

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

Issue Date: 13th October 2018

Issue Time: 1130 hrs

Revision No. 9

| 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 October 2018 to 31st October 2018 | 00-06 | 2500 | 500 | 2000 | 195 | 1805 | | | |
| | | 06-18 | | | | 250 | 1750 | | | |
| | | 18-24 | | | | 195 | 1805 | | | |
| WR-NR* | 1st October 2018 to 5th October 2018 | 00-24 | 12250 11300** | 500 | 11750 10800** | 9085 8135** | 2665 2665** | | | |
| | 6th October 2018 to 31st October 2018 | 00-24 | 12250 11775** | 500 | 11750 11275** | 8610 8135** | 3140 3140** | | | |
| NR-ER* | 1st October 2018 to 31st October 2018 | 00-06 | 2000 | 200 | 1800 | 193 | 1607 | | | |
| | | 06-18 | 2000 | | | 1800 | 303 | 1497 | | |
| | | 18-24 | 2000 | | | 1800 | 193 | 1607 | | |
| ER-NR* | 1st October 2018 to 31st October 2018 | 00-24 | 5250 | 300 | 4950 | 3867 | 1083 | | | |
| W3-ER | 1st October 2018 to 31st October 2018 | 00-24 | No limit is being specified. | | | | | | | |
| ER-W3 | 1st October 2018 to 31st October 2018 | 00-24 | No limit is being specified. | | | | | | | |
| WR-SR | 1st October 2018 to 11th October 2018 | 00-05 | 5150 | 500 | 4650 | 4535 | 115 | | | |
| | | 05-22 | 5150 | | | | 4650 | 115 | | |
| | | 22-24 | 5150 | | | | 4650 | 115 | | |
| | 12th October 2018 | 00-05 | 7500 | 750 | 6750 | 4535 | 2215 | | | |
| | | 05-22 | 7500 | | | | 6750 | 2215 | | |
| | | 22-24 | 7500 | | | | 6750 | 2215 | | |
| | 13th October 2018 | 00-05 | 6000 | 500 | 5500 | 4535 | 965 | | | |
| | | 05-22 | 6000 | | | | 5500 | 965 | | |
| | | 22-24 | 6000 | | | | 5500 | 965 | | |
| | 14th October 2018 | 00-05 | 6000 | 500 | 5500 | 4535 | 965 | (-1500) compared to 12.10.18 | Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI. Further, considering transient angular stability during contingency of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT at Maheshwaram | |
| | | 05-22 | 6000 | | | | 5500 | | | 965 |
| | | 22-24 | 6000 | | | | 5500 | | | 965 |
| | 15th October 2018 to 31st October 2018 | 00-05 | 5150 | 500 | 4650 | 4535 | 115 | | | |
| | | 05-22 | 5150 | | | | 4650 | 115 | | |
| | | 22-24 | 5150 | | | | 4650 | 115 | | |
| SR-WR * | 1st October 2018 to 31st October 2018 | 00-24 | No limit is being Specified. | | | | | | | |
| ER-SR | 1st October 2018 to 04th October 2018 | 00-06 | 4350 | 250 | 4100 | 2762 | 1338 | | | |
| | | 06-18 | | | | 2847 | 1253 | | | |
| | | 18-24 | | | | 2762 | 1338 | | | |

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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-SR | 5th October 2018 to 8th October 2018 | 00-06 | 4350 | 250 | 4100 | 2762 | 1338 | | | |
| | | 06-830 | 4350 | | 4100 | 2847 | 1253 | | | |
| | | 830-18 | 4050 | | 3800 | 2847 | 953 | | | |
| | | 18-24 | 4050 | | 3800 | 2762 | 1038 | | | |
| | 9th October 2018 to 11th October 2018 | 00-06 | 4350 | 250 | 4100 | 2762 | 1338 | | | |
| | | 06-18 | | | | 2847 | 1253 | | | |
| | | 18-24 | | | | 2762 | 1338 | | | |
| | 12th October 2018 | 00-06 | 0 | 250 | 0 | 2762 | 0 | | | |
| | | 06-18 | | | | 2847 | 0 | | | |
| | | 18-24 | | | | 2762 | 0 | | | |
| | 13th October 2018 | 00-06 | 500 | 250 | 250 | 2762 | 0 | | | |
| | | 06-18 | | | | 2847 | 0 | | | |
| | | 18-24 | | | | 2762 | 0 | | | |
| | 14th October 2018 | 00-06 | 500 | 250 | 250 | 2762 | 0 | (500) compared to 12.10.18 | Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI. | |
| | | 06-18 | | | | 2847 | 0 | | | |
| | | 18-24 | | | | 2762 | 0 | | | |
| | 15th October 2018 to 31st October 2018 | 00-06 | 4350 | 250 | 4100 | 2762 | 1338 | | | |
| | | 06-18 | | | | 2847 | 1253 | | | |
| | | 18-24 | | | | 2762 | 1338 | | | |
| | SR-ER * | 1st October 2018 to 31st October 2018 | 00-24 | No limit is being Specified. | | | | | | |
| | ER-NER | 1st October 2018 to 03rd October 2018 | 00-17 | 1250 | 45 | 1205 | 225 | 980 | | |
| 17-23 | | | 1160 | 1115 | | 890 | | | | |
| 23-24 | | | 1250 | 1205 | | 980 | | | | |
| 4th October 2018 | | 00-09' | 1250 | 45 | 1205 | 225 | 980 | | | |
| | | 09-17' | 1030 | | 985 | | 760 | | | |
| | | 17-23 | 930 | | 885 | | 660 | | | |
| | | 23-24 | 1030 | | 985 | | 760 | | | |
| 5th October 2018 to 09th October 2018 | | 00-17 | 1250 | 45 | 1205 | 225 | 980 | | | |
| | | 17-23 | 1160 | | 1115 | | 890 | | | |
| | | 23-24 | 1250 | | 1205 | | 980 | | | |
| 10th October 2018 | | 00-08 | 1250 | 45 | 1205 | 225 | 980 | | | |
| | | 08-17 | 980 | | 935 | | 710 | | | |
| | | 17-23 | 890 | | 845 | | 620 | | | |
| | | 23-24 | 980 | | 935 | | 710 | | | |
| 11th October 2018 to 31st October 2018 | | 00-17 | 1250 | 45 | 1205 | 225 | 980 | | | |
| | | 17-23 | 1160 | | 1115 | | 890 | | | |
| | | 23-24 | 1250 | | 1205 | | 980 | | | |
| NER-ER | | 1st October 2018 to 03rd October 2018 | 00-17 | 1750 | 45 | 1705 | 0 | 1705 | | |
| | | | 17-23 | 1890 | | 1845 | | 1845 | | |
| | | | 23-24 | 1750 | | 1705 | | 1705 | | |
| | | 4th October 2018 | 00-09' | 1750 | 45 | 1705 | 0 | 1705 | | |
| | 09-17' | | 1370 | 1325 | | 1325 | | | | |
| | 17-23 | | 1480 | 1435 | | 1435 | | | | |
| | 23-24 | | 1370 | 1325 | | 1325 | | | | |
| | 5th October 2018 to 09th October 2018 | 00-17 | 1750 | 45 | 1705 | 0 | 1705 | | | |
| | | 17-23 | 1890 | | 1845 | | 1845 | | | |
| | | 23-24 | 1750 | | 1705 | | 1705 | | | |
| | 10th October 2018 | 00-08 | 1750 | 45 | 1705 | 0 | 1705 | | | |
| | | 08-17 | 1410 | | 1365 | | 1365 | | | |
| 17-23 | | 1470 | 1425 | | 1425 | | | | | |
| 23-24 | | 1410 | 1365 | | 1365 | | | | | |
| 11th October 2018 to 31st October 2018 | 00-17 | 1750 | 45 | 1705 | 0 | 1705 | | | | |
| | 17-23 | 1890 | | 1845 | | 1845 | | | | |
| | 23-24 | 1750 | | 1705 | | 1705 | | | | |
| W3 zone Injection | 1st October 2018 to 31st October 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).

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

**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.

Considering outage of Rihand-III unit 1 due to AMP work, ex-bus generation is being taken as 475 MW from 6th Oct'18 till 31st Oct'18.

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.

| | | | | | | | | | |
|--|---|--------|------|------|------|------|---------------------------------------|--|--|
| SR | 1st October 2018 to 4th October 2018 | 00-05 | 9500 | 750 | 8750 | 7298 | 1452 | | |
| | | 05-06 | 9500 | | 8750 | 7298 | 1452 | | |
| | | 06-18 | 9500 | | 8750 | 7383 | 1367 | | |
| | | 18-22 | 9500 | | 8750 | 7298 | 1452 | | |
| | | 22-24 | 9500 | | 8750 | 7298 | 1452 | | |
| | 5th October 2018 to 8th October 2018 | 00-05 | 9500 | 750 | 8750 | 7298 | 1452 | | |
| | | 05-06 | 9500 | | 8750 | 7298 | 1452 | | |
| | | 06-830 | 9500 | | 8750 | 7383 | 1367 | | |
| | | 830-18 | 9200 | | 8450 | 7383 | 1067 | | |
| | | 18-22 | 9200 | | 8450 | 7298 | 1152 | | |
| | 9th October 2018 to 11th October 2018 | 00-05 | 9500 | 750 | 8750 | 7298 | 1452 | | |
| | | 05-06 | 9500 | | 8750 | 7298 | 1452 | | |
| | | 06-18 | 9500 | | 8750 | 7383 | 1367 | | |
| | | 18-22 | 9500 | | 8750 | 7298 | 1452 | | |
| | | 22-24 | 9500 | | 8750 | 7298 | 1452 | | |
| | 12th October 2018 | 00-05 | 7500 | 750 | 6750 | 7298 | 0 | | |
| | | 05-06 | 7500 | | 6750 | 7298 | 0 | | |
| | | 06-18 | 7500 | | 6750 | 7383 | 0 | | |
| | | 18-22 | 7500 | | 6750 | 7298 | 0 | | |
| | | 22-24 | 7500 | | 6750 | 7298 | 0 | | |
| 13th October 2018 | 00-05 | 6500 | 750 | 5750 | 7298 | 0 | | | |
| | 05-06 | 6500 | | 5750 | 7298 | 0 | | | |
| | 06-18 | 6500 | | 5750 | 7383 | 0 | | | |
| | 18-22 | 6500 | | 5750 | 7298 | 0 | | | |
| | 22-24 | 6500 | | 5750 | 7298 | 0 | | | |
| 14th October 2018 | 00-05 | 6500 | 750 | 5750 | 7298 | 0 | (-1000) compared to 12.10.18 | Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI. Further, considering transient angular stability during contingency of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT at Maheshwaram | |
| | 05-06 | 6500 | | 5750 | 7298 | 0 | | | |
| | 06-18 | 6500 | | 5750 | 7383 | 0 | | | |
| | 18-22 | 6500 | | 5750 | 7298 | 0 | | | |
| | 22-24 | 6500 | | 5750 | 7298 | 0 | | | |
| 15th October 2018 to 31st October 2018 | 00-05 | 9500 | 750 | 8750 | 7298 | 1452 | | | |
| | 05-06 | 9500 | | 8750 | 7298 | 1452 | | | |
| | 06-18 | 9500 | | 8750 | 7383 | 1367 | | | |
| | 18-22 | 9500 | | 8750 | 7298 | 1452 | | | |
| | 22-24 | 9500 | | 8750 | 7298 | 1452 | | | |

* 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.

Considering outage of Rihand-III unit 1 due to AMP work, ex-bus generation is being taken as 475 MW from 6th Oct'18 till 31st Oct'18.

* 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 October 2018 to 31st October 2018 | 00-06 | 4500 | 700 | 3800 | 388 | 3412 | | |
| | | 06-18 | | | 3800 | 553 | 3247 | | |
| | | 18-24 | 4500 | | 3800 | 388 | 3412 | | |
| NER | 1st October 2018 to 3rd October 2018 | 00-17 | 1750 | 45 | 1705 | 0 | 1705 | | |
| | | 17-23 | 1890 | | 1845 | | 1845 | | |
| | | 23-24 | 1750 | | 1705 | | 1705 | | |
| | 4th October 2018 | 00-09' | 1750 | 45 | 1705 | 0 | 1705 | | |
| | | 09-17' | 1370 | | 1325 | | 1325 | | |
| | | 17-23 | 1480 | | 1435 | | 1435 | | |
| | | 23-24 | 1370 | | 1325 | | 1325 | | |
| | 5th October 2018 to 09th October 2018 | 00-17 | 1750 | 45 | 1705 | 0 | 1705 | | |
| | | 17-23 | 1890 | | 1845 | | 1845 | | |
| | | 23-24 | 1750 | | 1705 | | 1705 | | |
| | 10th October 2018 | 00-08 | 1750 | 45 | 1705 | 0 | 1705 | | |
| | | 08-17 | 1410 | | 1365 | | 1365 | | |
| | | 17-23 | 1470 | | 1425 | | 1425 | | |
| | | 23-24 | 1410 | | 1365 | | 1365 | | |
| | 11th October 2018 to 31st October 2018 | 00-17 | 1750 | 45 | 1705 | 0 | 1705 | | |
| | | 17-23 | 1890 | | 1845 | | 1845 | | |
| | | 23-24 | 1750 | | 1705 | | 1705 | | |
| | WR | | | | | | | | |
| | | | | | | | | | |
| SR * | 1st October 2018 to 31st October 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 9 |
| WR-NR | (n-1) Contingency of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida. | Rev- 0 to 9 |
| | Frequent tripping of HVDC Champa - Kurukshetra poles | Rev-0 to 9 |
| NR-ER | (n-1) contingency of 400 kV Saranath-Pusauli | Rev-0 to 9 |
| 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 9 |
| WR-SR and ER-SR | n-1 contingency of 2x315 MVA,400/220 kV ICTs at Mardam will lead to overloading of the second ICT | Rev-2 to 6 |
| | Low Voltage at Gazuwaka (East) Bus. | Rev-0 to 9 |
| WR-SR | 1. (N-1) contingency of 765kV one ICT at Maheswaram will lead to 1500 MW loading of Other ICT. 2. Simultaneous outage of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT Maheshwaram may lead to transient angular instability | Rev-7-9 |
| 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 9 |
| 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 9 |
| W3 zone Injection | --- | Rev-0 to 9 |

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 9 |
| | | (n-1) Contingency of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida. | Rev-0 to 9 |
| | | Frequent tripping of HVDC Champa - Kurukshetra poles | Rev-0 to 9 |
| | 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 9 |
| 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 9 |
| | 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 9 |
| WR-SR | Import | 1. (N-1) contingency of 765kV one ICT at Maheswaram will lead to 1500 MW loading of Other ICT. 2. Simultaneous outage of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT Maheshwaram may lead to transient angular instability | Rev-7-9 |
| SR | Import | n-1 contingency of 2x315 MVA,400/220 kV ICTs at Mardam will lead to overloading of the second ICT | Rev- 2 to 6 |
| | | Low Voltage at Gazuwaka (East) Bus. | Rev-0 to 9 |

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

| Revision No | Date of Revision | Period of Revision | Reason for Revision/Comment | Corridor Affected |
|-------------|-------------------|--|--|--|
| 1 | 1st August 2018 | Whole Month | Revised STOA margins due to: (a) 40 MW allocation to MP from NR ISGS (b) 100 MW allocation to Chattisgarh from Kishanganga NR | NR- WR/Export of NR |
| | | | Revised STOA margin due to change in LTA/MTOA | WR-NR/ER- NR/Import of NR |
| | | | Revised STOA margins due to revocation of 500 MW LTA from Ind-bharat | ER- SR/Import of SR |
| 2 | 27th September | Whole Month | Revised STOA margin due to change in LTA/MTOA | WR- NR/Import/E xport of NR |
| | | | Revised due to change in load generation balance and network conditions and change in pattern of inter-regional flow towards NR | WR- NR/Import of NR |
| 3 | 02nd October 2018 | 04th October 2018 | Revised due to shutdown of 400 kV Bongaigaon -Byrnihat Line | ER-NER/NER- ER/NER Export/Impo rt |
| 4 | 03rd October 2018 | 05th October 2018 to 08th October 2018 | Revised due to shutdown of 400kV Jeypore-Gazuwaka-II and I (two days each) on daily basis | ER- SR/Import of SR |
| 5 | 5th October 2018 | 06th October 2018 to 31st October 2018 | Revised STOA margin due to outage of Rihand-III #1 on account of AMP work | WR- NR/Import of NR |
| 6 | 9th October 2018 | 10th October 2018 | Revised due to Shutdown of 400 kV Bongaigaon -Azara Line. | ER-NER/NER- ER/NER Export/Impo rt |
| 7 | 11th October 2018 | 12th October 2018 | Revised due to tripping of HVDC Talcher-Kolar & 765kV D/C Angul-Srikakulam lines due to vulnerable cyclonic condition in South Odisha network. | ER- SR/Import of SR |
| | | | Revised as Power Re-route via WR-SR corridor due to change in limiting constarint in view of ER-SR corridor trippings. | WR- SR/Import of SR |
| 8 | 12th October 2018 | 13th October 2018 | Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI. Further, considering transient angular stability during contingency of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT at Maheshwaram | WR- SR/Import of SR |
| | | | Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI. | ER- SR/Import of SR |
| 9 | 13th October 2018 | 14th October 2018 | Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI. Further, considering transient angular stability during contingency of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT at Maheshwaram | WR- SR/Import of SR |
| | | | Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI. | ER- SR/Import of SR |

| ASSUMPTIONS IN BASECASE | | | | | |
|-------------------------|----------------------------|----------------|--------------------|--------------------|---------------|
| | | | | Month : October'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 | 9326 | 5458 | 5426 |
| 2 | Haryana | 8627 | 7492 | 2765 | 2445 |
| 3 | Rajasthan | 9370 | 9169 | 5305 | 5784 |
| 4 | Delhi | 5806 | 5589 | 1075 | 1099 |
| 5 | Uttar Pradesh | 15893 | 14651 | 9512 | 9412 |
| 6 | Uttarakhand | 2117 | 1848 | 1083 | 1145 |
| 7 | Himachal Pradesh | 1503 | 1203 | 1107 | 883 |
| 8 | Jammu & Kashmir | 2799 | 1692 | 1514 | 785 |
| 9 | Chandigarh | 344 | 220 | 0 | 0 |
| 10 | ISGS/IPPs | 24 | 24 | 20279 | 15055 |
| | Total NR | 56958 | 51211 | 48099 | 42035 |
| II | EASTERN REGION | | | | |
| 1 | Bihar | 4087 | 2852 | 310 | 200 |
| 2 | Jharkhand | 1171 | 873 | 364 | 225 |
| 3 | Damodar Valley Corporation | 2925 | 2668 | 5264 | 4225 |
| 4 | Orissa | 4009 | 3194 | 2539 | 2192 |
| 5 | West Bengal | 8603 | 5717 | 5360 | 4272 |
| 6 | Sikkim | 84 | 84 | 0 | 0 |
| 7 | Bhutan | 212 | 218 | 1592 | 1526 |
| 8 | ISGS/IPPs | 265 | 259 | 11202 | 8824 |
| | Total ER | 21357 | 15866 | 26631 | 21464 |
| III | WESTERN REGION | | | | |
| 1 | Maharashtra | 16834 | 13516 | 11885 | 9571 |
| 2 | Gujarat | 14542 | 13186 | 7379 | 7074 |
| 3 | Madhya Pradesh | 9729 | 7523 | 4011 | 3862 |
| 4 | Chattisgarh | 4171 | 3477 | 2999 | 2383 |
| 5 | Daman and Diu | 333 | 295 | 0 | 0 |
| 6 | Dadra and Nagar Haveli | 804 | 728 | 0 | 0 |
| 7 | Goa-WR | 516 | 373 | 0 | 0 |
| 8 | ISGS/IPPs | 4170 | 3476 | 39160 | 31931 |
| | Total WR | 51098 | 42575 | 65434 | 54821 |

| 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 | 6984 | 5903 | 3947 |
| 2 | Telangana | 8305 | 8102 | 4447 | 4177 |
| 3 | Karnataka | 9352 | 5764 | 6477 | 4630 |
| 4 | Tamil Nadu | 14096 | 12115 | 8411 | 7493 |
| 5 | Kerala | 3673 | 2434 | 1564 | 283 |
| 6 | Pondy | 373 | 371 | 0 | 0 |
| 7 | Goa-SR | 84 | 84 | 0 | 0 |
| 8 | ISGS/IPPs | 0 | 0 | 11055 | 9542 |
| | Total SR | 43986 | 35853 | 37857 | 30072 |
| V | NORTH-EASTERN REGION | | | | |
| 1 | Arunachal Pradesh | 123 | 74 | 0 | 0 |
| 2 | Assam | 1318 | 1292 | 307 | 196 |
| 3 | Manipur | 171 | 95 | 0 | 0 |
| 4 | Meghalaya | 267 | 194 | 313 | 214 |
| 5 | Mizoram | 99 | 68 | 8 | 8 |
| 6 | Nagaland | 129 | 78 | 22 | 12 |
| 7 | Tripura | 205 | 117 | 61 | 59 |
| 8 | ISGS/IPPs | 159 | 131 | 1963 | 1784 |
| | Total NER | 2471 | 2049 | 2674 | 2273 |
| | Total All India | 176311 | 147947 | 182392 | 152286 |