

**National Load Despatch Centre
Total Transfer Capability for January 2022**

Issue Date: 10th January, 2022

Issue Time: 1100 hrs

Revision No. 12

| 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 2022 to 31st January 2022 | 00-06 | 2500 | 500 | 2000 | 628 | 1372 | | | |
| | | 06-18 | | | | 1856 | 144 | | | |
| | | 18-24 | | | | 628 | 1372 | | | |
| WR-NR* | 1st January 2022 to 31st January 2022 | 00-06 | 19500 18550** | 1000 | 18500 17550** | 11433 10483** | 7067 | | | |
| | | 06-18 | 17800 16850** | 1000 | 16800 15850** | 11822 10872* | 4978 | | | |
| | | 18-21 | 17800 16850** | 1000 | 16800 15850** | 11433 10483** | 5367 | | | |
| | | 21-24 | 19500 18550** | 1000 | 18500 17550** | 11433 10483** | 7067 | | | |
| NR-ER* | 1st January 2022 to 31st January 2022 | 00-06 | 2000 | 200 | 1800 | 93 | 1707 | | | |
| | | 06-18 | | | | 1800 | 1308 | 492 | | |
| | | 18-24 | | | | 1800 | 93 | 1707 | | |
| ER-NR* | 1st January 2022 to 31st January 2022 | 00-06 | 5900 | 400 | 5500 | 4356 | 1144 | | | |
| | | 06-21 | 7600 | 400 | 7200 | 4356 | 2844 | | | |
| | | 21-24 | 5900 | 400 | 5500 | 4356 | 1144 | | | |
| W3-ER | 1st January 2022 to 31st January 2022 | 00-24 | No limit is being specified. | | | | | | | |
| ER-W3 | 1st January 2022 to 31st January 2022 | 00-24 | No limit is being specified. | | | | | | | |
| WR-SR [^] | 1st January 2022 | 00-05 | 10000 | 650 | 9350 | 4118 | 5232 | | | |
| | | 05-22 | 10000 | | 9350 | | 5232 | | | |
| | | 22-24 | 10000 | | 9350 | | 5232 | | | |
| WR-SR [^] | 2nd January 2022 to 5th January 2022 | 00-05 | 10000 | 650 | 9350 | 4118 | 5232 | | | |
| | | 05-22 | 10000 | | 9350 | | 5232 | | | |
| | | 22-24 | 10000 | | 9350 | | 5232 | | | |
| WR-SR [^] | 6th January 2022 | 00-05 | 11250 | 650 | 10600 | 4118 | 6482 | | | |
| | | 05-22 | 11250 | | 10600 | | 6482 | | | |
| | | 22-24 | 11250 | | 10600 | | 6482 | | | |
| WR-SR [^] | 7th January 2022 to 10th January 2022 | 00-05 | 11250 | 650 | 10600 | 4118 | 6482 | | | |
| | | 05-22 | 11250 | | 10600 | | 6482 | | | |
| | | 22-24 | 11250 | | 10600 | | 6482 | | | |
| WR-SR [^] | 11th January 2022 | 00-05 | 11600 | 650 | 10950 | 4118 | 6832 | 350 | Due to revival of 765KV-WARDHA-AURANGABAD-1 | |
| | | 05-22 | 11600 | | 10950 | | 6832 | | | |
| | | 22-24 | 11600 | | 10950 | | 6832 | | | |
| WR-SR [^] | 12th January 2022 to 31st January 2022 | 00-05 | 11600 | 650 | 10950 | 4118 | 6832 | | | |
| | | 05-22 | 11600 | | 10950 | | 6832 | | | |
| | | 22-24 | 11600 | | 10950 | | 6832 | | | |
| SR-WR * | 1st January 2022 to 5th January 2022 | 00-24 | 6600 | 400 | 6200 | 934 | 5266 | | | |
| SR-WR * | 6th January 2022 to 31st January 2022 | 00-24 | 7400 | 400 | 7000 | 934 | 6066 | | | |
| ER-SR [^] | 1st January 2022 | 00-06 | 5750 | 350 | 5400 | 2675 | 2725 | | | |
| | | 06-18 | | | | 2760 | 2640 | | | |
| | | 18-24 | | | | 2675 | 2725 | | | |
| ER-SR [^] | 2nd January 2022 to 5th January 2022 | 00-06 | 5750 | 350 | 5400 | 2675 | 2725 | | | |
| | | 06-18 | | | | 2760 | 2640 | | | |
| | | 18-24 | | | | 2675 | 2725 | | | |

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Total Transfer Capability for January 2022**

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Revision No. 12

| 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-SR ^Δ | 6th January 2022 | 00-06 | 5650 | 350 | 5300 | 2675 | 2625 | | |
| | | 06-18 | | | | 2760 | 2540 | | |
| | | 18-24 | | | | 2675 | 2625 | | |
| ER-SR ^Δ | 7th January 2022 | 00-07 | 5650 | 350 | 5300 | 2675 | 2625 | | |
| | | 06-07 | 5650 | | 5300 | 2760 | 2540 | | |
| | | 07-18 | 4750 | | 4400 | 2760 | 1640 | | |
| | | 18-24 | 4750 | | 4400 | 2675 | 1725 | | |
| ER-SR ^Δ | 8th January 2022 | 00-07 | 4750 | 350 | 4400 | 2675 | 1725 | | |
| | | 06-07 | 4750 | | 4400 | 2760 | 1640 | | |
| | | 07-18 | 3850 | | 3500 | 2760 | 740 | | |
| | | 18-24 | 3850 | | 3500 | 2675 | 825 | | |
| ER-SR ^Δ | 9th January 2022 | 00-06 | 3850 | 350 | 3500 | 2675 | 825 | | |
| | | 06-18 | | | | 2760 | 740 | | |
| | | 18-24 | | | | 2675 | 825 | | |
| ER-SR ^Δ | 10th January 2022 | 00-06 | 4750 | 350 | 4400 | 2675 | 1725 | | |
| | | 06-18 | | | | 2760 | 1640 | | |
| | | 18-24 | | | | 2675 | 1725 | | |
| ER-SR ^Δ | 11th January 2022 | 00-06 | 5700 | 350 | 5350 | 2675 | 2675 | 50 | Due to revival of 765KV-WARDHA-AURANGABAD-1 |
| | | 06-18 | | | | 2760 | 2590 | | |
| | | 18-24 | | | | 2675 | 2675 | | |
| ER-SR ^Δ | 12th January 2022 to 31st January 2022 | 00-06 | 5700 | 350 | 5350 | 2675 | 2675 | | |
| | | 06-18 | | | | 2760 | 2590 | | |
| | | 18-24 | | | | 2675 | 2675 | | |
| SR-ER * | 1st January 2022 to 31st January 2022 | 00-24 | | | | | | | No limit is being Specified. |

| | | | | | | | | | |
|---------|---------------------------------------|-------|------|----|------|-----|------|--|--|
| ER-NER* | 1st January 2022 to 31st January 2022 | 00-02 | 1850 | 60 | 1790 | 455 | 1335 | | |
| | | 02-07 | 1850 | | 1790 | 455 | 1335 | | |
| | | 07-12 | 1850 | | 1790 | 455 | 1335 | | |
| | | 12-17 | 1850 | | 1790 | 455 | 1335 | | |
| | | 17-21 | 1700 | | 1640 | 455 | 1185 | | |
| | | 21-24 | 1850 | | 1790 | 455 | 1335 | | |
| NER-ER* | 1st January 2022 to 31st January 2022 | 00-02 | 2450 | 60 | 2390 | 81 | 2309 | | |
| | | 02-07 | 2450 | | 2390 | 81 | 2309 | | |
| | | 07-12 | 2450 | | 2390 | 81 | 2309 | | |
| | | 12-17 | 2450 | | 2390 | 81 | 2309 | | |
| | | 17-21 | 2250 | | 2190 | 81 | 2109 | | |
| | | 21-24 | 2450 | | 2390 | 81 | 2309 | | |

W3 zone 1st January 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

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 Raikhe, 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.

| 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 January 2022 to 31st January 2022 | 00-06 | 25400 24450** | 1400 | 24000 23050** | 15789 14839** | 8211 | | |
| | | 06-09 | 25400 24450** | | 24000 23050** | 16178 15228** | 7822 | | |
| | | 09-17 | 25400 24450** | | 24000 23050** | 16178 15228** | 7822 | | |
| | | 17-18 | 25400 24450** | | 24000 23050** | 16178 15228** | 7822 | | |
| | | 18-24 | 25400 24450** | | 24000 23050** | 15789 14839** | 8211 | | |
| | | | | | | | | | |
| NER* | 1st January 2022 to 31st January 2022 | 00-02 | 1350 | 60 | 1290 | 455 | 835 | | |
| | | 02-07 | 1350 | | 1290 | 455 | 835 | | |
| | | 07-12 | 1350 | | 1290 | 455 | 835 | | |
| | | 12-17 | 1350 | | 1290 | 455 | 835 | | |
| | | 17-21 | 1200 | | 1140 | 455 | 685 | | |
| | | 21-24 | 1350 | | 1290 | 455 | 835 | | |
| WR* | | | | | | | | | |
| SR*# | 1st January 2022 | 00-06 | 15750 | 1000 | 14750 | 6793 | 7957 | | |
| | | 06-18 | 15750 | | 14750 | 6878 | 7872 | | |
| | | 18-24 | 15750 | | 14750 | 6793 | 7957 | | |
| SR*# | 2nd January 2022 to 5th January 2022 | 00-06 | 15750 | 1000 | 14750 | 6793 | 7957 | | |
| | | 06-18 | 15750 | | 14750 | 6878 | 7872 | | |
| | | 18-24 | 15750 | | 14750 | 6793 | 7957 | | |
| SR*# | 6th January 2022 | 00-06 | 16900 | 1000 | 15900 | 6793 | 9107 | | |
| | | 06-18 | 16900 | | 15900 | 6878 | 9022 | | |
| | | 18-24 | 16900 | | 15900 | 6793 | 9107 | | |
| SR*# | 7th January 2022 | 00-06 | 16900 | 1000 | 15900 | 6793 | 9107 | | |
| | | 06-07 | 16900 | | 15900 | 6878 | 9022 | | |
| | | 07-18 | 16000 | | 15000 | 6878 | 8122 | | |
| | | 18-24 | 16000 | | 15000 | 6793 | 8207 | | |

| | | | | | | | | |
|-----------------|--|-------|-------|------|-------|------|------|-----|
| SR [#] | 8th January 2022 | 00-06 | 16000 | 1000 | 15000 | 6793 | 8207 | |
| | | 06-07 | 16000 | | 15000 | 6878 | 8122 | |
| | | 07-18 | 15100 | | 14100 | 6878 | 7222 | |
| | | 18-24 | 15100 | | 14100 | 6793 | 7307 | |
| SR [#] | 9th January 2022 | 00-06 | 15100 | 1000 | 14100 | 6793 | 7307 | |
| | | 06-18 | 15100 | | 14100 | 6878 | 7222 | |
| | | 18-24 | 15100 | | 14100 | 6793 | 7307 | |
| SR [#] | 10th January 2022 | 00-06 | 16000 | 1000 | 15000 | 6793 | 8207 | |
| | | 06-18 | 16000 | | 15000 | 6878 | 8122 | |
| | | 18-24 | 16000 | | 15000 | 6793 | 8207 | |
| SR [#] | 11th January 2022 | 00-06 | 17300 | 1000 | 16300 | 6793 | 9507 | 400 |
| | | 06-18 | 17300 | | 16300 | 6878 | 9422 | |
| | | 18-24 | 17300 | | 16300 | 6793 | 9507 | |
| SR [#] | 12th January 2022 to 31st January 2022 | 00-06 | 17300 | 1000 | 16300 | 6793 | 9507 | |
| | | 06-18 | 17300 | | 16300 | 6878 | 9422 | |
| | | 18-24 | 17300 | | 16300 | 6793 | 9507 | |

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

**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

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

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 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

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 2022 to 31st January 2022 | 00-06 | 4500 | 700 | 3800 | 721 | 3079 | | |
| | | 06-18 | | | | 3164 | 636 | | |
| | | 18-24 | | | | 721 | 3079 | | |
| NER* | 1st January 2022 to 31st January 2022 | 00-02 | 2950 | 60 | 2890 | 81 | 2809 | | |
| | | 02-07 | 2950 | | | 81 | 2809 | | |
| | | 07-12 | 2950 | | | 81 | 2809 | | |
| | | 12-17 | 2950 | | | 81 | 2809 | | |
| | | 17-21 | 2750 | | | 81 | 2609 | | |
| | | 21-24 | 2950 | | | 81 | 2809 | | |
| WR* | | | | | | | | | |
| SR*^ | 1st January 2022 to 5th January 2022 | 00-24 | 5600 | 400 | 5200 | 1804 | 3396 | | |
| SR*^ | 6th January 2022 to 31st January 2022 | 00-24 | 6350 | 400 | 5950 | 1804 | 4146 | | |

* 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 one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit | | Rev- 0 to 12 |
| NR-ER | (n-1) contingency of 400 kV Saranath-Pusauli | | Rev- 0 to 12 |
| ER-NR | Inter-regional flow pattern towards NR | | Rev- 0 to 12 |
| 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 12 |
| | Low Voltage at Gazuwaka (East) Bus. | | |
| 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 12 |
| ER-NER | a) N-1 contingency of 400 kV Bongaigaon - Azara line | | Rev- 0 to 12 |
| | b) High Loading of 220 kV Salakati - BTPS D/C | | |
| NER-ER | a) N-1 contingency of 220 kV Salakati - Alipurduar I or II | | Rev- 0 to 12 |
| | b) High Loading of 220 kV Salakati - Alipurduar II or I | | |
| W3 zone Injection | --- | | Rev- 0 to 12 |
| Limiting Constraints (Simultaneous) | | | |
| | | | Applicable Revisions |
| NR | Import | Inter-regional flow pattern towards NR | Rev- 0 to 12 |
| | | N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit | |
| | Export | (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 12 |
| 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 12 |
| | Export | a) N-1 contingency of 220 kV Salakati - Alipurduar I or II b) High Loading of 220 kV Salakati - Alipurduar II or I | Rev- 0 to 12 |
| SR | 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- 0 to 12 |
| | Export | N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt | Rev- 0 to 12 |

National Load Despatch Centre
Total Transfer Capability for January 2022

as of: 4th December, 2022

| Revision No | Date of Revision | Period of Revision | Reason for Revision/Comment | Corridor Affected |
|-------------|--------------------|---------------------------------------|--|--|
| 1 | 28th October 2021 | Whole Month | Revised STOA margin due to a) Operationalization of LTA OF 39 MW from PGLR_SREPL to UPPCL b) Operationalization of LTA OF 11 MW from Tuticorin-BETAMWIND to UPPCL c) Discontinuation of 50 MW MTOA Arunachal Pradesh to NPCL(UP) | WR-NR/ER-NR/NR Import |
| | | | Revised STOA margin due to operationalization of new LTA of 33 MW from AP41PL_BHDL to ODISHA | NR-ER/NR Export |
| | | | Revised STOA margin due to a) Operationalization of LTA of 24 MW from Spring energy to UP (NR) b) Operationalization of LTA of 5 MW from BETAM to UP (NR) c) Operationalization of LTA of 5 MW from BETAM to Odisha (ER) d) Operationalization of LTA of 21 MW from Hiriyur_Ostrokannada to Bihar (ER) | SR-WR/SR-ER/SR Export |
| 2 | 28th November 2021 | Whole Month | Revised STOA margin due to a) Operationalization of LTA OF 300 MW from RSBPL_FTG2 to Maharashtra b) Operationalization of LTA OF 100 from ASunceEPL_BKN to Maharashtra c) Operationalization of LTA OF 250 from MRPL to CSEB d) Operationalization of LTA OF 250 MW from ACSEPL_BHADLA to Maharashtra e) Operationalization of LTA from AP41PL_BHDL to ODISHA | NR-ER/NR-WR/NR Export |
| | | | Revised STOA margin due to operationalization of the LTA quantum of Tuticorin-BETAMWIND to UPPCL | WR-NR/ER-NR/NR Import |
| | | | Revised STOA margin due to a) Operationalization of LTA OF 50 MW from Fatehgarh PS(ACME Solar) to Pondicherry b) Operationalization of LTA OF 90 MW from Fatehgarh-II Solar to Telangana | WR-SR/SR Import |
| | | | Revised STOA margin due to a) Operationalization of LTA from Spring Energy,Pugalur to UP b) Operationalization of LTA from HIRIYUR_OSTROKANNADA to Bihar | SR-WR/SR Export |
| 3 | 28th December 2021 | Whole Month | Revised STOA margin due to a) Discontinuation of MTOA of 300 MW from AP43PL_BKN(SECI) to Odisha b) Increase in LTA of 50 MW from RSWPL3_FTG2 to BSHPL c) Increase in LTA of 33 MW from AP41PL_BHDL to Odisha | NR-ER/NR-WR/NR Export |
| | | | Revised STOA margin due to increase in LTA of 23 MW from BRBCL (Railways) | ER-NR/NR Import |
| | | | Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar private limited) to Pondicherry | WR-SR/SR Import |
| | | | Revised STOA margin due to increase in LTA by 20 MW from HIRIYUR_OSTROKANNADA to Bihar | SR Export |
| 4 | 29th December 2021 | Whole Month | Revised TTC/ATC due to change in flow pattern of WR-NR & ER-NR 1) Change in Load-Generation of NER 2) One units of Ranganadi HEP (3x105 MW), one unit of Doyang HEP (3x25) and one unit of BgTPP (3x250) are going under planned SD as per approval in 185th OCCM | ER-NR/WR-NR ER-NER/NER Import/NER-ER/NER Export |
| 5 | 30th December 2021 | 01st January 2022 | Due to extension of Shutdown of 765KV-WARDHA-AURANGABAD-1 & 2 | ER-SR/WR-SR/SR Import |
| 6 | 31st December 2021 | 2nd January 2022 to 31st January 2022 | Due to extension of Shutdown of 765KV-WARDHA-AURANGABAD-1 & 2 | ER-SR/WR-SR/SR Import |
| 7 | 4th January 2022 | 6th January 2022 to 31st January 2022 | TTC/ATC after commissioning of HVDC Raigarh - Pugalur Pole - IV | ER-SR/WR-SR/SR Import/SR-WR/SR Export |
| 8 | 4th January 2022 | 6th January 2022 | Due to extension of Shutdown of 765KV-WARDHA-AURANGABAD-1 & 2 | ER-SR/WR-SR/SR Import |
| 9 | 5th January 2022 | 7th January 2022 | Due to extension of Shutdown of 765KV-WARDHA-AURANGABAD-1 & 2 and Shutdown of HVDC 500KV TALCHER POLE 1 | ER-SR/WR-SR/SR Import |
| | | 7th January 2022 to 10th January 2022 | Due to extension of Shutdown of 765KV-WARDHA-AURANGABAD-1 & 2 | ER-SR/WR-SR/SR Import |
| 10 | 6th January 2022 | 8th January to 10th January 2022 | Due to shutdown of HVDC 500KV TALCHER POLE 1 & 2 | ER-SR/SR Import |
| 11 | 9th January 2022 | 11th January 2022 | Due to extension of Shutdown of 765KV-WARDHA-AURANGABAD-1 & 2 | ER-SR/WR-SR/SR Import |
| 12 | 10th January 2022 | 11th January 2022 | Due to revival of 765KV-WARDHA-AURANGABAD-1 | ER-SR/WR-SR/SR Import |

| ASSUMPTIONS IN BASECASE | | | | | |
|-------------------------|-----------------------------|----------------|--------------------|----------------------|---------------|
| | | | | Month : January 2022 | |
| 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 | 10744 | 10867 | 3971 | 3971 |
| 2 | Haryana | 9492 | 9088 | 2701 | 2701 |
| 3 | Rajasthan | 10485 | 9635 | 8259 | 8259 |
| 4 | Delhi | 5321 | 5152 | 796 | 795 |
| 5 | Uttar Pradesh | 20631 | 20099 | 10623 | 10689 |
| 6 | Uttarakhand | 2124 | 1886 | 928 | 939 |
| 7 | Himachal Pradesh | 1354 | 1114 | 783 | 769 |
| 8 | Jammu & Kashmir | 2363 | 1962 | 884 | 883 |
| 9 | Chandigarh | 313 | 249 | 0 | 0 |
| 10 | ISGS/PPs | 48 | 48 | 21958 | 20013 |
| | Total NR | 62875 | 60100 | 50903 | 49019 |
| II | EASTERN REGION | | | | |
| 1 | Bihar | 6537 | 5617 | 356 | 349 |
| 2 | Jharkhand | 1958 | 1503 | 511 | 501 |
| 3 | Damodar Valley Corporation | 2985 | 2723 | 5856 | 4190 |
| 4 | Orissa | 4513 | 4310 | 3998 | 3798 |
| 5 | West Bengal | 9704 | 8401 | 7033 | 6210 |
| 6 | Sikkim | 119 | 116 | 0 | 0 |
| 7 | Bhutan | 181 | 181 | 2325 | 2325 |
| 8 | ISGS/PPs | 810 | 810 | 15771 | 11533 |
| | Total ER | 26808 | 23662 | 35850 | 28906 |
| III | WESTERN REGION | | | | |
| 1 | Maharashtra | 17405 | 16509 | 11624 | 10789 |
| 2 | Gujarat | 13918 | 11320 | 8601 | 7246 |
| 3 | Madhya Pradesh | 9254 | 8534 | 3596 | 3845 |
| 4 | Chattisgarh | 4309 | 3965 | 2531 | 2835 |
| 5 | Daman and Diu | 276 | 236 | 0 | 0 |
| 6 | Dadra and Nagar Haveli | 744 | 870 | 0 | 0 |
| 7 | Goa-WR | 534 | 420 | 0 | 0 |
| 8 | ISGS/PPs | 1784 | 3263 | 36712 | 32338 |
| | Total WR | 48224 | 45117 | 63064 | 57053 |
| IV | SOUTHERN REGION | | | | |
| 1 | Andhra Pradesh | 8024 | 7220 | 6268 | 5204 |
| 2 | Telangana | 9100 | 8117 | 5196 | 5078 |
| 3 | Karnataka | 8396 | 6654 | 6023 | 4850 |
| 4 | Tamil Nadu | 15210 | 13068 | 7256 | 6376 |
| 5 | Kerala | 3778 | 2349 | 1614 | 961 |
| 6 | Pondy | 264 | 264 | 0 | 0 |
| 7 | Goa-SR | 82 | 82 | 0 | 0 |
| 8 | ISGS/PPs | 37 | 37 | 14805 | 14794 |
| | Total SR | 44891 | 37791 | 41162 | 37263 |
| V | NORTH-EASTERN REGION | | | | |
| 1 | Arunachal Pradesh | 140 | 95 | 118 | 118 |
| 2 | Assam | 1849 | 1588 | 615 | 574 |
| 3 | Manipur | 207 | 86 | 105 | 103 |
| 4 | Meghalaya | 315 | 255 | 302 | 229 |
| 5 | Mizoram | 150 | 55 | 60 | 60 |
| 6 | Nagaland | 173 | 155 | 96 | 93 |
| 7 | Tripura | 435 | 260 | 300 | 300 |
| 8 | ISGS/PPs | 0 | 0 | 2371 | 2370 |
| | Total NER | 3269 | 2494 | 3967 | 3847 |
| | Total All India | 186067 | 169164 | 194946 | 176088 |