

**National Load Despatch Centre
Total Transfer Capability for August 2018**

Issue Date: 24th August 2018

Issue Time: 1145 hrs

Revision No. 8

| 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 August 2018 | 00-06 | 2500 | 500 | 2000 | 55 | 1945 | | |
| | | 06-18 | | | | 65 | 1935 | | |
| | | 18-24 | | | | 55 | 1945 | | |
| NR-WR* | 2nd August 2018 to 31st August 2018 | 00-06 | 2500 | 500 | 2000 | 240 | 1760 | | |
| | | 06-18 | | | | 250 | 1750 | | |
| | | 18-24 | | | | 240 | 1760 | | |
| WR-NR* | 1st August 2018 | 00-24 | 12000 11050** | 500 | 11500 10550** | 9127 8177** | 2373 2373** | | |
| | 2nd August 2018 to 14th August 2018 | 00-24 | 12000 11050** | 500 | 11500 10550** | 9034 8084** | 2466 2466** | | |
| | 15th August 2018 to 31st August 2018 | 00-10 | 11400 10450** | 500 | 10900 9950** | 9034 8084** | 1866 1866** | | |
| | | 10-22 | 12000 11050** | 500 | 11500 10550** | 9034 8084** | 2466 2466** | | |
| | | 22-24 | 11400 10450** | 500 | 10900 9950** | 9034 8084** | 1866 1866** | | |
| | NR-ER* | 1st August 2018 to 31st August 2018 | 00-06 | 2000 | 200 | 1800 | 193 | 1607 | |
| 06-18 | | | 2000 | 1800 | | 303 | 1497 | | |
| 18-24 | | | 2000 | 1800 | | 193 | 1607 | | |
| ER-NR* | 1st August 2018 to 31st August 2018 | 00-24 | 5250 | 300 | 4950 | 3867 | 1083 | | |
| W3-ER | 1st August 2018 to 31st August 2018 | 00-24 | No limit is being specified. | | | | | | |
| ER-W3 | 1st August 2018 to 31st August 2018 | 00-24 | No limit is being specified. | | | | | | |

**National Load Despatch Centre
Total Transfer Capability for August 2018**

Issue Date: 24th August 2018

Issue Time: 1130 hrs

Revision No. 8

| 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 | 1st August 2018 | 00-24 | 5150 | 500 | 4650 | 4515 | 135 | | |
| | 2nd August 2018 | 00-0930 | 5150 | 500 | 4650 | 4535 | 115 | | |
| | | 0930-18 | 4950 | | 4450 | | 0 | | |
| | | 18-24 | 5150 | | 4650 | | 115 | | |
| | 3rd August 2018 to 07th Aug 2018 | 00-24 | 5150 | 500 | 4650 | 4535 | 115 | | |
| | 08th August 2018 | 00-930 | 5150 | 500 | 4650 | 4535 | 115 | | |
| | | 0930-18 | 4950 | 500 | 4450 | 4535 | 0 | | |
| | | 18-24 | 5150 | 500 | 4650 | 4535 | 115 | | |
| | 9th August 2018 to 31st Aug 2018 | 00-24 | 5150 | 500 | 4650 | 4535 | 115 | | |
| | SR-WR * | 1st August 2018 to 31st August 2018 | 00-24 | No limit is being Specified. | | | | | |
| ER-SR | 1st August 2018 to 13th August 2018 | 00-06 | 4350 | 250 | 4100 | 2762 | 1338 | | |
| | | 06-18 | | | | 2847 | 1253 | | |
| | | 18-24 | | | | 2762 | 1338 | | |
| | 14th August 2018 to 24th August 2018 | 00-06 | 4350 | 250 | 4100 | 2338 | 1762 | | |
| | | 06-18 | | | | 2423 | 1677 | | |
| | | 18-24 | | | | 2338 | 1762 | | |
| | 25th August 2018 to 26st August 2018 | 00-06 | 4350 | 250 | 4100 | 2338 | 1762 | | Revised due to shutdown of 400kV HVDC Bus-1 and Bus-2 at Talcher respectively |
| | | 06-830 | | | | 4100 | 2423 | 1677 | |
| | | 830-18 | | | | 3100 | 2423 | 677 | |
| | | 18-24 | | | | 3100 | 2338 | 762 | |
| | 27th August 2018 to 31st August 2018 | 00-06 | 4350 | 250 | 4100 | 2338 | 1762 | | |
| | | 06-18 | | | | 2423 | 1677 | | |
| | | 18-24 | | | | 2338 | 1762 | | |
| SR-ER * | 1st August 2018 to 31st August 2018 | 00-24 | No limit is being Specified. | | | | | | |
| ER-NER | 1st August 2018 to 2nd August 2018 | 00-08 | 1310 | 45 | 1265 | 225 | 1040 | | |
| | | 08-17 | 990 | | | | 720 | | |
| | | 17-23 | 910 | | | | 640 | | |
| | | 23-24 | 990 | | | | 720 | | |
| | 3rd August 2018 to 22nd August 2018 | 00-17 | 1310 | 45 | 1265 | 225 | 1040 | | |
| | | 17-23 | 1230 | | | | 960 | | |
| | | 23-24 | 1310 | | | | 1040 | | |
| | 23rd August 2018 | 00-01 | 1310 | 45 | 1265 | 225 | 1040 | | |
| | | 01-17 | 1470 | | | | 1200 | | |
| | | 17-23 | 1300 | | | | 1030 | | |
| | | 23-24 | 1470 | | | | 1200 | | |
| | 24th August 2018 to 31st August 2018 | 00-17 | 1470 | 45 | 1425 | 225 | 1200 | | |
| | | 17-23 | 1300 | | | | 1030 | | |
| | | 23-24 | 1470 | | | | 1200 | | |

**National Load Despatch Centre
Total Transfer Capability for August 2018**

Issue Date: 24th August 2018

Issue Time: 1130 hrs

Revision No. 8

| 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 |
|----------|--------------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| NER-ER | 1st August 2018 to 2nd August 2018 | 00-08 | 1780 | 45 | 1735 | 0 | 1735 | | |
| | | 08-17 | 1320 | | 1275 | | 1275 | | |
| | | 17-23 | 1390 | | 1345 | | 1345 | | |
| | | 23-24 | 1320 | | 1275 | | 1275 | | |
| | 3rd August 2018 to 31st August 2018 | 00-17 | 1780 | 45 | 1735 | 0 | 1735 | | |
| | | 17-23 | 1850 | | 1805 | | 1805 | | |
| | | 23-24 | 1780 | | 1735 | | 1735 | | |
| | 23rd August 2018 | 00-01 | 1780 | 45 | 1735 | 0 | 1735 | | |
| | | 01-17 | 1710 | | 1665 | | 1665 | | |
| | | 17-23 | 1800 | | 1755 | | 1755 | | |
| | 24th August 2018 to 31st August 2018 | 23-24 | 1710 | 45 | 1665 | 0 | 1665 | | |
| | | 00-17 | 1710 | | 1665 | | 1665 | | |
| 17-23 | | 1800 | 1755 | | 1755 | | | | |
| | | 23-24 | 1710 | | 1665 | 1665 | | | |

| | | | | | | | | | |
|--------------------------|-------------------------------------|-------|---|--|--|--|--|--|--|
| W3 zone Injection | 1st August 2018 to 31st August 2018 | 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)DB Power, m) KWPC, n)Vandana Vidyut 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.

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 |
|----------|-----------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| ER | | | | | | | | | |
| | | | | | | | | | |
| NR | 1st August 2018 | 00-18 | 17100 | 800 | 16300 | 12994 12044** | 3306 | | |
| | | | 16150** | | 15350** | | 3306** | | |
| | | 18-23 | 15400 | | 14600 | | 1606 | | |
| | | | 14450** | | 13650** | | 1606** | | |
| | | 23-24 | 17100 | | 16300 | | 3306 | | |
| | | | 16150** | | 15350** | | 3306** | | |
| | 2nd August 2018 to 14th Aug 2018 | 00-18 | 17100 | 800 | 16300 | 12901 11951** | 3399 | | |
| | | | 16150** | | 15350** | | 3399** | | |
| | | 18-23 | 15400 | | 14600 | | 1699 | | |
| | | | 14450** | | 13650** | | 1699** | | |
| | | 23-24 | 17100 | | 16300 | | 3399 | | |
| | | | 16150** | | 15350** | | 3399** | | |
| | 15th August 2018 to 31st Aug 2018 | 00-10 | 16300 | 800 | 15500 | 12901 11951** | 2599 | | |
| | | | 15350** | | 14550** | | 2599** | | |
| | | 10-18 | 17100 | | 16300 | | 3399 | | |
| 16150** | | | 15350** | | 3399** | | | | |
| 18-22 | | 15400 | 14600 | | 1699 | | | | |
| | | 14450** | 13650** | | 1699** | | | | |
| 22-23 | 14600 | 13800 | 899 | | | | | | |
| | 13650** | 12850** | 899** | | | | | | |
| 23-24 | 16300 | 15500 | 2599 | | | | | | |
| | 15350** | 14550** | 2599** | | | | | | |

| | | | | | | | | |
|--------------------------------------|--------------------------------------|-----------------|-------|------|------|------|------|------|
| NER | 1st August 2018 to 2nd August 2018 | 00-08 | 1310 | 45 | 1265 | 225 | 1040 | |
| | | 08-17 | 990 | | 945 | | 720 | |
| | | 17-23 | 910 | | 865 | | 640 | |
| | | 23-24 | 990 | | 945 | | 720 | |
| | 3rd August 2018 to 31st August 2018 | 00-17 | 1310 | 45 | 1265 | 225 | 1040 | |
| | | 17-23 | 1230 | | 1185 | | 960 | |
| | | 23-24 | 1310 | | 1265 | | 1040 | |
| | 23rd August 2018 | 00-01 | 1310 | 45 | 1265 | 225 | 1040 | |
| | | 01-17 | 1470 | | 1425 | | 1200 | |
| | | 17-23 | 1300 | | 1255 | | 1030 | |
| | | 23-24 | 1470 | | 1425 | | 1200 | |
| | 24th August 2018 to 31st August 2018 | 00-17 | 1470 | 45 | 1425 | 225 | 1200 | |
| | | 17-23 | 1300 | | 1255 | | 1030 | |
| | | 23-24 | 1470 | | 1425 | | 1200 | |
| | WR | | | | | | | |
| | SR | 1st August 2018 | 00-05 | 9500 | 750 | 8750 | 7277 | 1473 |
| 05-06 | | | 9500 | 8750 | | 7277 | 1473 | |
| 06-18 | | | 9500 | 8750 | | 7362 | 1388 | |
| 18-22 | | | 9500 | 8750 | | 7277 | 1473 | |
| 22-24 | | | 9500 | 8750 | | 7277 | 1473 | |
| 2nd August 2018 to | | 00-05 | 9500 | 750 | 8750 | 7297 | 1453 | |
| | | 05-06 | 9500 | | 8750 | 7297 | 1453 | |
| | | 06-930 | 9300 | | 8550 | 7382 | 1168 | |
| | | 930-18 | 9500 | | 8750 | 7382 | 1368 | |
| | | 18-22 | 9500 | | 8750 | 7297 | 1453 | |
| | | 22-24 | 9500 | | 8750 | 7297 | 1453 | |
| 3rd August 2018 to 07th August 2018 | | 00-05 | 9500 | 750 | 8750 | 7297 | 1453 | |
| | | 05-06 | 9500 | | 8750 | 7297 | 1453 | |
| | | 06-18 | 9500 | | 8750 | 7382 | 1368 | |
| | | 18-22 | 9500 | | 8750 | 7297 | 1453 | |
| | | 22-24 | 9500 | | 8750 | 7297 | 1453 | |
| 08th August 2018 | | 00-05 | 9500 | 750 | 8750 | 7297 | 1453 | |
| | | 05-06 | 9500 | | 8750 | 7297 | 1453 | |
| | | 06-930 | 9500 | | 8750 | 7382 | 1368 | |
| | | 930-18 | 9300 | | 8550 | 7382 | 1168 | |
| | | 18-22 | 9500 | | 8750 | 7297 | 1453 | |
| | | 22-24 | 9500 | | 8750 | 7297 | 1453 | |
| 09th August 2018 to 13th August 2018 | | 00-05 | 9500 | 750 | 8750 | 7297 | 1453 | |
| | | 05-06 | 9500 | | 8750 | 7297 | 1453 | |
| | | 06-18 | 9500 | | 8750 | 7382 | 1368 | |
| | | 18-22 | 9500 | | 8750 | 7297 | 1453 | |
| | | 22-24 | 9500 | | 8750 | 7297 | 1453 | |
| 14th August 2018 to 24th August 2018 | | 00-05 | 9500 | 750 | 8750 | 6873 | 1877 | |
| | 05-06 | 9500 | 8750 | | 6873 | 1877 | | |
| | 06-18 | 9500 | 8750 | | 6958 | 1792 | | |
| | 18-22 | 9500 | 8750 | | 6873 | 1877 | | |
| | 22-24 | 9500 | 8750 | | 6873 | 1877 | | |

| | | | | | | | | | |
|-----------|--|--------|------|-----|------|------|------|-------|---|
| SR | 25th August 2018 to 26th August 2018 | 00-05 | 9500 | 750 | 8750 | 6873 | 1877 | | Revised due to shutdown of 400kV HVDC Bus-1 and Bus-2 at Talcher respectively |
| | | 05-06 | 9500 | | 8750 | 6873 | 1877 | | |
| | | 06-830 | 8500 | | 7750 | 6958 | 792 | -1000 | |
| | | 830-18 | 8500 | | 7750 | 6958 | 792 | -1000 | |
| | | 18-22 | 8500 | | 7750 | 6873 | 877 | -1000 | |
| | | 22-24 | 8500 | | 7750 | 6873 | 877 | -1000 | |
| | 27th August 2018 to 31st August 2018 | 00-05 | 9500 | 750 | 8750 | 6873 | 1877 | | |
| | | 05-06 | 9500 | | 8750 | 6873 | 1877 | | |
| | | 06-18 | 9500 | | 8750 | 6958 | 1792 | | |
| | | 18-22 | 9500 | | 8750 | 6873 | 1877 | | |
| | | 22-24 | 9500 | | 8750 | 6873 | 1877 | | |

* 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.

* 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 = $A * C/(B+C)$

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 August 2018 to 31st August 2018 | 00-06 | 4500 | 700 | 3800 | 248 | 3552 | | |
| | | 06-18 | | | 3800 | 368 | 3432 | | |
| | | 18-24 | | | 3800 | 248 | 3552 | | |
| NER | 1st August 2018 to 2nd August 2018 | 00-08 | 1780 | 45 | 1735 | 0 | 1735 | | |
| | | 08-17 | 1320 | | 1275 | | 1275 | | |
| | | 17-23 | 1390 | | 1345 | | 1345 | | |
| | | 23-24 | 1320 | | 1275 | | 1275 | | |
| | 3rd August 2018 to 31st August 2018 | 00-17 | 1780 | 45 | 1735 | 0 | 1735 | | |
| | | 17-23 | 1850 | | 1805 | | 1805 | | |
| | | 23-24 | 1780 | | 1735 | | 1735 | | |
| | 23rd August 2018 | 00-01 | 1780 | 45 | 1735 | 0 | 1735 | | |
| | | 01-17 | 1710 | | 1665 | | 1665 | | |
| | | 17-23 | 1800 | | 1755 | | 1755 | | |
| | 24th August 2018 to 31st August 2018 | 23-24 | 1710 | 45 | 1665 | 0 | 1665 | | |
| | | 00-17 | 1710 | | 1665 | | 1665 | | |
| | | 17-23 | 1800 | | 1755 | | 1755 | | |
| | 23-24 | 1710 | 45 | 1665 | 0 | 1665 | | | |
| | | 17-23 | | 1800 | | 1755 | 1755 | | |
| 23-24 | | 1710 | | 1665 | | 1665 | | | |
| WR | | | | | | | | | |
| | | | | | | | | | |
| SR * | 1st August 2018 to 31st August 2018 | 00-24 | No limit is being Specified. | | | | | | |

* 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).

Limiting Constraints (Corridor wise)

| Corridor | Constraint | Applicable Revisions |
|--------------------------|--|-----------------------------|
| NR-WR | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak | Rev-0 to 8 |
| WR-NR | (n-1) Contingency of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida. | Rev- 0 to 4 |
| | Frequent outage of HVDC Champa - Kurukshetra poles | Rev-2 to 8 |
| | Restriction on Mundra Mohindragarh power order on account of frequent RVO operation | Rev- 6 to 8 |
| NR-ER | (n-1) contingency of 400 kV Saranath-Pusauli | Rev-0 to 8 |
| ER-NR | 1. N-1 contingencies of 400 kv Mejia-Maithon A S/c 2. N-1 contingencies of 400 kv Kahalgaon-Banka S/c 3. N-1 contingencies of 400kV MPL- Maithon S/C | Rev-0 to 8 |
| WR-SR and ER-SR | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT | Rev-0 to 8 |
| | Low Voltage at Gazuwaka (East) Bus. | Rev-0 to 8 |
| ER-NER | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa b. High loading of 220 kV Balipara-Sonabil line(200 MW) | Rev-0 to 8 |
| NER-ER | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa | Rev-0 to 8 |
| W3 zone Injection | --- | Rev-0 to 8 |

Limiting Constraints (Simultaneous)

| | | Applicable Revisions | |
|------------|---------------|--|------------|
| NR | Import | 1. N-1 contingencies of 400 kv Mejia-Maithon A S/c 2. N-1 contingencies of 400 kv Kahalgaon-Banka S/c 3. N-1 contingencies of 400kV MPL- Maithon S/c | Rev-0 to 8 |
| | | (n-1) Contingency of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida. | Rev-0 to 8 |
| | | Frequent outage of HVDC Champa - Kurukshetra poles | Rev-2 to 8 |
| | | Restriction on Mundra Mohindragarh power order on account of frequent RVO operation | Rev-6 to 8 |
| | Export | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. | Rev-0 to 8 |
| | | (n-1) contingency of 400 kV Saranath-Pusauli | |
| NER | Import | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa b. High loading of 220 kV Balipara-Sonabil line(200 MW) | Rev-0 to 8 |
| | Export | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa | Rev-0 to 8 |
| SR | Import | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT | Rev-0 to 8 |
| | | Low Voltage at Gazuwaka (East) Bus. | Rev-0 to 8 |

**National Load Despatch Centre
Total Transfer Capability for August 2018**

| Revision No | Date of Revision | Period of Revision | Reason for Revision/Comment | Corridor Affected |
|-------------|------------------|----------------------------------|--|-------------------------------------|
| 0 | 26th April 2018 | Whole Month | TTC declared considering restriction on power order of HVDC Mundra - Mahindragarh bipole due to low generation at APL Mundra | WR-NR / Import of NR |
| 1 | 11th May 2018 | Whole Month | Revised STOA margins due to operationalization of 174 MW LTA from Teesta-III HEP to UP discoms w.e.f. 12th May 2018 | ER-NR/Import of NR |
| 2 | 30th July 2018 | Whole Month | Revised due to: (a) Frequent outage of Champa Kurukshetra single pole and (b) Restoration of power order on HVDC Mundra-Mahindragarh due to revival of generation at APL and CGPL plants. (c) Change in STOA margin due to change in MTOA | WR-NR/Import of NR |
| | | | Change in STOA margin due to change in LTA | ER-NR/Import of NR |
| | | | Revised STOA margins due to revocation of 500 MW LTA from Ind-bharat | ER-SR/Import of SR |
| | | 1st Aug to 2nd Aug 2018 | Revised due to day-time shutdown of 400/220 kV, 315 MVA ICT-1 at Misa and change in load - generation pattern of NER | ER-NER/NER-ER/Import /Export of NER |
| | | 3rd August to 31st Aug 2018 | Revised due to change in load - generation pattern of NER | ER-NER/NER-ER/Import /Export of NER |
| 3 | 31st July 2018 | 2nd August to 31st Aug 2018 | Revised STOA margin due to change in LTA/MTOA | WR-NR/Import of NR |
| | | 2nd August | ICT-2 shutdown at Maheshwaram | WR-SR/Import of SR |
| | | 2nd August to 31st Aug 2018 | Revised STOA margin due to change in allocation to Telangana from WR plants | WR-SR/Import of SR |
| | | 2nd August to 31st Aug 2018 | Revised STOA margins due to: (a) 40 MW LTA from DSPPL,Rajasthan to R Infra,Maharashtra and 5 MW LTA from Rajasthan to Chattisgarh (b) 40 MW allocation to MP from NR ISGS (c) 100 MW allocation to Chattisgarh from Kishanganga NR | NR-WR |
| 4 | 7th August 2018 | 8th August | Revised due to shutdown of 765/400kV ICT # 2 at Maheshwaram | WR-SR/Import of SR |
| 5 | 13th August 2018 | 14th August'18 to 31st August'18 | STOA margin revised due to planned shutdown of Talcher Stg-II Unit # 6 on Annual overhauling | WR-SR/Import of SR |
| 6 | 13th August 2018 | 15th August to 31st August 2018 | Revised due to restriction on Mundra Mohindragarh power order on account of frequent RVO operation | WR-NR/Import of NR |
| 7 | 21st August 2018 | 23rd August to 31st August 2018 | Revised due to continuous shutdown of Palatana module 1 (GTG+STG) for APM activities | ER-NER/NER-ER/Import/Export of NER |
| 8 | 24th August 2018 | 25th August to 26th August 2018 | Revised due to shutdown of 400kV HVDC Bus-1 and Bus-2 at Talcher respectively | ER-SR/SR Import |

| ASSUMPTIONS IN BASECASE | | | | | |
|-------------------------|----------------------------|----------------|--------------------|-------------------|---------------|
| | | | | Month : August'18 | |
| 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 | 10474 | 10083 | 5458 | 5490 |
| 2 | Haryana | 8627 | 8371 | 2765 | 2765 |
| 3 | Rajasthan | 9370 | 9229 | 5305 | 5305 |
| 4 | Delhi | 5806 | 5811 | 1075 | 1075 |
| 5 | Uttar Pradesh | 15893 | 15467 | 9512 | 9565 |
| 6 | Uttarakhand | 2117 | 1935 | 1083 | 1157 |
| 7 | Himachal Pradesh | 1503 | 1386 | 1107 | 1128 |
| 8 | Jammu & Kashmir | 2799 | 1910 | 1514 | 1249 |
| 9 | Chandigarh | 344 | 232 | 0 | 0 |
| 10 | ISGS/IPPs | 24 | 24 | 20279 | 17370 |
| | Total NR | 56958 | 54448 | 48099 | 45105 |
| II | EASTERN REGION | | | | |
| 1 | Bihar | 4087 | 2872 | 310 | 200 |
| 2 | Jharkhand | 1171 | 879 | 364 | 227 |
| 3 | Damodar Valley Corporation | 2925 | 2686 | 5264 | 4211 |
| 4 | Orissa | 4009 | 3198 | 2539 | 2192 |
| 5 | West Bengal | 8603 | 5753 | 5360 | 4272 |
| 6 | Sikkim | 84 | 85 | 0 | 0 |
| 7 | Bhutan | 212 | 220 | 1592 | 1526 |
| 8 | ISGS/IPPs | 265 | 258 | 11202 | 8851 |
| | Total ER | 21357 | 15950 | 26631 | 21479 |
| III | WESTERN REGION | | | | |
| 1 | Maharashtra | 16834 | 14986 | 11885 | 11120 |
| 2 | Gujarat | 14542 | 11032 | 7379 | 7330 |
| 3 | Madhya Pradesh | 9729 | 6361 | 4011 | 2955 |
| 4 | Chattisgarh | 4171 | 3498 | 2999 | 2527 |
| 5 | Daman and Diu | 333 | 293 | 0 | 0 |
| 6 | Dadra and Nagar Haveli | 804 | 733 | 0 | 0 |
| 7 | Goa-WR | 516 | 357 | 0 | 0 |
| 8 | ISGS/IPPs | 4170 | 3731 | 39160 | 30544 |
| | Total WR | 51098 | 40992 | 65434 | 54475 |

| 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 | 8103 | 6215 | 5903 | 4018 |
| 2 | Telangana | 8305 | 6501 | 4447 | 3038 |
| 3 | Karnataka | 9352 | 7571 | 6477 | 4630 |
| 4 | Tamil Nadu | 14096 | 11471 | 8411 | 6721 |
| 5 | Kerala | 3673 | 2200 | 1564 | 263 |
| 6 | Pondy | 373 | 376 | 0 | 0 |
| 7 | Goa-SR | 84 | 85 | 0 | 0 |
| 8 | ISGS/IPPs | 0 | 0 | 11055 | 8993 |
| | Total SR | 43986 | 34419 | 37857 | 27664 |
| V | NORTH-EASTERN REGION | | | | |
| 1 | Arunachal Pradesh | 123 | 74 | 0 | 0 |
| 2 | Assam | 1318 | 1168 | 307 | 196 |
| 3 | Manipur | 171 | 87 | 0 | 0 |
| 4 | Meghalaya | 267 | 195 | 313 | 228 |
| 5 | Mizoram | 99 | 68 | 8 | 8 |
| 6 | Nagaland | 129 | 80 | 22 | 16 |
| 7 | Tripura | 205 | 150 | 61 | 59 |
| 8 | ISGS/IPPs | 159 | 160 | 1963 | 1836 |
| | Total NER | 2471 | 1982 | 2674 | 2343 |
| | Total All India | 176311 | 148186 | 182392 | 152686 |