

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

Issue Date: 05th June 2018

Issue Time: 1300 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 June 2018 to 30th June 2018 | 00-06 | 2500 | 500 | 2000 | 100 | 1900 | | |
| | | 06-18 | | | | 110 | 1890 | | |
| | | 18-24 | | | | 100 | 1900 | | |
| WR-NR* | 1st June 2018 | 00-08 | 9000 | 500 | 8500 | 9127 | 0 | | |
| | | | 8050** | | 7550** | 8177** | 0** | | |
| | | 08-24 | 10000 | | 9500 | 9127 | 373 | | |
| | 2nd June 2018 to 5th June 2018 | 00-24 | | 9050** | 8550** | 8177** | 373** | | |
| | | | | 10000 | 9500 | 9127 | 373 | | |
| | 06th June 2018 | 00-24 | | 9000 | 8500 | 9127 | 0 | -1000 | Due to Continuous forced outage of HVDC Champa-Kurukshetra Pole-2 |
| | | | | 8050** | 7550** | 8177** | 0** | | |
| | 7th June 2018 to 30th June 2018 | 00-24 | | 10000 | 9500 | 9127 | 373 | | |
| | | | | 9050** | 8550** | 8177** | 373** | | |
| | NR-ER* | 1st June 2018 to 30th June 2018 | 00-06 | 2000 | 200 | 1800 | 193 | 1607 | |
| 06-18 | | | 2000 | 1800 | | 303 | 1497 | | |
| 18-24 | | | 2000 | 1800 | | 193 | 1607 | | |
| ER-NR* | 1st June 2018 to 30th June 2018 | 00-24 | 5250 | 300 | 4950 | 3407 | 1543 | | |
| W3-ER | 1st June 2018 to 30th June 2018 | 00-24 | No limit is being specified. | | | | | | |
| ER-W3 | 1st June 2018 to 30th June 2018 | 00-24 | No limit is being specified. | | | | | | |
| WR-SR | 1st June 2018 | 00-07 | 5150 | 500 | 4650 | 4515 | 135 | | |
| | | 07-22 | 4150 | | 3650 | | 0 | | |
| | | 22-24 | 4150 | | 3650 | | 0 | | |
| | 2nd June 2018 | 00-930 | 4150 | 500 | 3650 | 4515 | 0 | | |
| | | 930-18 | 3950 | | 3450 | | 0 | | |
| | | 18-24 | 4150 | | 3650 | | 0 | | |
| | 3rd June 2018 to 09th June 2018 | 00-05 | 4150 | 500 | 3650 | 4515 | 0 | | |
| | | 05-22 | 4150 | | 3650 | | 0 | | |
| | | 22-24 | 4150 | | 3650 | | 0 | | |
| | 10th June 2018 to 30th June 2018 | 00-05 | 5150 | 500 | 4650 | 4515 | 135 | | |
| | | 05-22 | 5150 | | 4650 | | 135 | | |
| | | 22-24 | 5150 | | 4650 | | 135 | | |
| SR-WR * | 1st June 2018 to 30th June 2018 | 00-24 | No limit is being Specified. | | | | | | |
| ER-SR | 1st June 2018 to 30th June 2018 | 00-06 | 4350 | 250 | 4100 | 3263 | 837 | | |
| | | 06-18 | | | | 3348 | 752 | | |
| | | 18-24 | | | | 3263 | 837 | | |
| SR-ER * | 1st June 2018 to 30th June 2018 | 00-24 | No limit is being Specified. | | | | | | |

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Total Transfer Capability for June 2018**

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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 |
|----------|----------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| ER-NER | 1st June 2018 | 00-09 | 1200 | 45 | 1155 | 225 | 930 | | |
| | | 09-17 | 980 | | 935 | | 710 | | |
| | | 17-23 | 950 | | 905 | | 680 | | |
| | | 23-24 | 980 | | 935 | | 710 | | |
| | 2nd June 2018 | 00-17 | 1200 | 45 | 1155 | 225 | 930 | | |
| | | 17-23 | 1100 | | 1055 | | 830 | | |
| | | 23-24 | 1200 | | 1155 | | 930 | | |
| | 3rd June 2018 | 00-08 | 1200 | 45 | 1155 | 225 | 930 | | |
| | | 08-17 | 980 | | 935 | | 710 | | |
| | | 17-23 | 950 | | 905 | | 680 | | |
| | | 23-24 | 980 | | 935 | | 710 | | |
| | 4th June 2018 to 9th June 2018 | 00-17 | 980 | 45 | 935 | 225 | 710 | | |
| | | 17-23 | 950 | | 905 | | 680 | | |
| | | 23-24 | 980 | | 935 | | 710 | | |
| | 10th June 2018 to 30th June 2018 | 00-17 | 1200 | 45 | 1155 | 225 | 930 | | |
| | | 17-23 | 1100 | | 1055 | | 830 | | |
| 23-24 | | 1200 | 1155 | | 930 | | | | |
| NER-ER | 1st June 2018 | 00-09 | 1710 | 45 | 1665 | 0 | 1665 | | |
| | | 09-17 | 1600 | | 1555 | | 1555 | | |
| | | 17-23 | 1570 | | 1525 | | 1525 | | |
| | | 23-24 | 1600 | | 1555 | | 1555 | | |
| | 2nd June 2018 | 00-17 | 1710 | 45 | 1665 | 0 | 1665 | | |
| | | 17-23 | 1760 | | 1715 | | 1715 | | |
| | | 23-24 | 1710 | | 1665 | | 1665 | | |
| | 3rd June 2018 | 00-08 | 1710 | 45 | 1665 | 0 | 1665 | | |
| | | 08-17 | 1600 | | 1555 | | 1555 | | |
| | | 17-23 | 1570 | | 1525 | | 1525 | | |
| | | 23-24 | 1600 | | 1555 | | 1555 | | |
| | 4th June 2018 to 9th June 2018 | 00-17 | 1600 | 45 | 1555 | 0 | 1555 | | |
| | | 17-23 | 1570 | | 1525 | | 1525 | | |
| | | 23-24 | 1600 | | 1555 | | 1555 | | |
| | 10th June 2018 to 30th June 2018 | 00-17 | 1710 | 45 | 1665 | 0 | 1665 | | |
| | | 17-23 | 1760 | | 1715 | | 1715 | | |
| 23-24 | | 1710 | 1665 | | 1665 | | | | |

| | | | | | | | | | |
|--------------------------|---------------------------------|-------|---|--|--|--|--|--|--|
| W3 zone Injection | 1st June 2018 to 30th June 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 - 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.

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) KWPCCL, 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 June 2018 | 00-08 | 12850 | 800 | 12050 | 12592 | 0 | | |
| | | | 11900** | | 11100** | | 0** | | |
| | | 08-18 | 14300 | | 13500 | | 908 | | |
| | | | 13350** | | 12550** | | 908** | | |
| | | 18-23 | 12800 | | 12000 | | 0 | | |
| | 11850** | | 11050** | 0** | | | | | |
| | 23-24 | 14300 | 13500 | 908 | | | | | |
| | | 13350** | 12550** | 908** | | | | | |
| | 2nd June 2018 to 5th June 2018 | 00-18 | 14300 | 13500 | 908 | | | | |
| | | | 13350** | 12550** | 908** | | | | |
| | | 18-23 | 12800 | 12000 | 0 | | | | |
| | | | 11850** | 11050** | 0** | | | | |
| | 23-24 | 14300 | 13500 | 908 | | | | | |
| | | 13350** | 12550** | 908** | | | | | |
| | 06th June 2018 | 00-18 | 12850 | 12050 | 0 | 12592 | -1450 | Due to Continuous forced outage of HVDC Champa-Kurukshetra Pole-2 | |
| | | | 11900** | 11100** | 0** | | | | |
| | | 18-23 | 11550 | 10750 | 0 | | | | |
| | | | 10600** | 9800** | 0** | | | | |
| | | 23-24 | 12850 | 12050 | 0 | | | | |
| | 11900** | | 11100** | 0** | | | | | |
| 07th June 2018 to 30th June 2018 | 00-18 | 14300 | 13500 | 908 | 12592 | 908** | | | |
| | | 13350** | 12550** | 908** | | | | | |
| | 18-23 | 12800 | 12000 | 0 | | | | | |
| | | 11850** | 11050** | 0** | | | | | |
| | 23-24 | 14300 | 13500 | 908 | | | | | |
| 13350** | | 12550** | 908** | | | | | | |

| 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 | 1st June 2018 | 00-09 | 1200 | 45 | 1155 | 225 | 930 | | |
| | | 09-17 | 980 | | 935 | | 710 | | |
| | | 17-23 | 950 | | 905 | | 680 | | |
| | | 23-24 | 980 | | 935 | | 710 | | |
| | 2nd June 2018 | 00-17 | 1200 | 45 | 1155 | 225 | 930 | | |
| | | 17-23 | 1100 | | 1055 | | 830 | | |
| | | 23-24 | 1200 | | 1155 | | 930 | | |
| | 3rd June 2018 | 00-08 | 1200 | 45 | 1155 | 225 | 930 | | |
| | | 08-17 | 980 | | 935 | | 710 | | |
| | | 17-23 | 950 | | 905 | | 680 | | |
| | | 23-24 | 980 | | 935 | | 710 | | |
| | 4th June 2018 to 9th June 2018 | 00-17 | 980 | 45 | 935 | 225 | 710 | | |
| | | 17-23 | 950 | | 905 | | 680 | | |
| | | 23-24 | 980 | | 935 | | 710 | | |
| | 10th June 2018 to 30th June 2018 | 00-17 | 1200 | 45 | 1155 | 225 | 930 | | |
| | | 17-23 | 1100 | | 1055 | | 830 | | |
| 23-24 | | 1200 | 1155 | | 930 | | | | |
| WR | | | | | | | | | |
| | | | | | | | | | |
| SR | 1st June 2018 | 00-05 | 9500 | 750 | 8750 | 7778 | 972 | | |
| | | 05-06 | 9500 | | 8750 | 7778 | 972 | | |
| | | 06-07 | 9500 | | 8750 | 7863 | 887 | | |
| | | 07-18 | 8500 | | 7750 | 7863 | 0 | | |
| | | 18-22 | 8500 | | 7750 | 7778 | 0 | | |
| | | 22-24 | 8500 | | 7750 | 7778 | 0 | | |
| | 2nd June 2018 | 00-05 | 8500 | 750 | 7750 | 7778 | 0 | | |
| | | 05-06 | 8500 | | 7750 | 7778 | 0 | | |
| | | 06-930 | 8500 | | 7750 | 7863 | 0 | | |
| | | 930-18 | 8300 | | 7550 | 7863 | 0 | | |
| | | 18-22 | 8500 | | 7750 | 7778 | 0 | | |
| | | 22-24 | 8500 | | 7750 | 7778 | 0 | | |
| 3rd June 2018 to 09th June 2018 | 00-05 | 8500 | 750 | 7750 | 7778 | 0 | | | |
| | 05-06 | 8500 | | 7750 | 7778 | 0 | | | |
| | 06-18 | 8500 | | 7750 | 7863 | 0 | | | |
| | 18-22 | 8500 | | 7750 | 7778 | 0 | | | |
| | 22-24 | 8500 | | 7750 | 7778 | 0 | | | |
| 10th June 2018 to 30th June 2018 | 00-05 | 9500 | 750 | 8750 | 7778 | 972 | | | |
| | 05-06 | 9500 | | 8750 | 7778 | 972 | | | |
| | 06-18 | 9500 | | 8750 | 7863 | 887 | | | |
| | 18-22 | 9500 | | 8750 | 7778 | 972 | | | |
| | 22-24 | 9500 | | 8750 | 7778 | 972 | | | |

* 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 June 2018 to 30th June 2018 | 00-06 | 4500 | 700 | 3800 | 248 | 3552 | | |
| | | 06-18 | | | 3800 | 368 | 3432 | | |
| | | 18-24 | | | 3800 | 248 | 3552 | | |
| NER | 1st June 2018 | 00-09 | 1710 | 45 | 1665 | 0 | 1665 | | |
| | | 09-17 | 1600 | | 1555 | | 1555 | | |
| | | 17-23 | 1570 | | 1525 | | 1525 | | |
| | | 23-24 | 1600 | | 1555 | | 1555 | | |
| | 2nd June 2018 | 00-17 | 1710 | 45 | 1665 | 0 | 1665 | | |
| | | 17-23 | 1760 | | 1715 | | 1715 | | |
| | | 23-24 | 1710 | | 1665 | | 1665 | | |
| | 3rd June 2018 | 00-08 | 1710 | 45 | 1665 | 0 | 1665 | | |
| | | 08-17 | 1600 | | 1555 | | 1555 | | |
| | | 17-23 | 1570 | | 1525 | | 1525 | | |
| | | 23-24 | 1600 | | 1555 | | 1555 | | |
| | 4th June 2018 to 9th June 2018 | 00-17 | 1600 | 45 | 1555 | 0 | 1555 | | |
| | | 17-23 | 1570 | | 1525 | | 1525 | | |
| | | 23-24 | 1600 | | 1555 | | 1555 | | |
| | 10th June 2018 to 30th June 2018 | 00-17 | 1710 | 45 | 1665 | 0 | 1665 | | |
| | | 17-23 | 1760 | | 1715 | | 1715 | | |
| | | 23-24 | 1710 | | 1665 | | 1665 | | |
| | WR | | | | | | | | |
| | | | | | | | | | |
| SR * | 1st June 2018 to 30th June 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)

| | | Applicable Revisions |
|-------------------|---|----------------------|
| Corridor | Constraint | |
| NR-WR | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak | Rev-0 to 12 |
| WR-NR | (n-1) Contingency of 765kV Gwalior-Agra one ckt leads to 2750 MW loading on second circuit. | Rev-0 to 3 |
| | (n-1) Contingency of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida. | Rev- 4 to 6 |
| | (n-1) contingency of 765/400 kV Agra ICT leads to high loading on other ICT | Rev-6 to 12 |
| | Restriction on Mundra Mahindragarh power flow due to high loading on 765/400 kV Vadodara ICTs | Rev-6 to 12 |
| NR-ER | (n-1) contingency of 400 kV Saranath-Pusauli | Rev-0 to 12 |
| 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 12 |
| WR-SR and ER-SR | a. (n-1) contingency of one ckt of 765 kV Wardha-Nizamabad D/C will lead to 874 MW loading on 400kV Vemagiri(PG)-Gazuwaka (When 400kV Vemagiri(PG)-Nunna S/C is not in service) b. (n-1) contingency of 400 kV Vemagiri - Vijaywada S/C will lead to high loading (874 MW) on 400 kV Vemagiri - Gazuwaka S/C (When 400 kV Vemagiri(PG) - Nunna S/C in kept in service) | Rev-0 |
| | Low Voltage at Gazuwaka (East) Bus. | Rev-0 to 12 |
| | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT | Rev-1 to 12 |
| 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 10 |
| | a. (n-1) contingency of 400kV Azara-Bonagaigaon S/c b. High loading of 220 kV Balipara-Sonabil line(200 MW) | Rev-11-12 |
| 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 10 |
| | a. (n-1) contingency of 400kV Azara-Bonagaigaon S/c b. High loading of 220 kV Balipara-Sonabil line(200 MW) | Rev-11-12 |
| W3 zone Injection | --- | Rev-0 to 11 |

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 400 kV MPL- Maithon S/c | Rev-0 to 12 |
| | | (n-1) Contingency of 765kV Gwalior-Agra one ckt leads to 2750 MW loading on second circuit. | Rev-0 to 3 |
| | | (n-1) Contingency of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida. | Rev-4 to 6 |
| | | (n-1) contingency of 765/400 kV Agra ICT leads to high loading on other ICT | Rev-6 to 12 |
| | Export | Restriction on Mundra Mahindragarh power flow due to high loading on 765/400 kV Vadodara ICTs | Rev-6 to 12 |
| | | (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 400/220 kV, 2x315 MVA ICTs at Misa b. High loading of 220 kV Balipara-Sonabil line(200 MW) | Rev-0 to 12 |
| | 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 12 |
| SR | Import | a. (n-1) contingency of one ckt of 765 kV Wardha-Nizamabad D/C will lead to 874 MW loading on 400kV Vemagiri(PG)-Gazuwaka (When 400kV Vemagiri(PG)-Nunna S/C is not in service) b. (n-1) contingency of 400 kV Vemagiri - Vijaywada S/C will lead to high loading (874 MW) on 400 kV Vemagiri - Gazuwaka S/C (When 400 kV Vemagiri(PG) - Nunna S/C in kept in service) | Rev-0 |
| | | Low Voltage at Gazuwaka (East) Bus. | Rev-0 to 12 |
| | | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT | Rev-1 to 12 |

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

| Revision No | Date of Revision | Period of Revision | Reason for Revision | Corridor Affected |
|-------------|------------------|--------------------|---|--------------------|
| 1 | 23rd March 2018 | Whole Month | <p>1. Revised due to commissioning/ reconfiguration of following lines: (a) Commissioning of 400kV Vijaywada(PG)-Vemagiri (PG) Ckt 2 & 3 (b) Commissioning of 400kV Vemagiri (PG)-Vemagiri (AP) 1 & 2 (c) Vemagiri (AP) end of 400 kV Simhadri II - Vemagiri (AP)- ckt 1 & 2 moved to 400 kV Vemagiri (PG)</p> <p>2. With the commissioning/ reconfiguration of above lines, TTC/ATC for Import of SR remains unchanged however the relative sensitivity of ER-SR and WR-SR to net import of SR has changed. The limiting constraint which was earlier (n-1) contingency of one ckt of 765 kV Wardha-Nizamabad D/C and (n-1) contingency of 400 kV Vemagiri - Vijaywada S/C has also shifted to n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG).</p> | ER-SR/WR-SR |
| 2 | 27th Mar 2018 | Whole month | Revised STOA margin due to 200 MW LTA from Bokaro TPS-A of DVC to PSPCL | ER-NR/Import of NR |
| 3 | 2nd April 2018 | Whole month | Revised STOA margins due to change in allocation from WR-ISGS to J&K, to WR ISGS to Gujarat | WR-NR/Import of NR |
| 4 | 26th April 2018 | Whole month | <p>Revised considering (a) newly commissioned 765kV Jabalpur-Orai D/C, Orai-Aliagarh D/C, LILO 765kV Satna-Gwalior-1 S/C at Orai, 2*1000MVA 765/400kV Orai ICTs, 400kV Orai PG- Orai UP D/C, LILO of 765kV Kanpur-Jhatikara S/C at Aligarh, LILO of 765kV Agra-Greater Noida at Aligarh and (b) due to restriction on power order of HVDC Mundra - Mahindragarh bipole due to low generation at APL Mundra</p> | WR-NR/Import of NR |
| 5 | 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 |

| | | | | |
|----|---------------|------------------------------|---|------------------------------------|
| 6 | 28th May 2018 | Whole Month | Revised due to: (a) Forced outage of (i) 765 kV Agra-Gwalior-S/C (ii) 765 kV Agra Aligarh S/C. (iii) 765 kV Agra-Jhatikara S/C (b) Restriction on Mundra Mohindragarh power flow due to high loading on 765/400 kV Vadodara ICTs (c) Frequent outage of HVDC Champa Kurukshetra Pole (d) Change in STOA margin due to relinquishment of 52 MW MTOA | WR-NR/Import of NR |
| | | | Revised STOA margins due to change in LTA | ER-NR/Import of NR |
| | | | Revised STOA margins due to change in LTA | ER-SR/Import of SR |
| | | | Revised STOA margins due to change in LTA | NR-WR |
| 7 | 30th May 2018 | 01st June 18 to 09th June 18 | Revised due to Continuous shutdown of 400kV Ramagundam-Chandrapur-1 and 2 | WR-SR/Import of SR |
| 8 | 31st May 2018 | 01st June 18 | Revised due to daytime shutdown of 400 kV Bongaigaon-Azara S/C | ER-NER/NER-ER/Import/Export of NER |
| | | Whole Month | Revised due to change in load - generation pattern of NER and addition of Pare HEP (2*55 MW) | ER-NER/NER-ER/Import/Export of NER |
| 9 | 31st May 2018 | 01st June 18 | Revised due to Emergency outage of 1 Pole of HVDC Champa - Kurukshetra due to leakage in voltage divider at Kurukshetra | WR-NR/Import of NR |
| 10 | 01st June 18 | 02nd June 18 | Revised due to shutdown of 765/400kV ICT-1 at Maheshwaram | WR-SR/Import of SR |
| 11 | 03rd June 18 | 09th June 18 | Revision due to S/D of 400kV Bongaigaon-Byrnihat S/C | ER-NER/NER-ER/Import/Export of NER |
| 12 | 05th June 18 | 06th June 18 | Due to Continuous forced outage of HVDC Champa-Kurukshetra Pole-2 | WR-NR/Import of NR |

| ASSUMPTIONS IN BASECASE | | | | | |
|-------------------------|----------------------------|----------------|--------------------|------------|-----------------|
| | | | | | Month : June'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 | 9707 | 9255 | 5080 | 5139 |
| 2 | Haryana | 7845 | 7675 | 2070 | 2070 |
| 3 | Rajasthan | 10903 | 10986 | 6590 | 6590 |
| 4 | Delhi | 6209 | 6317 | 979 | 979 |
| 5 | Uttar Pradesh | 17071 | 16516 | 9906 | 9869 |
| 6 | Uttarakhand | 2141 | 1443 | 1086 | 970 |
| 7 | Himachal Pradesh | 1467 | 785 | 671 | 477 |
| 8 | Jammu & Kashmir | 2576 | 2095 | 927 | 919 |
| 9 | Chandigarh | 318 | 220 | 0 | 0 |
| 10 | ISGS/IPPs | 25 | 25 | 20852 | 18422 |
| | Total NR | 58263 | 55317 | 48161 | 45435 |
| II | EASTERN REGION | | | | |
| 1 | Bihar | 4191 | 2611 | 310 | 220 |
| 2 | Jharkhand | 1141 | 864 | 364 | 280 |
| 3 | Damodar Valley Corporation | 2804 | 2491 | 5264 | 3725 |
| 4 | Orissa | 3987 | 3155 | 3015 | 2450 |
| 5 | West Bengal | 8786 | 5468 | 5340 | 3720 |
| 6 | Sikkim | 85 | 85 | 0 | 0 |
| 7 | Bhutan | 214 | 220 | 784 | 582 |
| 8 | ISGS/IPPs | 264 | 258 | 11528 | 9399 |
| | Total ER | 21472 | 15151 | 26605 | 20377 |
| III | WESTERN REGION | | | | |
| 1 | Maharashtra | 15689 | 15068 | 10238 | 9681 |
| 2 | Gujarat | 13522 | 13370 | 8045 | 9316 |
| 3 | Madhya Pradesh | 7995 | 6892 | 2889 | 3127 |
| 4 | Chattisgarh | 3509 | 3177 | 2230 | 2230 |
| 5 | Daman and Diu | 237 | 300 | 0 | 0 |
| 6 | Dadra and Nagar Haveli | 674 | 764 | 0 | 0 |
| 7 | Goa-WR | 474 | 326 | 0 | 0 |
| 8 | ISGS/IPPs | 3553 | 3411 | 39400 | 34704 |
| | Total WR | 45653 | 43308 | 62801 | 59058 |

| 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 | 8636 | 8691 | 6402 | 3978 |
| 2 | Telangana | 7593 | 5803 | 3899 | 2983 |
| 3 | Karnataka | 9129 | 6068 | 6560 | 5033 |
| 4 | Tamil Nadu | 14945 | 13659 | 7857 | 7451 |
| 5 | Kerala | 3635 | 2109 | 1482 | 129 |
| 6 | Pondy | 376 | 374 | 0 | 0 |
| 7 | Goa-SR | 85 | 84 | 0 | 0 |
| 8 | ISGS/IPPs | 0 | 0 | 11925 | 10693 |
| | Total SR | 44398 | 36788 | 38125 | 30267 |
| V | NORTH-EASTERN REGION | | | | |
| 1 | Arunachal Pradesh | 137 | 74 | 0 | 0 |
| 2 | Assam | 1278 | 1084 | 228 | 116 |
| 3 | Manipur | 171 | 87 | 0 | 0 |
| 4 | Meghalaya | 281 | 196 | 192 | 66 |
| 5 | Mizoram | 102 | 69 | 8 | 8 |
| 6 | Nagaland | 122 | 83 | 22 | 12 |
| 7 | Tripura | 242 | 149 | 78 | 78 |
| 8 | ISGS/IPPs | 141 | 100 | 1995 | 1773 |
| | Total NER | 2475 | 1844 | 2523 | 2053 |
| | Total All India | 172704 | 152805 | 179054 | 157811 |