

**National Load Despatch Centre
Total Transfer Capability for February 2019**

Issue Date: 17th February 2019

Issue Time: 1230 hrs

Revision No. 6

| 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 February 2019 to 28th February 2019 | 00-06 | 2500 | 500 | 2000 | 195 | 1805 | | | |
| | | 06-18 | | | | 250 | 1750 | | | |
| | | 18-24 | | | | 195 | 1805 | | | |
| WR-NR* | 1st February 2019 to 28th February 2019 | 00-24 | 13250 | 500 | 12750 | 9383 | 3367 | | | |
| | | | 12300** | | 11800** | 8433** | 3367** | | | |
| NR-ER* | 1st February 2019 to 28th February 2019 | 00-06 | 2000 | 200 | 1800 | 193 | 1607 | | | |
| | | 06-18 | 2000 | | 1800 | 303 | 1497 | | | |
| | | 18-24 | 2000 | | 1800 | 193 | 1607 | | | |
| ER-NR* | 1st February 2019 to 28th February 2019 | 00-24 | 5250 | 300 | 4950 | 3892 | 1058 | | | |
| W3-ER | 1st February 2019 to 28th February 2019 | 00-24 | No limit is being specified. | | | | | | | |
| ER-W3 | 1st February 2019 to 28th February 2019 | 00-24 | No limit is being specified. | | | | | | | |
| WR-SR | 1st February 2019 to 28th February 2019 | 00-05 | 5550 | 500 | 5050 | 4435 | 615 | | | |
| | | 05-22 | 5550 | | 5050 | | 615 | | | |
| | | 22-24 | 5550 | | 5050 | | 615 | | | |
| SR-WR * | 1st February 2019 to 28th February 2019 | 00-24 | No limit is being Specified. | | | | | | | |
| ER-SR | 1st February 2019 | 00-06 | 3950 | 250 | 3700 | 2762 | 938 | | | |
| | | 06-18 | | | | 2847 | 853 | | | |
| | | 18-24 | | | | 2762 | 938 | | | |
| | 02nd February 2019 | 00-05 | 2950 | 250 | 2700 | 2762 | 938 | | | |
| | | 05-06 | | | | 2762 | 0 | | | |
| | | 06-18 | | | | 2847 | 0 | | | |
| | 18-24 | 2762 | 0 | | | | | | | |
| | | 3rd February 2019 to 04th February 2019 | 00-06 | 2950 | 250 | 2700 | 2762 | 0 | | |
| | | | 06-18 | | | | 2847 | 0 | | |
| | 18-24 | | 2762 | | | | 0 | | | |
| | 05th February 2019 to 06th February 2019 | 00-06 | 3950 | 250 | 3700 | 2762 | 938 | | | |
| | | 06-18 | | | | 2847 | 853 | | | |
| | | 18-24 | | | | 2762 | 938 | | | |
| | 07th February 2019 to 28th February 2019 | 00-06 | 4950 | 250 | 4700 | 2762 | 1938 | | | |
| | | 06-18 | | | | 2847 | 1853 | | | |
| 18-24 | | 2762 | | | | 1938 | | | | |
| SR-ER * | 1st February 2019 to 28th February 2019 | 00-24 | No limit is being Specified. | | | | | | | |

**National Load Despatch Centre
Total Transfer Capability for February 2019**

Issue Date: 17th February 2019

Issue Time: 1230 hrs

Revision No. 6

| 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 February 2019 | 00-17 | 1280 | 45 | 1235 | 225 | 1010 | | |
| | | 17-23 | 1450 | | 1405 | | 1180 | | |
| | | 23-24 | 1280 | | 1235 | | 1010 | | |
| | 2nd February 2019 | 00-08 | 1280 | 45 | 1235 | 225 | 1010 | | |
| | | 08-17 | 1070 | | 1025 | | 800 | | |
| | | 17-23 | 1160 | | 1115 | | 890 | | |
| | | 23-24 | 1070 | | 1025 | | 800 | | |
| | 3rd February 2019 to 17th February 2019 | 00-17 | 1280 | 45 | 1235 | 225 | 1010 | | |
| | | 17-23 | 1450 | | 1405 | | 1180 | | |
| | | 23-24 | 1280 | | 1235 | | 1010 | | |
| | 18th February 2019 | 00-08 | 1280 | 45 | 1235 | 225 | 1010 | 0 | Revised due to day time Shutdown of 400/220 kV ICT 2 at Misa S/s |
| | | 08-17 | 830 | | 785 | | 560 | -450 | |
| | | 17-23 | 1070 | | 1025 | | 800 | -380 | |
| | | 23-24 | 830 | | 785 | | 560 | -450 | |
| | 19th February 2019 | 00-08 | 1280 | 45 | 1235 | 225 | 1010 | 0 | Revised due to Continuous Shutdown of 400/220 kV ICT 1 at Misa S/s |
| | | 08-17 | 830 | | 785 | | 560 | -450 | |
| 17-23 | | 1070 | 1025 | | 800 | | -380 | | |
| 23-24 | | 830 | 785 | | 560 | | -450 | | |
| 20th February 2019 to 28th February 2019 | 00-17 | 830 | 45 | 785 | 225 | 560 | -450 | | |
| | 17-23 | 1070 | | 1025 | | 800 | -380 | | |
| | 23-24 | 830 | | 785 | | 560 | -450 | | |
| NER-ER | 1st February 2019 | 00-17 | 1900 | 45 | 1855 | 0 | 1855 | | |
| | | 17-23 | 1830 | | 1785 | | 1785 | | |
| | | 23-24 | 1900 | | 1855 | | 1855 | | |
| | 2nd February 2019 | 00-08 | 1900 | 45 | 1855 | 0 | 1855 | | |
| | | 08-17 | 1490 | | 1445 | | 1445 | | |
| | | 17-23 | 1460 | | 1415 | | 1415 | | |
| | | 23-24 | 1490 | | 1445 | | 1445 | | |
| | 3rd February 2019 to 17th February 2019 | 00-17 | 1900 | 45 | 1855 | 0 | 1855 | | |
| | | 17-23 | 1830 | | 1785 | | 1785 | | |
| | | 23-24 | 1900 | | 1855 | | 1855 | | |
| | 18th February 2019 | 00-08 | 1900 | 45 | 1855 | 0 | 1855 | 0 | Revised due to day time Shutdown of 400/220 kV ICT 2 at Misa S/s |
| | | 08-17 | 1530 | | 1485 | | 1485 | -370 | |
| | | 17-23 | 1400 | | 1355 | | 1355 | -430 | |
| | | 23-24 | 1530 | | 1485 | | 1485 | -370 | |
| | 19th February 2019 | 00-08 | 1900 | 45 | 1855 | 0 | 1855 | 0 | Revised due to Continuous Shutdown of 400/220 kV ICT 1 at Misa S/s |
| | | 08-17 | 1530 | | 1485 | | 1485 | -370 | |
| 17-23 | | 1400 | 1355 | | 1355 | | -430 | | |
| 23-24 | | 1530 | 1485 | | 1485 | | -370 | | |
| 20th February 2019 to 28th February 2019 | 00-17 | 1530 | 45 | 1485 | 0 | 1485 | -370 | | |
| | 17-23 | 1400 | | 1355 | | 1355 | -430 | | |
| | 23-24 | 1530 | | 1485 | | 1485 | -370 | | |

National Load Despatch Centre
Total Transfer Capability for February 2019

Issue Date: 17th February 2019

Issue Time: 1230 hrs

Revision No. 6

| 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 |
|--------------------------|---|-------------------|---|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| W3 zone Injection | 1st February 2019 to 28th February 2019 | 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) 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 February 2019 to 28th February 2019 | 00-06 | 17650 | 800 | 16850 | 13275 | 3575 | | | |
| | | | 16700** | | 15900** | | 3575** | | | |
| | | 06-17 | 18900 | | 18100 | | 4825 | | | |
| | | | 17950** | | 17150** | | 4825** | | | |
| | 17-24 | 17000 | 16200 | 2925 | | | | | | |
| | | | 16050** | 15250** | 2925** | | | | | |
| NER | 1st February 2019 | 00-17 | 1280 | 45 | 1235 | 225 | 1010 | | | |
| | | 17-23 | 1450 | | 1405 | | 1180 | | | |
| | | 23-24 | 1280 | | 1235 | | 1010 | | | |
| | 2nd February 2019 | 00-08 | 1280 | 45 | 1235 | 225 | 1010 | | | |
| | | 08-17 | 1070 | | 1025 | | 800 | | | |
| | | 17-23 | 1160 | | 1115 | | 890 | | | |
| | | 23-24 | 1070 | | 1025 | | 800 | | | |
| | 3rd February 2019 to 17th February 2019 | 00-17 | 1280 | 45 | 1235 | 225 | 1010 | | | |
| | | 17-23 | 1450 | | 1405 | | 1180 | | | |
| | | 23-24 | 1280 | | 1235 | | 1010 | | | |
| | 18th February 2019 | 00-08 | 1280 | 45 | 1235 | 225 | 1010 | 0 | Revised due to day time Shutdown of 400/220 kV ICT 2 at Misa S/s | |
| | | 08-17 | 830 | | 785 | | 560 | -450 | | |
| | | 17-23 | 1070 | | 1025 | | 800 | -380 | | |
| | | 23-24 | 830 | | 785 | | 560 | -450 | | |
| | 19th February 2019 | 00-08 | 1280 | 45 | 1235 | 225 | 1010 | 0 | Revised due to Continuous Shutdown of 400/220 kV ICT 1 at Misa S/s | |
| | | 08-17 | 830 | | 785 | | 560 | -450 | | |
| | | 17-23 | 1070 | | 1025 | | 800 | -380 | | |
| | | 23-24 | 830 | | 785 | | 560 | -450 | | |
| | 20th February 2019 to 28th February 2019 | 00-17 | 830 | 45 | 785 | 225 | 560 | -450 | | |
| | | 17-23 | 1070 | | 1025 | | 800 | -380 | | |
| | | 23-24 | 830 | | 785 | | 560 | -450 | | |
| | WR | | | | | | | | | |
| | SR | 1st February 2019 | 00-06 | 9500 | 750 | 8750 | 7197 | 1553 | | |
| | | | 06-18 | 9500 | | 8750 | 7282 | 1468 | | |
| 18-24 | | | 9500 | 8750 | | 7197 | 1553 | | | |
| 02nd February 2019 | | 00-05 | 9500 | 750 | 8750 | 7197 | 1553 | | | |
| | | 05-06 | 8500 | | 7750 | 7197 | 553 | | | |
| | | 06-18 | 8500 | | 7750 | 7282 | 468 | | | |
| | | 18-24 | 8500 | | 7750 | 7197 | 553 | | | |

| | | | | | | | | | |
|-----------|--|-------|-------|-----|------|------|------|--|--|
| SR | 03rd February 2019 to 04th February 2019 | 00-06 | 8500 | 750 | 7750 | 7197 | 553 | | |
| | | 06-18 | 8500 | | 7750 | 7282 | 468 | | |
| | | 18-24 | 8500 | | 7750 | 7197 | 553 | | |
| | 05th February 2019 to 06th February 2019 | 00-06 | 9500 | 750 | 8750 | 7197 | 1553 | | |
| | | 06-18 | 9500 | | 8750 | 7282 | 1468 | | |
| | | 18-24 | 9500 | | 8750 | 7197 | 1553 | | |
| | 07th February 2019 to 28th February 2019 | 00-06 | 10500 | 750 | 9750 | 7197 | 2553 | | |
| | | 06-18 | 10500 | | 9750 | 7282 | 2468 | | |
| | | 18-24 | 10500 | | 9750 | 7197 | 2553 | | |

* 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 February 2019 to 28th February 2019 | 00-06 | 4500 | 700 | 3800 | 388 | 3412 | | |
| | | 06-18 | | | 3800 | 553 | 3247 | | |
| | | 18-24 | | | 3800 | 388 | 3412 | | |
| NER | 1st February 2019 | 00-17 | 1900 | 45 | 1855 | 0 | 1855 | | |
| | | 17-23 | 1830 | | 1785 | | 1785 | | |
| | | 23-24 | 1900 | | 1855 | | 1855 | | |
| | 2nd February 2019 | 00-08 | 1900 | 45 | 1855 | 0 | 1855 | | |
| | | 08-17 | 1490 | | 1445 | | 1445 | | |
| | | 17-23 | 1460 | | 1415 | | 1415 | | |
| | | 23-24 | 1490 | | 1445 | | 1445 | | |
| | 3rd February 2019 to 17th February 2019 | 00-17 | 1900 | 45 | 1855 | 0 | 1855 | | |
| | | 17-23 | 1830 | | 1785 | | 1785 | | |
| | | 23-24 | 1900 | | 1855 | | 1855 | | |
| | 18th February 2019 | 00-08 | 1900 | 45 | 1855 | 0 | 1855 | 0 | Revised due to day time Shutdown of 400/220 kV ICT 2 at Misa S/s |
| | | 08-17 | 1530 | | 1485 | | 1485 | -370 | |
| | | 17-23 | 1400 | | 1355 | | 1355 | -430 | |
| | | 23-24 | 1530 | | 1485 | | 1485 | -370 | |
| | 19th February 2019 | 00-08 | 1900 | 45 | 1855 | 0 | 1855 | 0 | Revised due to Continuous Shutdown of 400/220 kV ICT 1 at Misa S/s |
| | | 08-17 | 1530 | | 1485 | | 1485 | -370 | |
| | | 17-23 | 1400 | | 1355 | | 1355 | -430 | |
| | | 23-24 | 1530 | | 1485 | | 1485 | -370 | |
| | 20th February 2019 to 28th February 2019 | 00-17 | 1530 | 45 | 1485 | 0 | 1485 | -370 | |
| | | 17-23 | 1400 | | 1355 | | 1355 | -430 | |
| | | 23-24 | 1530 | | 1485 | | 1485 | -370 | |
| | WR | | | | | | | | |
| | | | | | | | | | |
| | SR * | 1st February 2019 to 28th February 2019 | 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 Bhanpura-Modak | Rev-0 to 6 |
| WR-NR | (n-1) Contingency of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida. | Rev-0 to 2 |
| | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Agra (PG) will lead to overloading of the second ICT | Rev-3 to 6 |
| | Frequent tripping of HVDC Champa - Kurukshetra poles | Rev-0 to 1 |
| | RVO operation of HVDC Champa Kurukshetra Poles | Rev-2 |
| | Reversal of BNC-Agra pole towards BNC & blocking of APD-Agra pole due to lean hydro period in NER | Rev - 2-6 |
| NR-ER | (n-1) contingency of 400 kV Saranath-Pusauli | Rev-0 to 6 |
| 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 6 |
| 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-0 to 6 |
| | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT | Rev-1 to 6 |
| | Low Voltage at Gazuwaka (East) Bus. | Rev-0 to 6 |
| ER-NER | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa | Rev-0 to 6 |
| | b. High loading of 220 kV Balipara-Sonabil line(200 MW) | Rev-0 to 6 |
| 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 6 |
| W3 zone Injection | --- | Rev-0 to 6 |

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 6 |
| | | (n-1) Contingency of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida. | Rev-0 to 2 |
| | | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Agra (PG) will lead to overloading of the second ICT | Rev - 3 to 6 |
| | | Frequent tripping of HVDC Champa - Kurukshetra poles | Rev-0 to 1 |
| | | RVO operation of HVDC Champa Kurukshetra Poles | Rev-2 |
| | | Reversal of BNC-Agra pole towards BNC & blocking of APD-Agra pole due to lean hydro period in NER | Rev-2-6 |
| | Export | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Bhanpura-Modak. (n-1) contingency of 400 kV Saranath-Pusauli | Rev-0 to 6 |
| NER | Import | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa | Rev-0 to 6 |
| | | b. High loading of 220 kV Balipara-Sonabil line (200 MW) | Rev-0 to 6 |
| | 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 6 |
| SR | Import | n-1 contingency of 2x315 MVA, 400/220 kV ICTs at Mardam will lead to overloading of the second ICT | Rev-0 to 6 |
| | | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT | Rev-1 to 6 |
| | | Low Voltage at Gazuwaka (East) Bus. | Rev-0 to 6 |

**National Load Despatch Centre
Total Transfer Capability for February 2019**

| Revision No | Date of Revision | Period of Revision | Reason for Revision/Comment | Corridor Affected |
|-------------|------------------|--------------------------------|---|-------------------------------------|
| 1 | 26th Nov 2018 | Whole Month | Revised considering (a) recent commissioning of 765 kV Jharsuguda - Dharamjaygarh 3&4, 765 kV Gadawara - Warora PS D/C, 765 kV Warora PS - Parli D/C, LILO of Kurnool - Thirvualam D/C at Cuddapah, 400 kV Cuddapah-Hindupur D/C, Salem PS - Madhugiri PS S/C, 765 kV Dharamjaygarh - Champa S/C, 765 kV Champa-Raigarh S/C and 765 kV Sipat-Bilaspur ckt-3 and some other 400 kV lines | WR-SR/ER-SR/Import of SR |
| | | | Revised STOA margin due to operationalization of additional 20 MW LTA from OKWPL to UP discom | WR-NR/Import of NR |
| 2 | 4th Jan 2019 | Whole Month | Revised STOA margins due to: (i) Additional 20 MW LTA to Delhi from Ostro Kutch Wind Power Ltd (OKWPL) (ii) Operationalization of 108 MW MTOA from SKS Power Gen Ltd to Noida Power Company | WR-NR/Import of NR |
| | | | Revised TTC due to: (i) Change in load generation balance (ii) Commissioning of circuit 3 & 4 of 765 kV Angul Jharsuguda (iii) Prevailing pattern of load in downstream of 400/220 kV Maradam ICTs | ER-SR/WR-SR/Import of SR |
| 3 | 28th Jan 2019 | Whole Month | Revised TTC due to normalization of Champa Kurukshetra bipole | WR-NR/Import of NR |
| | | | Change in pattern of inter-regional flow towards NR | Import of NR |
| | | | Revised STOA margin due to termination of 100 MW MTOA from LANCO Anpara power limited to TANGEDCO | WR-SR/Import of SR |
| 4 | 29th Jan 2019 | Whole Month | Revised TTC Due to recent changes in network of NER (Upgradation of 132 kV Silchar - Imphal D/C to 400 kV Level, commissioning of 132 kV Silchar- Melriat D/C ,2*315 MVA, 400/132 kV ICTs at Imphal(PG)) and changes in load - generation balance in NER | ER-NER/NER-ER/Import /Export of NER |
| | | 01st Feb 2019 to 06th Feb 19 | Revised due to Talcher - kolar single/Bi-pole Shutdown on various dates. | ER-SR/ Import of SR |
| 5 | 1st Feb 2019 | 2nd Feb 2019 | Revised TTC due to day time Shutdown of 400 kV Bongaigaon - Azara line for testing, commissioning and jumper connection of new reactor at Bongaigaon Substation. | ER-NER/NER-ER/Import /Export of NER |
| 6 | 17th Feb 2019 | 18th Feb 2019 | Revised due to day time Shutdown of 400/220 kV ICT 2 at Misa S/s | ER-NER/NER-ER/Import /Export of NER |
| | | 19th Feb 2019 to 28th Feb 2019 | Revised due to Continuous Shutdown of 400/220 kV ICT 1 at Misa S/s | ER-NER/NER-ER/Import /Export of NER |

| ASSUMPTIONS IN BASECASE | | | | | |
|-------------------------|----------------------------|----------------|--------------------|---------------------|---------------|
| | | | | Month : February'19 | |
| 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 | 7631 | 5772 | 3251 | 3146 |
| 2 | Haryana | 7632 | 5724 | 2416 | 2391 |
| 3 | Rajasthan | 10162 | 9776 | 5870 | 5810 |
| 4 | Delhi | 4284 | 2411 | 541 | 535 |
| 5 | Uttar Pradesh | 13764 | 12749 | 6360 | 6225 |
| 6 | Uttarakhand | 1805 | 1059 | 722 | 371 |
| 7 | Himachal Pradesh | 1447 | 430 | 204 | 27 |
| 8 | Jammu & Kashmir | 2034 | 1268 | 292 | 235 |
| 9 | Chandigarh | 241 | 122 | 0 | 0 |
| 10 | ISGS/IPPs | 30 | 30 | 18516 | 9378 |
| | Total NR | 49030 | 39342 | 38172 | 28120 |
| II | EASTERN REGION | | | | |
| 1 | Bihar | 3735 | 2405 | 351 | 207 |
| 2 | Jharkhand | 970 | 758 | 360 | 223 |
| 3 | Damodar Valley Corporation | 2950 | 2695 | 5233 | 4381 |
| 4 | Orissa | 3969 | 3029 | 2364 | 1707 |
| 5 | West Bengal | 6784 | 4742 | 5378 | 4065 |
| 6 | Sikkim | 104 | 102 | 0 | 0 |
| 7 | Bhutan | 207 | 199 | 643 | 643 |
| 8 | ISGS/IPPs | 1120 | 1112 | 12272 | 9164 |
| | Total ER | 19839 | 15041 | 26600 | 20390 |
| III | WESTERN REGION | | | | |
| 1 | Maharashtra | 17960 | 12988 | 12516 | 9289 |
| 2 | Gujarat | 13475 | 11417 | 8764 | 7972 |
| 3 | Madhya Pradesh | 10868 | 6191 | 5106 | 4336 |
| 4 | Chattisgarh | 3606 | 2644 | 2248 | 1867 |
| 5 | Daman and Diu | 324 | 287 | 0 | 0 |
| 6 | Dadra and Nagar Haveli | 793 | 707 | 0 | 0 |
| 7 | Goa-WR | 522 | 327 | 0 | 0 |
| 8 | ISGS/IPPs | 4337 | 3466 | 37969 | 26997 |
| | Total WR | 51885 | 38026 | 66603 | 50461 |

| 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 | 8132 | 7088 | 6103 | 4712 |
| 2 | Telangana | 9743 | 8088 | 4823 | 4423 |
| 3 | Karnataka | 10431 | 7051 | 7633 | 5219 |
| 4 | Tamil Nadu | 14513 | 10993 | 6958 | 5513 |
| 5 | Kerala | 3871 | 2460 | 1678 | 402 |
| 6 | Pondy | 329 | 347 | 0 | 0 |
| 7 | Goa-SR | 74 | 78 | 0 | 0 |
| 8 | ISGS/PPs | 0 | 0 | 14302 | 12230 |
| | Total SR | 47093 | 36106 | 41497 | 32500 |
| V | NORTH-EASTERN REGION | | | | |
| 1 | Arunachal Pradesh | 133 | 76 | 0 | 0 |
| 2 | Assam | 1233 | 1073 | 185 | 142 |
| 3 | Manipur | 162 | 100 | 0 | 0 |
| 4 | Meghalaya | 301 | 215 | 197 | 96 |
| 5 | Mizoram | 90 | 67 | 8 | 8 |
| 6 | Nagaland | 115 | 74 | 12 | 12 |
| 7 | Tripura | 198 | 193 | 72 | 74 |
| 8 | ISGS/PPs | 116 | 116 | 1902 | 1449 |
| | Total NER | 2348 | 1913 | 2376 | 1781 |
| | Total All India | 170195 | 130428 | 175247 | 133253 |