

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

Issue Date: 28th March 2018

Issue Time: 1115 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 March 2018 to 31st March 2018 | 00-06 | 2500 | 500 | 2000 | 55 | 1945 | | |
| | | 06-18 | | | | 65 | 1935 | | |
| | | 18-24 | | | | 55 | 1945 | | |
| WR-NR* | 1st March 2018 to 14th March 2018 | 00-24 | 8550 | 500 | 8050 | 9284 | 0 | | |
| | 15th March 2018 | 0000-0630 | 8550 | 500 | 8050 | 9284 | 0 | | |
| | | 0630-2400 | 7550 | 500 | 7050 | 9284 | 0 | | |
| | 16th March 2018 to 17th March 2018 | 00-24 | 7550 | 500 | 7050 | 9284 | 0 | | |
| | 18th March 2018 to 28th March 2018 | 00-24 | 8550 | 500 | 8050 | 9284 | 0 | | |
| | 29th March 2018 | 00-08 | 8550 | 500 | 8050 | 9284 | 0 | | |
| | | 08-24' | 7300 | 500 | 6800 | 9284 | 0 | -1250 | Revised due to shutdown of HVDC Champa-Kurukshetra Pole-2 |
| 30th March 2018 | 00-07' | 8550 | 500 | 8050 | 9284 | 0 | | -2500 Revised due to shutdown of HVDC Champa-Kurukshetra BiPole | |
| | 07-24' | 6050 | 500 | 5550 | 9284 | 0 | | | |
| 31st March 2018 | 00-24 | 6050 | 500 | 5550 | 9284 | 0 | | | |
| NR-ER* | 1st March 2018 to 31st March 2018 | 00-06 | 2000 | 200 | 1800 | 193 | 1607 | | |
| | | 06-18 | 2000 | | 1800 | 303 | 1497 | | |
| | | 18-24 | 2000 | | 1800 | 193 | 1607 | | |
| ER-NR* | 1st March 2018 to 31st March 2018 | 00-24 | 4500 | 300 | 4200 | 3039 | 1161 | | |
| W3-ER | 1st March 2018 to 31st March 2018 | 00-24 | No limit is being specified. | | | | | | |
| ER-W3 | 1st March 2018 to 31st March 2018 | 00-24 | No limit is being specified. | | | | | | |
| WR-SR | 1st March 2018 | 00-05 | 5700 | 500 | 5200 | 4165 | 1035 | | |
| | | 05-22 | 5700 | | 5200 | | 1035 | | |
| | | 22-24 | 5700 | | 5200 | | 1035 | | |
| | 2nd March 2018 to 5th March 2018 | 00-05 | 5700 | 500 | 5200 | 4215 | 985 | | |
| | | 05-22 | 5700 | | 5200 | | 985 | | |
| | | 22-24 | 5700 | | 5200 | | 985 | | |
| | 6th March 2018 to 19th March 2018 | 00-05 | 5700 | 500 | 5200 | 3965 | 1235 | | |
| | | 05-22 | 5700 | | 5200 | | 1235 | | |
| | | 22-24 | 5700 | | 5200 | | 1235 | | |
| 20th March 2018 to 31st March 2018 | 00-05 | 5150 | 500 | 4650 | 3965 | 685 | | | |
| | 05-22 | 5150 | | 4650 | | 685 | | | |
| | 22-24 | 5150 | | 4650 | | 685 | | | |
| SR-WR * | 1st March 2018 to 31st March 2018 | 00-24 | No limit is being Specified. | | | | | | |
| ER-SR | 1st March 2018 to 19th March 2018 | 00-06 | 3800 | 250 | 3550 | 2762 | 788 | | |
| | | 06-18' | | | | 2847 | 703 | | |
| | | 18-24 | | | | 2762 | 788 | | |
| | 20th March 2018 to 22nd March 2018 | 00-06 | 4350 | 250 | 4100 | 2762 | 1338 | | |
| | | 06-18' | | | | 2847 | 1253 | | |
| | | 18-24 | | | | 2762 | 1338 | | |

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

Issue Date: 28th March 2018

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Revision No. 12

| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) # | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments | |
|------------------------------------|------------------------------------|-----------------------------------|---------------------------------|---|-------------------------------------|--|--|-------------------------------------|----------|--|
| | 23rd March 2018 to 31st March 2018 | 00-06 | 4350 | 250 | 4100 | 2762 | 1338 | | | |
| | | 06-18' | | | | 2847 | 1253 | | | |
| | | 18-24 | | | | 2762 | 1338 | | | |
| SR-ER * | 1st March 2018 to 31st March 2018 | 00-24 | No limit is being Specified. | | | | | | | |
| ER-NER | 1st March 2018 to 4th March 2018 | 00-17 | 1370 | 45 | 1325 | 225 | 1100 | | | |
| | | 17-23 | 1310 | | 1265 | | 1040 | | | |
| | | 23-24 | 1370 | | 1325 | | 1100 | | | |
| | 5th March 2018 to 6th March 2018 | 00-10 | 1370 | 45 | 1325 | 225 | 1100 | | | |
| | | 10-17 | 1070 | | 1025 | | 800 | | | |
| | | 17-23 | 980 | | 935 | | 710 | | | |
| | 7th March 2018 to 18th March 2018 | 23-24 | 1070 | 45 | 1025 | 225 | 800 | | | |
| | | 00-17 | 1370 | | 1325 | | 1100 | | | |
| | | 17-23 | 1310 | | 1265 | | 1040 | | | |
| | 19th March 2018 to 20th March 2018 | 23-24 | 1370 | 45 | 1325 | 225 | 1100 | | | |
| | | 00-08 | 1370 | | 1325 | | 1100 | | | |
| | | 08-17 | 1070 | | 1025 | | 800 | | | |
| | | 17-23 | 980 | | 935 | | 710 | | | |
| | 21st March 2018 to 31st March 2018 | 23-24 | 1070 | 45 | 1025 | 225 | 800 | | | |
| | | 00-17 | 1370 | | 1325 | | 1100 | | | |
| | | 17-23 | 1310 | | 1265 | | 1040 | | | |
| | NER-ER | 1st March 2018 to 4th March 2018 | 23-24 | 1370 | 45 | 1325 | 0 | 1100 | | |
| | | | 00-17 | 1460 | | 1415 | | 1415 | | |
| | | | 17-23 | 1420 | | 1375 | | 1375 | | |
| | | 5th March 2018 to 6th March 2018 | 23-24 | 1460 | 45 | 1415 | 0 | 1415 | | |
| | | | 00-10 | 1460 | | 1415 | | 1415 | | |
| | | | 10-17 | 1230 | | 1185 | | 1185 | | |
| | | 7th March 2018 to 18th March 2018 | 17-23 | 1280 | 45 | 1235 | 0 | 1235 | | |
| | | | 23-24 | 1230 | | 1185 | | 1185 | | |
| 00-17 | | | 1460 | 1415 | | 1415 | | | | |
| 19th March 2018 to 20th March 2018 | | 17-23 | 1420 | 45 | 1375 | 0 | 1375 | | | |
| | | 23-24 | 1460 | | 1415 | | 1415 | | | |
| | | 00-08 | 1460 | | 1415 | | 1415 | | | |
| | | 08-17 | 1230 | | 1185 | | 1185 | | | |
| 21st March 2018 to 31st March 2018 | | 17-23 | 1280 | 45 | 1235 | 0 | 1235 | | | |
| | | 23-24 | 1230 | | 1185 | | 1185 | | | |
| | | 00-17 | 1460 | | 1415 | | 1415 | | | |
| 1st March 2018 to 31st March 2018 | | 17-23 | 1420 | 45 | 1375 | 0 | 1375 | | | |
| | | 23-24 | 1460 | | 1415 | | 1415 | | | |
| | | 00-17 | 1460 | | 1415 | | 1415 | | | |
| W3 zone Injection | | 1st March 2018 to 31st March 2018 | 00-24 | No limit is being specified (In case of any constraints appearing in the system, W3 zone export would be revised accordingly) | | | | | | |

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

Issue Date: 28th March 2018

Issue Time: 1000 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 |
|----------|------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
|----------|------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|

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).

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 March 2018 to 14th March 2018 | 00-05 | 12200 | 800 | 11400 | 12323 | 0 | | |
| | | 05-08 | 12200 | | 11400 | | 0 | | |
| | | 08-18 | 12200 | | 11400 | | 0 | | |
| | | 18-23 | 11000 | | 10200 | | 0 | | |
| | | 23-24 | 12200 | | 11400 | | 0 | | |
| | 15th March 2018 | 00-05 | 12200 | 800 | 11400 | 12323 | 0 | | |
| | | 05-630 | 12200 | | 11400 | | 0 | | |
| | | 630-08 | 10800 | | 10000 | | 0 | | |
| | | 08-18 | 10800 | | 10000 | | 0 | | |
| | | 18-23 | 9700 | | 8900 | | 0 | | |
| | 16th March 2018 to 17th March 2018 | 23-24 | 10800 | 800 | 10000 | 12323 | 0 | | |
| | | 00-05 | 10800 | | 10000 | | 0 | | |
| | | 05-08 | 10800 | | 10000 | | 0 | | |
| | | 08-18 | 10800 | | 10000 | | 0 | | |
| | | 18-23 | 9700 | | 8900 | | 0 | | |
| | 18th March 2018 to 28th March 2018 | 23-24 | 10800 | 800 | 10000 | 12323 | 0 | | |
| | | 00-05 | 12200 | | 11400 | | 0 | | |
| | | 05-08 | 12200 | | 11400 | | 0 | | |
| | | 08-18 | 12200 | | 11400 | | 0 | | |
| | | 18-23 | 11000 | | 10200 | | 0 | | |
| | 29th March 2018 | 23-24 | 12200 | 800 | 11400 | 12323 | 0 | | |
| | | 00-05 | 12200 | | 11400 | | 0 | | |
| | | 05-08 | 12200 | | 11400 | | 0 | | |
| | | 08-18 | 10400 | | 9600 | | 0 | -1800 | |
| | | 18-23 | 9350 | | 8550 | | 0 | -1650 | |
| | 30th March 2018 | 23-24 | 10400 | 800 | 9600 | 12323 | 0 | | Revised due to shutdown of HVDC Champa-Kurukshetra Pole-2 |
| | | 00-05 | 12200 | | 11400 | | 0 | | |
| | | 05-07 | 12200 | | 11400 | | 0 | | |
| | | 07-18 | 8650 | | 7850 | | 0 | -3550 | |
| | | 18-23 | 7750 | | 6950 | | 0 | -3250 | |
| | 31st March 2018 | 23-24 | 8650 | 800 | 7850 | 12323 | 0 | | Revised due to shutdown of HVDC Champa-Kurukshetra BiPole |
| | | 00-05 | 8650 | | 7850 | | 0 | -3550 | |
| | | 05-08 | 8650 | | 7850 | | 0 | -3550 | |
| | | 08-18 | 8650 | | 7850 | | 0 | -3550 | |
| | | 18-23 | 7750 | | 6950 | | 0 | -3250 | |
| | NER | 1st March 2018 to 4th March 2018 | 23-24 | 1370 | 45 | 1325 | 225 | 1100 | |
| 00-17 | | | 1370 | 1325 | | 1040 | | | |
| 17-23 | | | 1310 | 1265 | | 1100 | | | |
| 5th March 2018 to 6th March 2018 | | 00-10 | 1370 | 45 | 1325 | 225 | 1100 | | |
| | | 10-17 | 1070 | | 1025 | | 800 | | |
| | | 17-23 | 980 | | 935 | | 710 | | |
| | | 23-24 | 1070 | | 1025 | | 800 | | |
| 7th March 2018 to 18th March 2018 | | 00-17 | 1370 | 45 | 1325 | 225 | 1100 | | |
| | | 17-23 | 1310 | | 1265 | | 1040 | | |
| | | 23-24 | 1370 | | 1325 | | 1100 | | |

| | | | | | | | | | |
|-----|------------------------------------|-------|------|-----|------|------|------|--|--|
| NER | 19th March 2018 to 20th March 2018 | 00-08 | 1370 | 45 | 1325 | 225 | 1100 | | |
| | | 08-17 | 1070 | | 1025 | | 800 | | |
| | | 17-23 | 980 | | 935 | | 710 | | |
| | | 23-24 | 1070 | | 1025 | | 800 | | |
| | 21st March 2018 to 31st March 2018 | 00-17 | 1370 | 45 | 1325 | 225 | 1100 | | |
| | | 17-23 | 1310 | | 1265 | | 1040 | | |
| | | 23-24 | 1370 | | 1325 | | 1100 | | |
| | | | | | | | | | |
| WR | | | | | | | | | |
| | | | | | | | | | |
| SR | 1st March 2018 | 00-05 | 9500 | 750 | 8750 | 6926 | 1824 | | |
| | | 05-06 | 9500 | | 8750 | 6926 | 1824 | | |
| | | 06-18 | 9500 | | 8750 | 7011 | 1739 | | |
| | | 18-22 | 9500 | | 8750 | 6926 | 1824 | | |
| | | 22-24 | 9500 | | 8750 | 6926 | 1824 | | |
| | 2nd March 2018 to 5th March 2018 | 00-05 | 9500 | 750 | 8750 | 6976 | 1774 | | |
| | | 05-06 | 9500 | | 8750 | 6976 | 1774 | | |
| | | 06-18 | 9500 | | 8750 | 7061 | 1689 | | |
| | | 18-22 | 9500 | | 8750 | 6976 | 1774 | | |
| | | 22-24 | 9500 | | 8750 | 6976 | 1774 | | |
| | 6th March 2018 to 22nd March 2018 | 00-05 | 9500 | 750 | 8750 | 6726 | 2024 | | |
| | | 05-06 | 9500 | | 8750 | 6726 | 2024 | | |
| | | 06-18 | 9500 | | 8750 | 6811 | 1939 | | |
| | | 18-22 | 9500 | | 8750 | 6726 | 2024 | | |
| | | 22-24 | 9500 | | 8750 | 6726 | 2024 | | |
| | 23rd March 2018 to 31st March 2018 | 00-05 | 9500 | 750 | 8750 | 6726 | 2024 | | |
| | | 05-06 | 9500 | | 8750 | 6726 | 2024 | | |
| | | 06-18 | 9500 | | 8750 | 6811 | 1939 | | |
| | | 18-22 | 9500 | | 8750 | 6726 | 2024 | | |
| | | 22-24 | 9500 | | 8750 | 6726 | 2024 | | |

* 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).

* 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 March 2018 to 31st March 2018 | 00-06 | 4500 | 700 | 3800 | 248 | 3552 | | |
| | | 06-18 | | | 3800 | 368 | 3432 | | |
| | | 18-24 | | | 3800 | 248 | 3552 | | |
| NER | 1st March 2018 to 4th March 2018 | 00-17 | 1460 | 45 | 1415 | 0 | 1415 | | |
| | | 17-23 | 1420 | | 1375 | | 1375 | | |
| | | 23-24 | 1460 | | 1415 | | 1415 | | |
| | 5th March 2018 to 6th March 2018 | 00-10 | 1460 | 45 | 1415 | 0 | 1415 | | |
| | | 10-17 | 1230 | | 1185 | | 1185 | | |
| | | 17-23 | 1280 | | 1235 | | 1235 | | |
| | | 23-24 | 1230 | | 1185 | | 1185 | | |
| | 7th March 2018 to 18th March 2018 | 00-17 | 1460 | 45 | 1415 | 0 | 1415 | | |
| | | 17-23 | 1420 | | 1375 | | 1375 | | |
| | | 23-24 | 1460 | | 1415 | | 1415 | | |
| | 19th March 2018 to 20th March 2018 | 00-08 | 1460 | 45 | 1415 | 0 | 1415 | | |
| | | 08-17 | 1230 | | 1185 | | 1185 | | |
| | | 17-23 | 1280 | | 1235 | | 1235 | | |
| | | 23-24 | 1230 | | 1185 | | 1185 | | |
| | 21st March 2018 to 31st March 2018 | 00-17 | 1460 | 45 | 1415 | 0 | 1415 | | |
| | | 17-23 | 1420 | | 1375 | | 1375 | | |
| | | 23-24 | 1460 | | 1415 | | 1415 | | |
| | WR | | | | | | | | |
| | | | | | | | | | |
| SR * | 1st March 2018 to 31st March 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 | All |
| WR-NR | 1. (n-1) Contingency of 765kV Gwalior-Agra one ckt leads to 2750 MW loading on second circuit. | All |
| | 2.High Loading of 400kV Singrauli-Anpara S/C. | |
| | 3. High loading of 400 kV Bhachau-Versana D/C line | Rev-5 to11 |
| | 4. (n-1) contingency of 765/400kv ICT at Agra will lead to more than 1500MW on other ICT at Agra | Rev-9 |
| NR-ER | (n-1) contingency of 400 kV Saranath-Pusauli | All |
| ER-NR | (n-1) contingencies of N.Ranchi - Chandawa S/c & (n-1) contingencies of 400kV MPL- Maithon S/c | All |
| 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) | Rev-0 to 10 |
| | 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) | |
| | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT | Rev-11 |
| | Low Voltage at Gazuwaka (East) Bus. | All |
| 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) | All |
| NER-ER | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of 220 kV Samaguri - Sonabil line (200 MW) | Rev- 1 to 9 |
| | (n-1) contingency of 400/220 kV, 1x315 MVA ICT-II at Misa results in (a) high loading of 220 kV Balipara - Sonabil line [Peak], (b) high loading of 220 kV Misa - Samaguri D/C lines [OffPeak] | Rev-10 |
| W3 zone Injection | --- | All |

Limiting Constraints (Simultaneous)

| | | Applicable Revisions | |
|--------|--|--|-------------|
| NR | Import | (n-1) contingencies of N.Ranchi - Chandawa S/c & (n-1) contingencies of 400kV MPL- Maithon S/c. | All |
| | | 1. (n-1) Contingency of 765kV Gwalior-Agra one ckt leads to 2750 MW loading on second circuit. | |
| | | 2.High Loading of 400kV Singrauli-Anpara S/C. | |
| | | 3. High loading of 400 kV Bhachau-Versana D/C line | Rev-5 to 11 |
| | 4. (n-1) contingency of 765/400kv ICT at Agra will lead to more than 1500MW on other ICT at Agra | 9 | |
| Export | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. | All | |
| | (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) | All |
| | Export | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of 220 kV Samaguri - Sonabil line | Rev- 1 to 9 |
| | | (n-1) contingency of 400/220 kV, 1x315 MVA ICT-II at Misa results in (a) high loading of 220 kV Balipara - Sonabil line [Peak], (b) high loading of 220 kV Misa - Samaguri D/C lines [OffPeak] | Rev-10 |
| 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) | Rev-0-10 |
| | | 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) | |
| | | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT | Rev-11 |
| | | Low Voltage at Gazuwaka (East) Bus. | All |

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

| Revision No | Date of Revision | Period of Revision | Reason for Revision | Corridor Affected |
|-------------|-------------------|---------------------------|---|--------------------------|
| 1 | 7th December 2017 | Whole Month | Revised STOA due to MTOA (9.46 MW) of JITPL to Northern Railways Delhi | ER-NR/Import of NR |
| 2 | 3rd Jan 2018 | Whole Month | Revised STOA margin due to allocation of NTPC WR plants to Andhra Pradesh and resumption of allocation to SW-Railways from RGPPL | WR-SR/Import of SR |
| 3 | 22nd Jan 2018 | Whole month | Revised STOA margin due to (i) allocation of 125 MW and 200 MW power from NTPC WR to Telangana & Karnataka respectively and (ii) 50 MW of power from NTPC ER to Telangana | WR-SR/ER-SR/Import of SR |
| 4 | 3rd Feb 2018 | Whole month | Revised STOA margins due to change in Talcher Stg-II DC | ER-SR/Import of SR |
| 5 | 26th Feb 2018 | Whole month | Revised due to restriction in MundraMahindragarh power order because of low generation at APL Mundra | WR-NR/Import of NR |
| | | Whole month | Revised STOA margin due to (a) 50 MW allocation to Karnataka from NTPC WR plants (b) 5 MW allocation to Telangana from NTPC WR plants | WR-SR/Import of SR |
| | | 1st March to 22nd March | Revised STOA margin on basis of inter-regional LTA utilisation/allocation | ER-SR/Import of SR |
| 6 | 28th Feb 2018 | 1st March | Revised STOA margins due to (i) 50 MW allocation to Telangana from NTPC WR plants | WR-SR/Import of SR |
| | | 2nd March to 31st March | Revised STOA margins due to (i) 50 MW allocation to Telangana from NTPC WR plants and (ii) 50 MW allocation to Karnataka from NTPC WR plants | |
| 7 | 04th Mar 2018 | 5th Mar to 6th Mar 2018 | Revised due to shutdown of 400/220 kV 315 MVA ICT#1 at Misa Ss | ER-NER/NER-ER |
| 8 | 05th Mar 2018 | 6th Mar to 31st Mar 2018 | Revised STOA margin due to non-scheduling of 250 MW LTA from KMPCL to TANGEDCO (based on undertaking of KMPCL) | WR-SR/Import of SR |
| 9 | 14th Mar 2018 | 15th Mar to 17th Mar 2018 | Revised due to shutdown of 765kV Agra-Gr. Noida Line (one ICT at Phagi is already under forced outage). | WR-NR/Import of NR |
| 10 | 18th Mar 2018 | 19th Mar to 20th Mar 2018 | Revised due to shutdown of 400/220 kV, 315 MVA Misa ICT-I for bushing erection works | NER-ER / ER-NR |

| | | | | |
|----|---------------|--------------------------------|---|--------------------|
| 11 | 19th Mar 2018 | 20th Mar to 31st Mar 2018 | <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 |
| | | 23rd Mar to 31st Mar 2018 | Revised STOA margin on basis of inter-regional LTA utilisation/allocation | ER-SR/Import of SR |
| 12 | 18th Mar 2018 | 29th Mar 2018 | Revised due to shutdown of HVDC Champa-Kurukshetra Pole-2 | WR-NR/Import of NR |
| | | 30th Mar 2018 to 31st Mar 2018 | Revised due to shutdown of HVDC Champa-Kurukshetra BiPole | |

| ASSUMPTIONS IN BASECASE | | | | | |
|-------------------------|----------------------------|----------------|--------------------|------------------|---------------|
| | | | | Month : March'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 | 7186 | 4990 | 2745 | 2813 |
| 2 | Haryana | 6952 | 4672 | 1422 | 1422 |
| 3 | Rajasthan | 9419 | 9770 | 5155 | 5114 |
| 4 | Delhi | 4024 | 2446 | 664 | 664 |
| 5 | Uttar Pradesh | 14272 | 14173 | 7165 | 7079 |
| 6 | Uttarakhand | 1744 | 1296 | 653 | 552 |
| 7 | Himachal Pradesh | 1458 | 570 | 81 | 37 |
| 8 | Jammu & Kashmir | 2273 | 1624 | 553 | 389 |
| 9 | Chandigarh | 232 | 124 | 0 | 0 |
| 10 | ISGS/IPPs | 25 | 25 | 19234 | 11503 |
| | Total NR | 47586 | 39691 | 37673 | 29574 |
| II | EASTERN REGION | | | | |
| 1 | Bihar | 4230 | 2466 | 285 | 288 |
| 2 | Jharkhand | 1105 | 828 | 271 | 268 |
| 3 | Damodar Valley Corporation | 2905 | 2541 | 4866 | 3959 |
| 4 | Orissa | 3847 | 2922 | 3131 | 2322 |
| 5 | West Bengal | 6930 | 4968 | 5220 | 3618 |
| 6 | Sikkim | 84 | 48 | 0 | 0 |
| 7 | Bhutan | 209 | 219 | 424 | 290 |
| 8 | ISGS/IPPs | 268 | 259 | 11868 | 8503 |
| | Total ER | 19576 | 14251 | 26064 | 19248 |
| III | WESTERN REGION | | | | |
| 1 | Maharashtra | 19088 | 15285 | 12588 | 10688 |
| 2 | Gujarat | 14117 | 11798 | 9142 | 8468 |
| 3 | Madhya Pradesh | 9214 | 6421 | 4157 | 3406 |
| 4 | Chattisgarh | 4186 | 3206 | 2727 | 2148 |
| 5 | Daman and Diu | 330 | 287 | 0 | 0 |
| 6 | Dadra and Nagar Haveli | 715 | 688 | 0 | 0 |
| 7 | Goa-WR | 590 | 347 | 0 | 0 |
| 8 | ISGS/IPPs | 3899 | 3487 | 37780 | 31971 |
| | Total WR | 52139 | 41519 | 66394 | 56682 |

| 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 | 8498 | 6093 | 6374 | 4557 |
| 2 | Telangana | 9517 | 7745 | 5247 | 3940 |
| 3 | Karnataka | 10027 | 8135 | 6395 | 4394 |
| 4 | Tamil Nadu | 14819 | 13215 | 7450 | 5600 |
| 5 | Kerala | 4055 | 2500 | 1614 | 194 |
| 6 | Pondy | 372 | 376 | 0 | 0 |
| 7 | Goa-SR | 84 | 85 | 0 | 0 |
| 8 | ISGS/IPPs | 0 | 0 | 15618 | 13858 |
| | Total SR | 47372 | 38149 | 42697 | 32543 |
| V | NORTH-EASTERN REGION | | | | |
| 1 | Arunachal Pradesh | 116 | 61 | 0 | 0 |
| 2 | Assam | 1115 | 921 | 234 | 123 |
| 3 | Manipur | 151 | 87 | 0 | 0 |
| 4 | Meghalaya | 250 | 184 | 84 | 34 |
| 5 | Mizoram | 93 | 69 | 8 | 8 |
| 6 | Nagaland | 101 | 79 | 12 | 12 |
| 7 | Tripura | 183 | 125 | 72 | 78 |
| 8 | ISGS/IPPs | 158 | 100 | 1756 | 1495 |
| | Total NER | 2167 | 1626 | 2166 | 1750 |
| | Total All India | 169216 | 135629 | 175472 | 140126 |