

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

Issue Date: 26th January 2021

Issue Time: 1730 hrs

Revision No. 13

| 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 January 2021 to 31st January 2021 | 00-06 | 2500 | 500 | 2000 | 195 | 1805 | | | | | |
| | | 06-18 | | | | 1281 | 719 | | | | | |
| | | 18-24 | | | | 195 | 1805 | | | | | |
| WR-NR* | 1st January 2021 to 31st January 2021 | 00-06 | 17850 | 500 | 17350 | 10735 | 6615 | | | | | |
| | | | 16900** | | 16400** | 9785** | | | | | | |
| | | 06-18 | 17850 | 500 | 17350 | 11124 | 6226 | | | | | |
| | | | 16900** | | 16400** | 10174** | | | | | | |
| 18-24 | 17850 | 500 | 17350 | 10735 | 6615 | | | | | | | |
| | 16900** | | 16400** | 9785** | | | | | | | | |
| NR-ER* | 1st January 2021 to 31st January 2021 | 00-06 | 2000 | 200 | 1800 | 193 | 1607 | | | | | |
| | | 06-18 | 2000 | | 1800 | 303 | 1497 | | | | | |
| | | 18-24 | 2000 | | 1800 | 193 | 1607 | | | | | |
| ER-NR* | 1st January 2021 to 31st January 2021 | 00-24 | 5500 | 300 | 5200 | 4066 | 1134 | | | | | |
| W3-ER | 1st January 2021 to 31st January 2021 | 00-24 | No limit is being specified. | | | | | | | | | |
| ER-W3 | 1st January 2021 to 31st January 2021 | 00-24 | No limit is being specified. | | | | | | | | | |
| WR-SR^ | 1st January 2021 to 6th January 2021 | 00-05 | 8000 | 500 | 7500 | 4073 | 3427 | | | | | |
| | | 05-22 | 8000 | | 7500 | | 3427 | | | | | |
| | | 22-24 | 8000 | | 7500 | | 3427 | | | | | |
| | 7th January 2021 | 00-05 | 8000 | 500 | 7500 | 4073 | 3427 | | | | | |
| | | 05-07 | 8000 | | 7500 | | 3427 | | | | | |
| | | 07-22 | 7750 | | 7250 | | 3177 | | | | | |
| | 22-24 | 7750 | 500 | 7250 | 4073 | 3177 | | | | | | |
| | | 00-05 | | 8000 | | 500 | 7500 | | 4073 | 3427 | | |
| | | 05-22 | | 8000 | | | 7500 | | | 3427 | | |
| | 22-24 | 8000 | 7500 | 3427 | | | | | | | | |
| | 9th January 2021 | 00-05 | 8000 | 500 | 7500 | 4073 | 3427 | | | | | |
| | | 05-07 | 8000 | | 7500 | | 3427 | | | | | |
| | | 07-22 | 7100 | | 6600 | | 2527 | | | | | |
| | 22-24 | 7100 | 500 | 6600 | 4073 | 2527 | | | | | | |
| | | 00-05 | | 8000 | | 500 | 7500 | | 4073 | 3427 | | |
| | | 05-07 | | 8000 | | | 7500 | | | 3427 | | |
| | 07-22 | 7100 | 6600 | 2527 | | | | | | | | |
| | 22-24 | 7100 | 500 | 6600 | 4073 | 2527 | | | | | | |
| | | 00-05 | | 8000 | | 500 | 7500 | | 4073 | 3427 | | |
| | | 05-22 | | 8000 | | | 7500 | | | 3427 | | |
| | 22-24 | 8000 | 7500 | 3427 | | | | | | | | |
| | 12th January 2021 | 00-05 | 8000 | 500 | 7500 | 4073 | 3427 | | | | | |
| | | 05-07 | 8000 | | 7500 | | 3427 | | | | | |
| | | 07-22 | 7750 | | 7250 | | 3177 | | | | | |
| 22-24 | 7750 | 500 | 7250 | 4073 | 3177 | | | | | | | |
| | 00-05 | | 8000 | | 500 | 7500 | | 4073 | 3427 | | | |
| | 05-22 | | 8000 | | | 7500 | | | 3427 | | | |
| 22-24 | 8000 | 7500 | 3427 | | | | | | | | | |
| 24th January 2021 | 00-12 | 8000 | 500 | 7500 | 4073 | 3427 | | | | | | |
| | 12-22 | 6700 | | 6200 | | 2127 | | | | | | |
| | 22-24 | 6700 | | 6200 | | 2127 | | | | | | |

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|--------------------|--|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|--|
| WR-SR [^] | 25th January 2021 | 00-05 | 8000 | 500 | 7500 | 4073 | 3427 | | | |
| | | 05-12 | 8000 | | 7500 | | 3427 | | | |
| | | 12-22 | 6700 | | 6200 | | 2127 | | | |
| | | 22-24 | 6700 | | 6200 | | 2127 | | | |
| | 26th January 2021 | 00-05 | 8000 | 500 | 7500 | 4073 | 3427 | | | |
| | | 05-22 | 8000 | | 7500 | | 3427 | | | |
| | | 22-24 | 8000 | | 7500 | | 3427 | | | |
| | 27th January 2021 | 00-05 | 8000 | 500 | 7500 | 4073 | 3427 | | | |
| | | 05-15 | 8000 | | 7500 | | 3427 | | | |
| | | 15-22 | 6700 | | 6200 | | 2127 | | | |
| | | 22-24 | 6700 | | 6200 | | 2127 | | | |
| | 28th January 2021 | 00-05 | 8000 | 500 | 7500 | 4073 | 3427 | | | Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole-1 due to testing of Pole-3 |
| | | 05-12 | 8000 | | 7500 | | 3427 | | | |
| | | 12-22 | 6700 | | 6200 | | 2127 | -1300 | | |
| | | 22-24 | 6700 | | 6200 | | 2127 | -1300 | | |
| | 29th January 2021 to 31st January 2021 | 00-05 | 8000 | 500 | 7500 | 4073 | 3427 | | | |
| 05-22 | | 8000 | 7500 | | 3427 | | | | | |
| 22-24 | | 8000 | 7500 | | 3427 | | | | | |
| SR-WR * | 1st January 2021 to 31st January 2021 | 00-24 | 4600 | 400 | 4200 | 550 | 3650 | | | |
| ER-SR [^] | 1st January 2021 to 8th January 2021 | 00-06 | 5900 | 250 | 5650 | 2673 | 2977 | | | |
| | | 06-18 | | | | 2758 | 2892 | | | |
| | | 18-24 | | | | 2673 | 2977 | | | |
| ER-SR [^] | 9th January 2021 | 00-06 | 250 | 5650 | 2673 | 2977 | | | | |
| | | 06-07 | | | 5900 | 5650 | 2758 | 2892 | | |
| | | 07-18 | | | 5750 | 5500 | 2758 | 2742 | | |
| | | 18-24 | | | 5750 | 5500 | 2673 | 2827 | | |
| ER-SR [^] | 10th January 2021 | 00-06 | 250 | 5650 | 2673 | 2977 | | | | |
| | | 06-07 | | | 5900 | 5650 | 2758 | 2892 | | |
| | | 07-18 | | | 5750 | 5500 | 2758 | 2742 | | |
| | | 18-24 | | | 5750 | 5500 | 2673 | 2827 | | |
| ER-SR [^] | 11th January 2021 to 31st January 2021 | 00-06 | 5900 | 250 | 5650 | 2673 | 2977 | | | |
| | | 06-18 | | | | 2758 | 2892 | | | |
| | | 18-24 | | | | 2673 | 2977 | | | |
| SR-ER * | 1st January 2021 to 31st January 2021 | 00-24 | No limit is being Specified. | | | | | | | |
| ER-NER* | 1st January 2021 | 00-02 | 1400 | 45 | 1355 | 432 | 923 | | | |
| | | 02-07 | 1400 | | 1355 | 432 | 923 | | | |
| | | 07-12 | 1400 | | 1355 | 432 | 923 | | | |
| | | 12-17 | 1400 | | 1355 | 432 | 923 | | | |
| | | 17-21 | 1160 | | 1115 | 432 | 683 | | | |
| | | 21-24 | 1400 | | 1355 | 432 | 923 | | | |

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Revision No. 13

| 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 |
|----------|---------------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| ER-NER* | 2nd January 2021 | 00-08 | 1400 | 45 | 1355 | 432 | 923 | | |
| | | 02-07 | 1400 | | 1355 | 432 | 923 | | |
| | | 07-08 | 1400 | | 1355 | 432 | 923 | | |
| | | 08-12 | 1400 | | 1355 | 432 | 923 | | |
| | | 12-17 | 1400 | | 1355 | 432 | 923 | | |
| | | 17-21 | 1160 | | 1115 | 432 | 683 | | |
| | | 21-24 | 1400 | | 1355 | 432 | 923 | | |
| ER-NER* | 3rd January 2021 to 31st January 2021 | 00-02 | 1400 | 45 | 1355 | 432 | 923 | | |
| | | 02-07 | 1400 | | 1355 | 432 | 923 | | |
| | | 07-12 | 1400 | | 1355 | 432 | 923 | | |
| | | 12-17 | 1400 | | 1355 | 432 | 923 | | |
| | | 17-21 | 1160 | | 1115 | 432 | 683 | | |
| | | 21-24 | 1400 | | 1355 | 432 | 923 | | |
| | | NER-ER* | 1st January 2021 | | 00-02 | 2550 | 45 | 2505 | |
| 02-07 | 2550 | | | 2505 | 42 | 2463 | | | |
| 07-12 | 2550 | | | 2505 | 42 | 2463 | | | |
| 12-17 | 2550 | | | 2505 | 42 | 2463 | | | |
| 17-21 | 2680 | | | 2635 | 42 | 2593 | | | |
| 21-24 | 2550 | | | 2505 | 42 | 2463 | | | |
| NER-ER* | 2nd January 2021 | | | 00-02 | 2550 | 45 | | 2505 | 42 |
| | | 02-07 | 2550 | 2505 | 42 | | 2463 | | |
| | | 07-08 | 2550 | 2505 | 42 | | 2463 | | |
| | | 08-12 | 2550 | 2505 | 42 | | 2463 | | |
| | | 12-17 | 2550 | 2505 | 42 | | 2463 | | |
| | | 17-21 | 2680 | 2635 | 42 | | 2593 | | |
| | | 21-24 | 2550 | 2505 | 42 | | 2463 | | |
| NER-ER* | 3rd January 2021 to 31st January 2021 | 00-02 | 2550 | 45 | 2505 | 42 | 2463 | | |
| | | 02-07 | 2550 | | 2505 | 42 | 2463 | | |
| | | 07-12 | 2550 | | 2505 | 42 | 2463 | | |
| | | 12-17 | 2550 | | 2505 | 42 | 2463 | | |
| | | 17-21 | 2680 | | 2635 | 42 | 2593 | | |
| | | 21-24 | 2550 | | 2505 | 42 | 2463 | | |

| | | | |
|--------------------------|---------------------------------------|-------|---|
| W3 zone Injection | 1st January 2021 to 31st January 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 - 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.

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

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)DB Power, m) KWPC, n)Vandana Vidut o)RKM, p)GMR Raikheda, 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.

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.

SR*#

| | | | | | | | |
|--|-------|-------|-----|-------|------|------|--|
| 1st January 2021 to 6th January 2021 | 00-06 | 13900 | 750 | 13150 | 6746 | 6404 | |
| | 06-18 | 13900 | | 13150 | 6831 | 6319 | |
| | 18-24 | 13900 | | 13150 | 6746 | 6404 | |
| 7th January 2021 | 00-06 | 13900 | 750 | 13150 | 6746 | 6404 | |
| | 06-07 | 13900 | | 13150 | 6831 | 6319 | |
| | 07-18 | 13650 | | 12900 | 6831 | 6069 | |
| | 18-24 | 13650 | | 12900 | 6746 | 6154 | |
| 8th January 2021 | 00-06 | 13900 | 750 | 13150 | 6746 | 6404 | |
| | 06-18 | 13900 | | 13150 | 6831 | 6319 | |
| | 18-24 | 13900 | | 13150 | 6746 | 6404 | |
| 9th January 2021 | 00-06 | 13900 | 750 | 13150 | 6746 | 6404 | |
| | 06-07 | 13900 | | 13150 | 6831 | 6319 | |
| | 07-18 | 12850 | | 12100 | 6831 | 5269 | |
| | 18-24 | 12850 | | 12100 | 6746 | 5354 | |
| 10th January 2021 | 00-06 | 13900 | 750 | 13150 | 6746 | 6404 | |
| | 06-07 | 13900 | | 13150 | 6831 | 6319 | |
| | 07-18 | 12850 | | 12100 | 6831 | 5269 | |
| | 18-24 | 12850 | | 12100 | 6746 | 5354 | |
| 11th January 2021 | 00-06 | 13900 | 750 | 13150 | 6746 | 6404 | |
| | 06-18 | 13900 | | 13150 | 6831 | 6319 | |
| | 18-24 | 13900 | | 13150 | 6746 | 6404 | |
| 12th January 2021 | 00-06 | 13900 | 750 | 13150 | 6746 | 6404 | |
| | 06-07 | 13900 | | 13150 | 6831 | 6319 | |
| | 07-18 | 13650 | | 12900 | 6831 | 6069 | |
| | 18-24 | 13650 | | 12900 | 6746 | 6154 | |
| 13th January 2021 to 23rd January 2021 | 00-06 | 13900 | 750 | 13150 | 6746 | 6404 | |
| | 06-18 | 13900 | | 13150 | 6831 | 6319 | |
| | 18-24 | 13900 | | 13150 | 6746 | 6404 | |
| 24th January 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 | |
| 25th January 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 | |
| 26th January 2021 | 00-06 | 13900 | 750 | 13150 | 6746 | 6404 | |
| | 06-18 | 13900 | | 13150 | 6831 | 6319 | |
| | 18-24 | 13900 | | 13150 | 6746 | 6404 | |
| 27th January 2021 | 00-06 | 13900 | 750 | 13150 | 6746 | 6404 | |
| | 06-15 | 13900 | | 13150 | 6831 | 6319 | |
| | 15-18 | 12600 | | 11850 | 6831 | 5019 | |
| | 18-24 | 12600 | | 11850 | 6746 | 5104 | |

| | | | | | | | | | |
|--|--|-------|-------|-----|-------|------|------|-------|--|
| SR*# | 28th January 2021 | 00-06 | 13900 | 750 | 13150 | 6746 | 6404 | | Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole-1 due to testing of Pole-3 |
| | | 06-12 | 13900 | | 13150 | 6831 | 6319 | | |
| | | 12-18 | 12600 | | 11850 | 6831 | 5019 | -1300 | |
| | | 18-24 | 12600 | | 11850 | 6746 | 5104 | -1300 | |
| | 29th January 2021 to 31st January 2021 | 00-06 | 13900 | 750 | 13150 | 6746 | 6404 | | |
| | | 06-18 | 13900 | | 13150 | 6831 | 6319 | | |
| | | 18-24 | 13900 | | 13150 | 6746 | 6404 | | |
| * 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 implemetation. | | | | | | | | | |
| 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 January 2021 to 31st January 2021 | 00-06 | 4500 | 700 | 3800 | 388 | 3412 | | |
| | | 06-18 | | | 3800 | 1584 | 2216 | | |
| | | 18-24 | 4500 | | 3800 | 388 | 3412 | | |
| NER* | 1st January 2021 | 00-02 | 2550 | 45 | 2505 | 42 | 2463 | | |
| | | 02-07 | 2550 | | 2505 | 42 | 2463 | | |
| | | 07-12 | 2550 | | 2505 | 42 | 2463 | | |
| | | 12-17 | 2550 | | 2505 | 42 | 2463 | | |
| | | 17-21 | 2680 | | 2635 | 42 | 2593 | | |
| | | 21-24 | 2550 | | 2505 | 42 | 2463 | | |
| NER* | 2nd January 2021 | 00-02 | 2550 | 45 | 2505 | 42 | 2463 | | |
| | | 02-07 | 2550 | | 2505 | 42 | 2463 | | |
| | | 07-08 | 2550 | | 2505 | 42 | 2463 | | |
| | | 08-12 | 2550 | | 2505 | 42 | 2463 | | |
| | | 12-17 | 2550 | | 2505 | 42 | 2463 | | |
| | | 17-21 | 2680 | | 2635 | 42 | 2593 | | |
| | | 21-24 | 2550 | | 2505 | 42 | 2463 | | |
| NER* | 3rd January 2021 to 31st January 2021 | 00-02 | 2550 | 45 | 2505 | 42 | 2463 | | |
| | | 02-07 | 2550 | | 2505 | 42 | 2463 | | |
| | | 07-12 | 2550 | | 2505 | 42 | 2463 | | |
| | | 12-17 | 2550 | | 2505 | 42 | 2463 | | |
| | | 17-21 | 2680 | | 2635 | 42 | 2593 | | |
| | | 21-24 | 2550 | | 2505 | 42 | 2463 | | |
| WR* | | | | | | | | | |
| SR*^ | 1st January 2021 to 31st January 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 to 13 |
| NR-ER | (n-1) contingency of 400 kV Saranath-Pusauli | | Rev- 0 to 13 |
| 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 13 |
| WR-SR and ER-SR | n-1 contingency of one ckt of 765 kV Wardha - Nizamabad D/C will overload of the other ckt | | Rev- 0 to 13 |
| | n-1 contingency of one ckt of 765 kV Angul - Srikakulam D/C will overload of the other ckt | | Rev- 0 to 13 |
| | Low Voltage at Gazuwaka (East) Bus. | | Rev- 0 to 13 |
| 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 13 |
| | Low Voltage at Gazuwaka (East) Bus. | | Rev- 0 to 13 |
| SR-WR | a) N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt | | Rev- 0 to 13 |
| 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 13 |
| | a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Balipara-Sonabil(200 MW) | | Rev- 0 to 13 |
| NER-ER | a) N-1 contingency of 400 kV Silchar- Azara line b) High Loading of 400 kV Silchar-Killing Line | | Rev- 0 to 13 |
| W3 zone Injection | --- | | Rev- 0 to 13 |
| 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 13 |
| | | N-1 contingency of 1000 MVA, 765/400 kV ICT at Orai will overload the other ICT | Rev- 0 to 13 |
| | Export | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. | Rev- 0 to 13 |
| | | (n-1) contingency of 400 kV Saranath-Pusauli | |
| 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 13 |
| | Export | a) N-1 contingency of 400 kV Silchar- Azara line b) High Loading of 400 kV Silchar-Killing Line | Rev- 0 to 13 |
| SR | Import | n-1 contingency of one ckt of 765 kV Wardha - Nizamabad D/C will overload of the other ckt | Rev- 0 |
| | | n-1 contingency of one ckt of 765 kV Angul - Srikakulam D/C will overload of the other ckt | |
| | | Low Voltage at Gazuwaka (East) Bus | |
| | Import | N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT Low Voltage at Gazuwaka (East) Bus | Rev- 1 to 13 |
| 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 13 | |

National Load Despatch Centre
Total Transfer Capability for January 2021

| Revision No | Date of Revision | Period of Revision | Reason for Revision/Comment | Corridor Affected |
|-------------|------------------|--------------------|--|-----------------------------------|
| 1 | 28th Oct 2020 | Whole Month | TTC/ATC after commissioning of HVDC Raigarh – Pugalur Pole -1 | WR-SR/ER-SR/Import of SR |
| | | | STOA margin revised due to the following:- <ul style="list-style-type: none"> • Operationalization of 50 MW LTA from APL Ghadsisa (Wind) to Haryana • Revision in LTA quantum from Alfanar Bhuj (Wind) to Delhi DISCOMS from 153 MW to 179 MW • Revision in LTA quantum from SEISPPL_MP (Solar) to TDPPL, Delhi from 90 MW to 180 MW | WR-NR/Import of NR |
| 2 | 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. | WR-NR/Import of NR |
| | | | b) Revision in TTC/ATC due to change in direction of HVDC BNC-AGRA as per grid requirement | |
| 3 | 30th Dec 2020 | Whole Month | 1) Change in Load-Generation of NER 2) Addition of 2x150 MW out of 4x150 MW Kameng Generation 3) Commissioning of 400 kV Imphal(PG) - New Kohima - New Mariani link and associated elements | ER-NER/NER-ER/NER IMPORT & EXPORT |
| 4 | 31st Dec 2020 | 2nd Jan 2021 | Revised TTC/ATC due to shutdown 400KV Bongaigaon-Azara line | ER-NER/NER-ER/NER IMPORT & EXPORT |
| 5 | 01st Jan 2021 | 2nd Jan 2021 | Revised TTC/ATC due to non availing shutdown 400KV Bongaigaon-Azara line | ER-NER/NER-ER/NER IMPORT & EXPORT |
| 6 | 05th Jan 2021 | 7th Jan 2021 | Revised TTC/ATC due to shutdown of 765KV Warora-New Parli-1 | WR-SR/IMPORT OF SR |
| 7 | 07th Jan 2021 | 9th Jan 2021 | Revised TTC/ATC due to day time shutdown of 400 kV Bhadrawati Bus-1 & outage of 400 kV Bhadrawati - Ramagundam II | WR-SR/ER-SR/IMPORT OF SR |
| 8 | 08th Jan 2021 | 10th Jan 2021 | Revised TTC/ATC due to shutdown of 400 kV Bhadrawati Bus-1 & 400 kV Bhadrawati -Ramagundam I | WR-SR/ER-SR/IMPORT OF SR |
| 9 | 10th Jan 2021 | 12th Jan 2021 | Revised TTC/ATC due to shutdown of 765KV Warora-New Parli-2 | WR-SR/IMPORT OF SR |
| 10 | 23rd Jan 2021 | 24th Jan 2021 | Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole 1 for testing of Pole 3 | WR-SR/IMPORT OF SR |
| 11 | 23rd Jan 2021 | 25th Jan 2021 | Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole-1 due to testing of Pole-3 | WR-SR/IMPORT OF SR |
| 12 | 25th Jan 2021 | 27th Jan 2021 | Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole-1 due to testing of Pole-3 | WR-SR/IMPORT OF SR |
| 13 | 26th Jan 2021 | 28th Jan 2021 | Revised TTC/ATC due to s/d of HVDC Raigarh - Pugalur Pole-1 due to testing of Pole-3 | WR-SR/IMPORT OF SR |

| ASSUMPTIONS IN BASECASE | | | | | |
|-------------------------|----------------------------|----------------|----------------------|----------------------|---------------|
| | | | | Month : January 2021 | |
| S.No. | Name of State/Area | Load | | Generation | |
| | | Peak Load (MW) | Issue Time: 1730 hrs | 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) | Issue Time: 1730 hrs | 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/IPPs | 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/IPPs | 139 | 85 | 2580 | 2126 |
| | Total NER | 2444 | 1683 | 3241 | 2676 |
| | Total All India | 177771 | 135487 | 183689 | 139653 |