** | 6937 | |
| | | 06-09 | 22800 21850** | | 22000 21050** | 15452 14502** | 6548 | |
| | | 09-17 | 22800 21850** | | 22000 21050** | 15452 14502** | 6548 | |
| | | 17-18 | 22800 21850** | | 22000 21050** | 15452 14502** | 6548 | |
| | | 18-24 | 22800 21850** | | 22000 21050** | 15063 14113** | 6937 | |
| NR* | 20th February 2021 to 28th February 2021 | 00-06 | 23350 22400** | 800 | 22550 21600** | 15063 14113** | 7487 | |
| | | 06-09 | 23350 22400** | | 22550 21600** | 15452 14502** | 7098 | |
| | | 09-17 | 23350 22400** | | 22550 21600** | 15452 14502** | 7098 | |
| | | 17-18 | 23350 22400** | | 22550 21600** | 15452 14502** | 7098 | |
| | | 18-24 | 23350 22400** | | 22550 21600** | 15063 14113** | 7487 | |
| NER* | 1st February 2021 to 8th February 2021 | 00-02 | 1450 | 45 | 1405 | 474 | 931 | |
| | | 02-07 | 1450 | | 1405 | 474 | 931 | |
| | | 07-12 | 1450 | | 1405 | 474 | 931 | |
| | | 12-17 | 1450 | | 1405 | 474 | 931 | |
| | | 17-21 | 1020 | | 975 | 474 | 501 | |
| | | 21-24 | 1450 | | 1405 | 474 | 931 | |

| | | | | | | | | |
|------|--|-------|-------|-----|-------|------|------|--|
| NER* | 9th February 2021 | 00-02 | 1450 | 45 | 1405 | 474 | 931 | |
| | | 02-07 | 1450 | | 1405 | 474 | 931 | |
| | | 07-12 | 1140 | | 1095 | 474 | 621 | |
| | | 12-17 | 1140 | | 1095 | 474 | 621 | |
| | | 17-21 | 770 | | 725 | 474 | 251 | |
| | | 21-24 | 1140 | | 1095 | 474 | 621 | |
| NER* | 10th February 2021 to 28th February 2021 | 00-02 | 1450 | 45 | 1405 | 474 | 931 | |
| | | 02-07 | 1450 | | 1405 | 474 | 931 | |
| | | 07-12 | 1450 | | 1405 | 474 | 931 | |
| | | 12-17 | 1450 | | 1405 | 474 | 931 | |
| | | 17-21 | 1020 | | 975 | 474 | 501 | |
| | | 21-24 | 1450 | | 1405 | 474 | 931 | |
| WR* | | | | | | | | |
| SR*# | 1st February 2021 | 00-06 | 13900 | 750 | 13150 | 6746 | 6404 | |
| | | 06-12 | 13900 | | 13150 | 6831 | 6319 | |
| | | 12-18 | 12600 | | 11850 | 6831 | 5019 | |
| | | 18-24 | 12600 | | 11850 | 6746 | 5104 | |
| SR*# | 2nd February | 00-06 | 13900 | 750 | 13150 | 6746 | 6404 | |
| | | 06-12 | 13900 | | 13150 | 6831 | 6319 | |
| | | 12-18 | 12600 | | 11850 | 6831 | 5019 | |
| | | 18-24 | 12600 | | 11850 | 6746 | 5104 | |
| SR*# | 3rd February 2021 | 00-06 | 13900 | 750 | 13150 | 6746 | 6404 | |
| | | 06-12 | 13900 | | 13150 | 6831 | 6319 | |
| | | 12-18 | 12600 | | 11850 | 6831 | 5019 | |
| | | 18-24 | 12600 | | 11850 | 6746 | 5104 | |
| SR*# | 4th February 2021 | 00-06 | 12600 | 750 | 11850 | 6746 | 5104 | |
| | | 06-07 | 12600 | | 11850 | 6831 | 5019 | |
| | | 07-18 | 12100 | | 11350 | 6831 | 4519 | |
| | | 18-24 | 12100 | | 11350 | 6746 | 4604 | |
| SR*# | 5th February 2021 | 00-06 | 13900 | 750 | 13150 | 6780 | 6370 | |
| | | 06-09 | 13900 | | 13150 | 6865 | 6285 | |
| | | 09-18 | 12600 | | 11850 | 6865 | 4985 | |
| | | 18-24 | 12600 | | 11850 | 6780 | 5070 | |
| SR*# | 6th February 2021 | 00-06 | 13900 | 750 | 13150 | 6780 | 6370 | |
| | | 06-07 | 13900 | | 13150 | 6865 | 6285 | |
| | | 07-12 | 13300 | | 12550 | 6865 | 5685 | |
| | | 12-18 | 11950 | | 11200 | 6865 | 4335 | |
| | | 18-24 | 11950 | | 11200 | 6780 | 4420 | |

| | | | | | | | | |
|-----------------|--|-------|-------|-----|-------|------|------|-----|
| SR [#] | 7th February 2021 | 00-06 | 13900 | 750 | 13150 | 6780 | 6370 | |
| | | 06-07 | 13900 | | 13150 | 6865 | 6285 | |
| | | 07-18 | 13300 | | 12550 | 6865 | 5685 | |
| | | 18-24 | 13300 | | 12550 | 6780 | 5770 | |
| SR [#] | 8th February 2021 to 9th February 2021 | 00-06 | 13900 | 750 | 13150 | 6780 | 6370 | |
| | | 06-07 | 13900 | | 13150 | 6865 | 6285 | |
| | | 07-12 | 13650 | | 12900 | 6865 | 6035 | |
| | | 12-18 | 12100 | | 11350 | 6865 | 4485 | |
| | | 18-24 | 12100 | | 11350 | 6780 | 4570 | |
| SR [#] | 10th February 2021 | 00-06 | 13900 | 750 | 13150 | 6780 | 6370 | |
| | | 06-12 | 13900 | | 13150 | 6865 | 6285 | |
| | | 12-18 | 12600 | | 11850 | 6865 | 4985 | |
| | | 18-24 | 12600 | | 11850 | 6780 | 5070 | |
| SR [#] | 11th February 2021 to 12th February 2021 | 00-06 | 13900 | 750 | 13150 | 6780 | 6370 | |
| | | 06-18 | 13900 | | 13150 | 6865 | 6285 | |
| | | 18-24 | 13900 | | 13150 | 6780 | 6370 | |
| SR [#] | 13th February 2021 to 14th February 2021 | 00-06 | 13900 | 750 | 13150 | 6780 | 6370 | |
| | | 06-07 | 13900 | | 13150 | 6865 | 6285 | |
| | | 07-18 | 13050 | | 12300 | 6865 | 5435 | |
| | | 18-24 | 13050 | | 12300 | 6780 | 5520 | |
| SR [#] | 15th February 2021 to 18th February 2021 | 00-06 | 13900 | 750 | 13150 | 6780 | 6370 | |
| | | 06-18 | 13900 | | 13150 | 6865 | 6285 | |
| | | 18-24 | 13900 | | 13150 | 6780 | 6370 | |
| SR [#] | 19th February 2021 | 00-06 | 13900 | 750 | 13150 | 6780 | 6370 | |
| | | 06-07 | 13900 | | 13150 | 6865 | 6285 | |
| | | 07-18 | 13400 | | 12650 | 6865 | 5785 | 550 |
| | | 18-24 | 13400 | | 12650 | 6780 | 5870 | 550 |
| SR [#] | 20th February 2021 to 28th February 2021 | 00-06 | 13900 | 750 | 13150 | 6780 | 6370 | |
| | | 06-18 | 13900 | | 13150 | 6865 | 6285 | |
| | | 18-24 | 13900 | | 13150 | 6780 | 6370 | |

* Fifty Percent (50 %) Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for advanced transactions (Bilateral & First Come First Serve).

**Considering 400 kV Rihand stage-III - Vindhyaachal PS D/C line as inter-regional line for the purpose of scheduling, metering and accounting and 950 MW ex-bus generation in Rihand stage-III. Rihand Stage-III generation is considered as NR regional entity.

* For approving STOA Bilateral transactions, margin available in Simultaneous Import of NR would be apportioned on WR-NR Corridor & ER-NR Corridor in the following ratio:

Margin in Simultaneous import of NR = A

WR-NR ATC = B

ER-NR ATC = C

Margin for WR-NR applicants = $A * B / (B + C)$

Margin for ER-NR Applicants = $A * C / (B + C)$

Real Time TTC/ATC revisions are uploaded on POSOCO/NLDC "News Update" (Flasher) Section

#Though 2X315 MVA, 400/220 kV ICTs at Maradam are N-1 non-compliant, the TTC of SR Import has not been restricted due to the same considering that this aspect will be managed by AP SLDC through appropriate measures like SPS implementation.

In case of drawl of Karnataka beyond 3800 MW, the voltages in Bengaluru area are observed to be critically low. This issue may be taken care of by Karnataka by taking appropriate measures.

WR-NR/Import of NR TTC has been calculated considering generation at Pariccha TPS as 350 MW. TTC figures are subject to change with significant change in generation at Pariccha TPS.

| Simultaneous Export Capability | | | | | | | | | |
|--------------------------------|--|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments |
| NR* | 1st February 2021 to 12th February 2021 | 00-06 | 4500 | 700 | 3800 | 388 | 3412 | | |
| | | 06-18 | | | 3800 | 1584 | 2216 | | |
| | | 18-24 | 4500 | | 3800 | 388 | 3412 | | |
| NR* | 13th February 2021 to 28th February 2021 | 00-06 | 4500 | 700 | 3800 | 388 | 3412 | | |
| | | 06-18 | | | 3800 | 1884 | 1916 | | |
| | | 18-24 | 4500 | | 3800 | 388 | 3412 | | |
| NER* | 1st February 2021 to 8th February 2021 | 00-02 | 2850 | 45 | 2805 | 62 | 2743 | | |
| | | 02-07 | 2850 | | 2805 | 62 | 2743 | | |
| | | 07-12 | 2850 | | 2805 | 62 | 2743 | | |
| | | 12-17 | 2850 | | 2805 | 62 | 2743 | | |
| | | 17-21 | 2950 | | 2905 | 62 | 2843 | | |
| | | 21-24 | 2850 | | 2805 | 62 | 2743 | | |
| NER* | 9th February 2021 | 00-02 | 2850 | 45 | 2805 | 62 | 2743 | | |
| | | 02-07 | 2850 | | 2805 | 62 | 2743 | | |
| | | 07-12 | 2700 | | 2655 | 62 | 2593 | | |
| | | 12-17 | 2700 | | 2655 | 62 | 2593 | | |
| | | 17-21 | 2800 | | 2755 | 62 | 2693 | | |
| | | 21-24 | 2700 | | 2655 | 62 | 2593 | | |
| NER* | 10th February 2021 to 28th February 2021 | 00-02 | 2850 | 45 | 2805 | 62 | 2743 | | |
| | | 02-07 | 2850 | | 2805 | 62 | 2743 | | |
| | | 07-12 | 2850 | | 2805 | 62 | 2743 | | |
| | | 12-17 | 2850 | | 2805 | 62 | 2743 | | |
| | | 17-21 | 2950 | | 2905 | 62 | 2843 | | |
| | | 21-24 | 2850 | | 2805 | 62 | 2743 | | |
| WR* | | | | | | | | | |
| | | | | | | | | | |
| SR*^ | 1st February 2021 to 28th February 2021 | 00-24 | 3700 | 400 | 3300 | 1150 | 2150 | | |

* Fifty Percent (50 %) Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for advanced transactions (Bilateral & First Come First Serve).

Real Time TTC/ATC revisions are uploaded on POSOCO/NLDC "News Update" (Flasher) Section

^SR Export TTC/ATC figures have been calculated considering 01 unit (800 MW) at Kudgi TPS in service. The figures are subject to change with change in generation at Kudgi TPS.

| Limiting Constraints (Corridor wise) | | | Applicable Revisions | |
|---|--|--|-----------------------------|--------------|
| Corridor | Constraint | | | |
| WR-NR | N-1 contingency of 1000 MVA, 765/400 kV ICT at Orai will overload the other ICT | | Rev- 0 | |
| | N-1 contingency of 1500 MVA, 765/400 kV ICT at Agra will overload the other ICT | | Rev- 1 to 23 | |
| NR-ER | (n-1) contingency of 400 kV Saranath-Pusauli | | Rev- 0 to 23 | |
| ER-NR | 1. N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt. 2. Inter-regional flow pattern towards NR | | Rev- 0 to 23 | |
| WR-SR and ER-SR | N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT | | Rev- 0 to 22 | |
| | N-1 of one ckt of 765KV Angul-Srikakulam D/C will overload the other ckt | | Rev- 23 | |
| | Low Voltage at Gazuwaka (East) Bus. | | Rev- 0 to 23 | |
| SR-WR | a) N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt b) N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs | | Rev- 0 to 23 | |
| ER-NER | a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C | | Rev- 0 to 23 | |
| NER-ER | a) N-1 contingency of 400 kV Silchar- Azara line b) High Loading of 400 kV Silchar-Killing Line | | Rev- 0 to 23 | |
| W3 zone Injection | --- | | Rev- 0 to 23 | |
| Limiting Constraints (Simultaneous) | | | Applicable Revisions | |
| NR | Import | 1. N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt. 2. Inter-regional flow pattern towards NR | Rev- 0 to 23 | |
| | | N-1 contingency of 1000 MVA, 765/400 kV ICT at Orai will overload the other ICT | | Rev- 0 |
| | Export | N-1 contingency of 1500 MVA, 765/400 kV ICT at Agra will overload the other ICT | | Rev- 1 to 23 |
| | | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Saranath-Pusauli | | Rev- 0 to 23 |
| NER | Import | a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C | Rev- 0 to 23 | |
| | Export | a) N-1 contingency of 400 kV Silchar- Azara line b) High Loading of 400 kV Silchar-Killing Line | Rev- 0 to 23 | |
| SR | Import | N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT | Rev- 0 to 22 | |
| | | N-1 of one ckt of 765KV Angul-Srikakulam D/C will overload the other ckt | Rev- 23 | |
| | | Low Voltage at Gazuwaka (East) Bus | Rev- 0 to 23 | |
| Export | N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs | | Rev- 0 to 23 | |

National Load Despatch Centre
Total Transfer Capability for February 2021

| Revision No | Date of Revision | Period of Revision | Reason for Revision/Comment | Corridor Affected |
|-------------|--------------------|--------------------------------|---|---|
| 1 | 28th Dec 2020 | Whole Month | a) Revision in STOA margin due to change in LTA Quantum from RWE_APL2_SECI-III (Ghadsisa, Wind) to Haryana from earlier 95 MW to 160 MW. b) Revision in TTC/ATC due to change in direction of HVDC BNC-AGRA as per grid requirement | WR-NR/Import of NR |
| 2 | 28th January 2021 | Whole Month | a) Revision in STOA margin of WR-NR/Import of NR due to change in LTA quantum from RWE_APL2_SECI-III (Ghadsisa, Wind) to Haryana from earlier 160 MW to 212.19 MW. b) Revision in STOA margin of WR-NR/Import of NR due to change in LTA quantum from ALFANAR_SECI-III to BYPL & BRPL from earlier 39.1 MW to 41.9 MW respectively. 1) Change in Load-Generation of NER 2) Addition of 3rd unit (1x150 MW) of 4 x 150 MW Kameng Generation 3) Commissioning of 400 kV Imphal(PG) - New Kohima - New Mariani link and associated elements 4) Commissioning of 400/220 kV, 315 MVA ICT II at New Mariani 5) LTA figure revised in NER-ER after declaration of commercial operation of Kameng HEP (4x150MW) unit3 w.e.f 00:00Hrs of 22.01.2021 | WR-NR/Import of NR NER Import/Export |
| 3 | 30th January 2021 | 01st Feb 2021 | Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole1 due to testing of Pole-3 | WR-SR/SR Import |
| 4 | 31st January 2021 | 02nd Feb 2021 | Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole1 due to testing of Pole-3 | WR-SR/SR Import |
| 5 | 01st February 2021 | 03rd Feb 2021 | Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole1 due to testing of Pole-3 | WR-SR/SR Import |
| 6 | 2nd February 2021 | 4th Feb 2021 | Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole1 due to testing of Pole-3 | WR-SR/SR Import |
| 7 | 3rd February 2021 | 5th Feb 2021 | Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole1 due to testing of Pole-3 | WR-SR/SR Import |
| 8 | 4th February 2021 | 5th Feb 2021 to 28th Feb 2021 | Operationalization of LTA granted to M/s Adani Wind Energy Kutchh Three Limited :- a) 39.1 MW to UPPCL b) 18.4 MW to Chandigarh c) 34.5 MW to KSEB | WR-NR/NR Import WR-SR/SR Import |
| 9 | 4th February 2021 | 6th Feb 2021 | TTC/ATC revised due to S/D of :- a) HVDC Raigarh – Pugalur Pole 1 (testing of Pole 3) b) 765kV Sholapur- Raichur-2 | WR-SR/SR Import |
| 10 | 5th February 2021 | 6th Feb 2021 | TTC/ATC revised due to forced outage of HVDC Champa-Kurukshetra Pole-2 | WR-NR/Import of NR |
| 11 | 5th February 2021 | 7th Feb 2021 | TTC/ATC revised due to forced outage of HVDC Champa-Kurukshetra Pole-2 TTC/ATC revised due to S/D of 765kV Raichur- Sholapur-2 | WR-NR/Import of NR WR-SR/SR Import |
| 12 | 6th February 2021 | 8th Feb 2021 | TTC/ATC revised due to S/D of - a) HVDC Raigarh – Pugalur Pole 1 (testing of Pole 3) b) 765kV N.Parli- Warora- 2 | WR-SR/SR Import |
| 13 | 7th February 2021 | 9th Feb 2021 | TTC/ATC revised due to S/D of - a) HVDC Raigarh – Pugalur Pole 1 (testing of Pole 3) b) 765kV N.Parli- Warora- 2 c) 400 kV Bongaigaon - Azara | WR-SR/SR Import NER Import/Export |
| 14 | 8th February 2021 | 9th Feb 2021 | TTC/ATC revised due to S/D of - HVDC Champa -Kurukshetra Pole 2 Shutdown of 765 kV Ajmer - Chittorgarh D/C | WR-NR, ER-NR & NR Import |
| 15 | 8th February 2021 | 10th Feb 2021 | TTC/ATC revised due to S/D of - a) 765 kV Ajmer - Chittorgarh D/C b) HVDC Raigarh – Pugalur Pole 1 (testing of Pole 3) | WR-NR, ER-NR & NR Import WR-SR/SR Import |
| 16 | 9th Feb 2021 | 10th Feb 2021 to 28th Feb 2021 | Operationalization of LTA granted to M/s Alfanar Energy Private Limited on available margins at Bhuj PS :- a) 14.4 to BSES Rajdhani Power Limited , Delhi b) 4.7 to BSES Yamuna Power Limited , Delhi c) 4.7 to TATA Power Delhi Distribuion Limited | WR-NR/Import of NR |
| 17 | 9th Feb 2021 | 11th Feb 2021 | TTC/ATC revised due to S/D of 765kV Ajmer - Chittorgarh D/C | WR-NR/Import of NR |
| 18 | 11th Feb 2021 | 13th Feb 2021 | TTC/ATC revised due to S/D of 765kV Wardha-Nizamabad-2 | WR-SR/SR Import |
| 19 | 12th Feb 2021 | 14th Feb 2021 | TTC/ATC revised due to S/D of 765kV Wardha-Nizamabad-2 | WR-SR/SR Import |
| 20 | 12th Feb 2021 | 13th Feb 2021 to 28th Feb 2021 | Revised due to operationalisation of 300MW MTOA granted form Azure Solar Power ,Rajashtan to Odisha Revised due to revised LTA granted for transfer of power from Nabinagar-1 | NR-ER/ NR Export ER-NR/ NR Import |
| 21 | 14th Feb 2021 | 16th Feb 2021 to 19th Feb 2021 | Revised TTC/ATC due to shutdown of 400KV Mainpuri-Orai (UP) D/C & 400KV Orai(UP)-Banda D/C | WR-NR/ER-NR/NR Import |

| | | | | |
|----|---------------|---------------|--|--------------------------|
| 22 | 17th Feb 2021 | 19th Feb 2021 | TTC/ATC revised due to S/D of HVDC Bhadrawati pole-1 | ER-SR/WR-SR/SR Import |
| 22 | 18th Feb 2021 | 19th Feb 2021 | Revised TTC/ATC due to shutdown of HVDC Bhadrawati Pole-1 considering Telangana LIS as 950 MW and present system condition | ER-SR/WR-SR/SR Import |

| ASSUMPTIONS IN BASECASE | | | | | |
|-------------------------|----------------------------|----------------|--------------------|-----------------------|---------------|
| | | | | Month : February 2021 | |
| S.No. | Name of State/Area | Load | | Generation | |
| | | Peak Load (MW) | Off Peak Load (MW) | Peak (MW) | Off Peak (MW) |
| I | NORTHERN REGION | | | | |
| 1 | Punjab | 7082 | 5944 | 3303 | 3219 |
| 2 | Haryana | 6885 | 6321 | 1819 | 1819 |
| 3 | Rajasthan | 11247 | 11020 | 7767 | 7739 |
| 4 | Delhi | 5022 | 3487 | 672 | 672 |
| 5 | Uttar Pradesh | 14329 | 15067 | 8642 | 8612 |
| 6 | Uttarakhand | 1773 | 1733 | 886 | 604 |
| 7 | Himachal Pradesh | 1015 | 861 | 190 | 139 |
| 8 | Jammu & Kashmir | 1494 | 1461 | 109 | 109 |
| 9 | Chandigarh | 251 | 159 | 0 | 0 |
| 10 | ISGS/PPs | 19 | 19 | 14286 | 11153 |
| | Total NR | 49117 | 46071 | 37675 | 34067 |
| II | EASTERN REGION | | | | |
| 1 | Bihar | 4849 | 3097 | 352 | 344 |
| 2 | Jharkhand | 1502 | 1034 | 378 | 353 |
| 3 | Damodar Valley Corporation | 2755 | 2556 | 4353 | 3476 |
| 4 | Orissa | 3582 | 2895 | 2946 | 2400 |
| 5 | West Bengal | 6439 | 4457 | 4879 | 3510 |
| 6 | Sikkim | 112 | 45 | 0 | 0 |
| 7 | Bhutan | 162 | 168 | 270 | 214 |
| 8 | ISGS/PPs | -162 | -168 | 12566 | 8973 |
| | Total ER | 19239 | 14083 | 25743 | 19269 |
| III | WESTERN REGION | | | | |
| 1 | Maharashtra | 18778 | 13739 | 12230 | 9486 |
| 2 | Gujarat | 15979 | 11721 | 11083 | 7999 |
| 3 | Madhya Pradesh | 15354 | 7101 | 7911 | 4031 |
| 4 | Chattisgarh | 4046 | 2689 | 2384 | 1953 |
| 5 | Daman and Diu | 339 | 292 | 0 | 0 |
| 6 | Dadra and Nagar Haveli | 814 | 774 | 0 | 0 |
| 7 | Goa-WR | 625 | 390 | 0 | 0 |
| 8 | ISGS/PPs | 4017 | 3424 | 41810 | 30230 |
| | Total WR | 59952 | 40130 | 75417 | 53699 |

| S.No. | Name of State/Area | Load | | Generation | |
|-------|----------------------|----------------|--------------------|------------|---------------|
| | | Peak Load (MW) | Off Peak Load (MW) | Peak (MW) | Off Peak (MW) |
| IV | SOUTHERN REGION | | | | |
| 1 | Andhra Pradesh | 9090 | 5024 | 6476 | 5986 |
| 2 | Telangana | 9542 | 10582 | 4884 | 4648 |
| 3 | Karnataka | 10315 | 5023 | 8110 | 3639 |
| 4 | Tamil Nadu | 14023 | 10332 | 6537 | 5162 |
| 5 | Kerala | 3838 | 2287 | 1665 | 95 |
| 6 | Pondy | 303 | 309 | 0 | 0 |
| 7 | Goa-SR | 47 | 48 | 0 | 0 |
| 8 | ISGS/PPs | 0 | 0 | 13941 | 10412 |
| | Total SR | 47158 | 33605 | 41613 | 29942 |
| V | NORTH-EASTERN REGION | | | | |
| 1 | Arunachal Pradesh | 105 | 66 | 12 | 8 |
| 2 | Assam | 1192 | 861 | 288 | 243 |
| 3 | Manipur | 224 | 109 | 0 | 0 |
| 4 | Meghalaya | 322 | 266 | 230 | 189 |
| 5 | Mizoram | 117 | 67 | 48 | 28 |
| 6 | Nagaland | 121 | 94 | 8 | 8 |
| 7 | Tripura | 225 | 135 | 75 | 75 |
| 8 | ISGS/PPs | 139 | 85 | 2580 | 2126 |
| | Total NER | 2444 | 1683 | 3241 | 2676 |
| | Total All India | 177771 | 135487 | 183689 | 139653 |