

**National Load Despatch Centre
Total Transfer Capability for March 2017**

Issue Date: 27th March 2017

Issue Time: 1300 hrs

Revision No. 14

| 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 Mar 2017 to 31st Mar 2017 | 00-06 | 2500 | 500 | 2000 | 55 | 1945 | | |
| | | 06-18 | | | | 65 | 1935 | | |
| | | 18-24 | | | | 55 | 1945 | | |
| WR-NR* | 1st Mar 2017 to 2nd Mar 2017 | 00-24 | 6950 | 500 | 6450 | 6850 | 0 | | |
| | 3rd Mar 2017 to 8th Mar 2017 | 00-24 | 7550 | 500 | 7050 | 6850 | 200 | | |
| | | 00-08 | 7550 | 500 | 7050 | 6850 | 200 | | |
| | 9th Mar 2017 | 08-24' | 7050 | 500 | 6550 | 6850 | 0 | | |
| | | 00-24 | 7550 | 500 | 7050 | 6850 | 200 | | |
| | 21st Mar 2017 | 00-08 | 7550 | 500 | 7050 | 6850 | 200 | | |
| | | 08-24' | 7050 | 500 | 6550 | 6850 | 0 | | |
| | 22nd Mar 2017 | 00-08 | 7550 | 500 | 7050 | 6850 | 200 | | |
| | | 08-24' | 7050 | 500 | 6550 | 6850 | 0 | | |
| | 23rd Mar 2017 to 24th Mar 2017 | 00-24 | 7550 | 500 | 7050 | 6850 | 200 | | |
| 25th Mar 2017 to 27th Mar 2017 | 00-24 | 8550 | 500 | 8050 | 8500 | 0 | | | |
| 28th Mar 2017 to 31st Mar 2017 | 00-24 | 8550 | 500 | 8050 | 7951 | 99 | | Revised STOA Margin considering change in LTA/MTOA approved by CTU | |
| NR-ER* | 1st Mar 2017 to 31st Mar 2017 | 00-06 | 2000 | 200 | 1800 | 193 | 1607 | | |
| | | 06-18' | 2000 | | 1800 | 303 | 1497 | | |
| | | 18-24 | 2000 | | 1800 | 193 | 1607 | | |
| ER-NR* | 1st Mar 2017 to 31st Mar 2017 | 00-24 | 4000 | 300 | 3700 | 2931 | 769 | | |
| W3-ER | 1st Mar 2017 to 31st Mar 2017 | 00-24 | No limit is being specified. | | | | | | |
| ER-W3 | 1st Mar 2017 to 31st Mar 2017 | 00-24 | No limit is being specified. | | | | | | |
| WR-SR | 1st Mar 2017 to 07th Mar 2017 | 00-05 | 3800 | 500 | 3300 | 2900 | 400 | | |
| | | 05-22 | 3400 | | 2900 | | 0 | | |
| | | 22-24 | 3800 | | 3300 | | 400 | | |
| | 08th March 2017 | 00-05 | 3800 | 500 | 3300 | 2900 | 400 | | |
| | | 0500-1815 | 3400 | | 2900 | | 0 | | |
| | | 1815-2200 | 3150 | | 2650 | | 0 | | |
| | 09th Mar 2017 | 22-24 | 3550 | 500 | 3050 | 2900 | 150 | | |
| | | 00-05 | 3550 | | 3050 | | 150 | | |
| | | 05-22 | 3150 | | 2650 | | 0 | | |
| | 10th Mar 2017 to 15th Mar 2017 | 22-24 | 3550 | 500 | 3050 | 2900 | 150 | | |
| | | 00-05 | 3800 | | 3300 | | 400 | | |
| | | 05-22 | 3400 | | 2900 | | 0 | | |
| | 16th Mar 2017 | 22-24 | 3800 | 500 | 3300 | 2900 | 400 | | |
| | | 00-05 | 3800 | | 3300 | | 0 | | |
| | | 05-22 | 2600 | | 2100 | | 0 | | |
| | 17th Mar 2017 | 22-24 | 3000 | 500 | 2500 | 2900 | 0 | | |
| | | 00-05 | 3000 | | 2500 | | 0 | | |
| | | 05-22 | 2600 | | 2100 | | 0 | | |
| | | 22-24 | 3000 | | 2500 | 0 | | | |

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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 | | |
|--------------------------------|--------------------------------|-------------------------------|---------------------------------|------------------------------|-------------------------------------|--|--|-------------------------------------|----------|--|--|
| | 18th Mar 2017 | 00-05 | 3800 | 500 | 3300 | 2900 | 400 | | | | |
| | | 05-07 | 3400 | | 2900 | | 0 | | | | |
| | | 07-22 | 2900 | | 2400 | | 0 | | | | |
| | | 22-24 | 3300 | | 2800 | | 0 | | | | |
| | 19th Mar 2017 to 20th Mar 2017 | 00-05 | 3300 | 500 | 2800 | 2900 | 0 | | | | |
| | | 05-22 | 2900 | | 2400 | | 0 | | | | |
| | | 22-24 | 3300 | | 2800 | | 0 | | | | |
| | 21st Mar 2017 to 31st Mar 2017 | 00-05 | 3800 | 500 | 3300 | 2900 | 400 | | | | |
| | | 05-22 | 3400 | | 2900 | | 0 | | | | |
| | | 22-24 | 3800 | | 3300 | | 400 | | | | |
| | SR-WR * | 1st Mar 2017 to 31st Mar 2017 | 00-24 | No limit is being Specified. | | | | | | | |
| | ER-SR | 1st Mar 2017 to 5th Mar 2017 | 00-06 | 3450 | 250 | 3200 | 3232 | 0 | | | |
| 06-18' | | | 3317 | | | | 0 | | | | |
| 18-24 | | | 3232 | | | | 0 | | | | |
| 6th Mar 2017 | | 00-05 | 3450 | 250 | 3200 | 3232 | 0 | | | | |
| | | 05-06 | 1450 | | 1200 | 3232 | 0 | | | | |
| | | 06-18' | 1450 | | 1200 | 3317 | 0 | | | | |
| | | 18-22 | 1450 | | 1200 | 3232 | 0 | | | | |
| | | 22-24 | 2450 | | 2200 | 3232 | 0 | | | | |
| 7th Mar 2017 to 11th Mar 2017 | | 00-05 | 2450 | 250 | 2200 | 3232 | 0 | | | | |
| | | 05-06 | 1450 | | 1200 | 3232 | 0 | | | | |
| | | 06-18' | 1450 | | 1200 | 3317 | 0 | | | | |
| | | 18-22 | 1450 | | 1200 | 3232 | 0 | | | | |
| | | 22-24 | 2450 | | 2200 | 3232 | 0 | | | | |
| 12th Mar 2017 to 31st Mar 2017 | | 00-06 | 3450 | 250 | 3200 | 3232 | 0 | | | | |
| | | 06-18' | | | | 3317 | 0 | | | | |
| | | 18-24 | | | | 3232 | 0 | | | | |
| SR-ER * | | 1st Mar 2017 to 31st Mar 2017 | 00-24 | No limit is being Specified. | | | | | | | |
| ER-NER | | 1st Mar 2017 to 5th Mar 2017 | 00-17 | 1250 | 45 | 1205 | 225 | 980 | | | |
| | | | 17-23 | 1105 | | 1060 | | 835 | | | |
| | | | 23-24 | 1250 | | 1205 | | 980 | | | |
| | | 6th Mar 2017 | 00-08 | 1250 | 45 | 1205 | 225 | 980 | | | |
| | 08-17 | | 1030 | 985 | | 760 | | | | | |
| | 17-23 | | 1105 | 1060 | | 835 | | | | | |
| | 23-24 | | 1250 | 1205 | | 980 | | | | | |
| | 7th Mar 2017 | 00-08 | 1050 | 45 | 1005 | 225 | 780 | | | | |
| | | 08-17 | 1030 | | 985 | | 760 | | | | |
| | | 17-23 | 905 | | 860 | | 635 | | | | |
| | | 23-24 | 1050 | | 1005 | | 780 | | | | |
| | 8th Mar 2017 to 12th Mar 2017 | 00-17 | 1050 | 45 | 1005 | 225 | 780 | | | | |
| | | 17-23 | 905 | | 860 | | 635 | | | | |
| | | 23-24 | 1050 | | 1005 | | 780 | | | | |
| | 13th Mar 2017 to 14th Mar 2017 | 00-17 | 1050 | 45 | 1005 | 225 | 780 | | | | |
| | | 17-23 | 905 | | 860 | | 635 | | | | |
| | | 23-24 | 1050 | 1005 | 780 | | | | | | |
| | 15th Mar 2017 to 16th Mar 2017 | 00-17 | 1050 | 45 | 1005 | 225 | 780 | | | | |
| | | 17-23 | 905 | | 860 | | 635 | | | | |
| | | 23-24 | 1050 | | 1005 | | 780 | | | | |
| | 17th Mar 2017 to 31st Mar 2017 | 00-17 | 1250 | 45 | 1205 | 225 | 980 | | | | |
| | | 17-23 | 1105 | | 1060 | | 835 | | | | |
| | | 23-24 | 1250 | | 1205 | | 980 | | | | |

**National Load Despatch Centre
Total Transfer Capability for March 2017**

Issue Date: 27th March 2017

Issue Time: 1300 hrs

Revision No. 14

| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) # | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments |
|----------|--------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| NER-ER | 1st Mar 2017 to 5th Mar 2017 | 00-17 | 1135 | 45 | 1090 | 0 | 1090 | | |
| | | 17-23 | 1210 | | 1165 | | 1165 | | |
| | | 23-24 | 1135 | | 1090 | | 1090 | | |
| | 6th Mar 2017 | 00-08 | 1135 | 45 | 1090 | 0 | 1090 | | |
| | | 08-17 | 840 | | 795 | | 795 | | |
| | | 17-23 | 1210 | | 1165 | | 1165 | | |
| | | 23-24 | 1135 | | 1090 | | 1090 | | |
| | 7th Mar 2017 | 00-08 | 935 | 45 | 890 | 0 | 890 | | |
| | | 08-17 | 840 | | 795 | | 795 | | |
| | | 17-23 | 1010 | | 965 | | 965 | | |
| | | 23-24 | 1135 | | 1090 | | 1090 | | |
| | 8th Mar 2017 to 12th Mar 2017 | 00-17 | 935 | 45 | 890 | 0 | 890 | | |
| | | 17-23 | 1010 | | 965 | | 965 | | |
| | | 23-24 | 935 | | 890 | | 890 | | |
| | 13th Mar 2017 to 14th Mar 2017 | 00-17 | 935 | 45 | 890 | 0 | 890 | | |
| | | 17-23 | 1010 | | 965 | | 965 | | |
| | | 23-24 | 935 | | 890 | | 890 | | |
| | 15th Mar 2017 to 16th Mar 2017 | 00-17 | 935 | 45 | 890 | 0 | 890 | | |
| | | 17-23 | 1010 | | 965 | | 965 | | |
| | | 23-24 | 935 | | 890 | | 890 | | |
| | 17th Mar 2017 to 31st Mar 2017 | 00-17 | 1135 | 45 | 1090 | 0 | 1090 | | |
| | | 17-23 | 1210 | | 1165 | | 1165 | | |
| | | 23-24 | 1135 | | 1090 | | 1090 | | |

| | | | | | | | | | |
|--------------------------|-------------------------------|-------|---|--|--|--|--|--|--|
| W3 zone Injection | 1st Mar 2017 to 31st Mar 2017 | 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).

1) S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala

2) W3 comprises of the following regional entities :

a) Chattisgarh Sell transaction, b) Jindal Power Limited (JPL) Stage-I & Stage-II, c) Jindal Steel and Power Limited (JSPL), d) ACBL, e) LANCO Amarkantak
f) BALCO, g) Sterlite (#1,3,4), h) NSPCL, i) Korba, j) Sipat, k) KSK Mahanadi, L)DB Power, m) KWPC, n) Vandana Vidyut o)RKM, p)GMR Raikheda, q)Ind Barath and any other regional entity generator in Chhattisgarh

The figure is based on LTA/MTOA approved by CTU and Allocation figures as per RPCs RTA/REA. In actual Operation, due to Units being on Maintenance/ Fuel shortage/New units being commissioned the LTA/MTOA utilized would vary. RLDC/NLDC would factor this situation on day-ahead basis.

In the eventuality that net schedules exceed ATC, real time curtailments might be effected by RLDCs/NLDC.

In case of TTC Revision due to any shutdown :

- 1) The TTC value will be revised to normal values after restoration of shutdown.
- 2) The TTC value will be revised to normal values if the shutdown is not being availed in real time.

Limiting Constraints

| Corridor | Constraint |
|--------------------------|--|
| NR-WR | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak |
| WR-NR | 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. |
| NR-ER | (n-1) contingency of 400 kV Saranath-Pusauli |
| ER-NR | (n-1) contingencies of N.Ranchi - Chandawa S/c & (n-1) contingencies of 400kV MPL- Maithon S/c |
| WR-SR & ER-SR | (n-1) contingency of one circuit of 765kV Aurangabad-Sholapur will lead to 874 MW loading on 400kV Vemagiri(PG)-Gazuwaka (With Opening of 400kV Vemagiri(PG)-Nunna S/C) Low Voltage at Gazuwaka (East) Bus. |
| ER-NER | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa High loading of 220 kV Balipara-Sonabil line(200 MW) b. |
| NER-ER | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other 400/220 kV, 315 MVA ICT at Misa |
| W3 zone Injection | --- |

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 Mar 2017 to 2nd Mar 2017 | 00-05 | 9950 | 800 | 9150 | 9781 | 0 | | |
| | | 05-08 | 9300 | | 8500 | | 0 | | |
| | | 08-18 | 9950 | | 9150 | | 0 | | |
| | | 18-23 | 8900 | | 8100 | | 0 | | |
| | | 23-24 | 9950 | | 9150 | | 0 | | |
| | 3rd Mar 2017 to 8th Mar 2017 | 00-05 | 10800 | 800 | 10000 | 9781 | 219 | | |
| | | 05-08 | 10100 | | 9300 | | 0 | | |
| | | 08-18 | 10800 | | 10000 | | 219 | | |
| | | 18-23 | 9700 | | 8900 | | 0 | | |
| | | 23-24 | 10800 | | 10000 | | 219 | | |
| | 9th Mar 2017 | 00-05 | 10800 | 800 | 10000 | 9781 | 219 | | |
| | | 05-08 | 10100 | | 9300 | | 0 | | |
| | | 08-18 | 10100 | | 9300 | | 0 | | |
| | | 18-23 | 9050 | | 8250 | | 0 | | |
| | | 23-24 | 10100 | | 9300 | | 0 | | |
| | 10th Mar 2017 to 20th Mar 2017 | 00-05 | 10800 | 800 | 10000 | 9781 | 219 | | |
| | | 05-08 | 10100 | | 9300 | | 0 | | |
| | | 08-18 | 10800 | | 10000 | | 219 | | |
| | | 18-23 | 9700 | | 8900 | | 0 | | |
| | | 23-24 | 10800 | | 10000 | | 219 | | |
| | 21st Mar 2017 | 00-05 | 10800 | 800 | 10000 | 9781 | 219 | | |
| | | 05-08 | 10100 | | 9300 | | 0 | | |
| | | 08-18 | 10100 | | 9300 | | 0 | | |
| | | 18-23 | 9050 | | 8250 | | 0 | | |
| | | 23-24 | 10100 | | 9300 | | 0 | | |
| | 22nd Mar 2017 | 00-05 | 10800 | 800 | 10000 | 9781 | 219 | | |
| | | 05-08 | 10100 | | 9300 | | 0 | | |
| | | 08-18 | 10100 | | 9300 | | 0 | | |
| | | 18-23 | 9050 | | 8250 | | 0 | | |
| | | 23-24 | 10100 | | 9300 | | 0 | | |
| | 23rd Mar 2017 to 24th Mar 2017 | 00-05 | 10800 | 800 | 10000 | 9781 | 219 | | |
| | | 05-08 | 10100 | | 9300 | | 0 | | |
| 08-18 | | 10800 | 10000 | | 219 | | | | |
| 18-23 | | 9700 | 8900 | | 0 | | | | |
| 23-24 | | 10800 | 10000 | | 219 | | | | |
| 25th Mar 2017 to 27th Mar 2017 | 00-05 | 12200 | 800 | 11400 | 11431 | 0 | | | |
| | 05-08 | 11400 | | 10600 | | 0 | | | |
| | 08-18 | 12200 | | 11400 | | 0 | | | |
| | 18-23 | 10950 | | 10150 | | 0 | | | |
| | 23-24 | 12200 | | 11400 | | 0 | | | |
| 28th Mar 2017 to 31st Mar 2017 | 00-05 | 12200 | 800 | 11400 | 10882 | 518 | | Revised STOA Margin considering change in LTA/MTOA approved by CTU | |
| | 05-08 | 11400 | | 10600 | | 0 | | | |
| | 08-18 | 12200 | | 11400 | | 518 | | | |
| | 18-23 | 10950 | | 10150 | | 0 | | | |
| | 23-24 | 12200 | | 11400 | | 518 | | | |

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 |
|--------------------------------|--------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| NER | 1st Mar 2017 to 5th Mar 2017 | 00-17 | 1250 | 45 | 1205 | 225 | 980 | | |
| | | 17-23 | 1105 | | 1060 | | 835 | | |
| | | 23-24 | 1250 | | 1205 | | 980 | | |
| | 6th Mar 2017 | 00-08 | 1250 | 45 | 1205 | 225 | 980 | | |
| | | 08-17 | 1030 | | 985 | | 760 | | |
| | | 17-23 | 1105 | | 1060 | | 835 | | |
| | | 23-24 | 1250 | | 1205 | | 980 | | |
| | 7th Mar 2017 | 00-08 | 1050 | 45 | 1005 | 225 | 780 | | |
| | | 08-17 | 1030 | | 985 | | 760 | | |
| | | 17-23 | 905 | | 860 | | 635 | | |
| | | 23-24 | 1050 | | 1005 | | 780 | | |
| | 8th Mar 2017 to 12th Mar 2017 | 00-17 | 1050 | 45 | 1005 | 225 | 780 | | |
| | | 17-23 | 905 | | 860 | | 635 | | |
| | | 23-24 | 1050 | | 1005 | | 780 | | |
| | 13th Mar 2017 to 14th Mar 2017 | 00-17 | 1050 | 45 | 1005 | 225 | 780 | | |
| | | 17-23 | 905 | | 860 | | 635 | | |
| | | 23-24 | 1050 | | 1005 | | 780 | | |
| | 15th Mar 2017 to 16th Mar 2017 | 00-17 | 1050 | 45 | 1005 | 225 | 780 | | |
| | | 17-23 | 905 | | 860 | | 635 | | |
| | | 23-24 | 1050 | | 1005 | | 780 | | |
| | 17th Mar 2017 to 31st Mar 2017 | 00-17 | 1250 | 45 | 1205 | 225 | 980 | | |
| 17-23 | | 1105 | 1060 | | 835 | | | | |
| 23-24 | | 1250 | 1205 | | 980 | | | | |
| WR | | | | | | | | | |
| SR | 1st Mar 2017 to 5th Mar 2017 | 00-05 | 7250 | 750 | 6500 | 6132 | 368 | | |
| | | 05-06 | 6850 | | 6100 | 6132 | 0 | | |
| | | 06-18 | 6850 | | 6100 | 6217 | 0 | | |
| | | 18-22 | 6850 | | 6100 | 6132 | 0 | | |
| | | 22-24 | 7250 | | 6500 | 6132 | 368 | | |
| | 6th Mar 2017 | 00-05 | 7250 | 750 | 6500 | 6132 | 368 | | |
| | | 05-06 | 4850 | | 4100 | 6132 | 0 | | |
| | | 06-18 | 4850 | | 4100 | 6217 | 0 | | |
| | | 18-22 | 4850 | | 4100 | 6132 | 0 | | |
| | | 22-24 | 6250 | | 5500 | 6132 | 0 | | |
| | 7th Mar 2017 | 00-05 | 6250 | 750 | 5500 | 6132 | 0 | | |
| | | 05-06 | 4850 | | 4100 | 6132 | 0 | | |
| | | 06-18 | 4850 | | 4100 | 6217 | 0 | | |
| | | 18-22 | 4850 | | 4100 | 6132 | 0 | | |
| | | 22-24 | 6250 | | 5500 | 6132 | 0 | | |
| | 8th Mar 2017 | 00-05 | 6250 | 750 | 5500 | 6132 | 0 | | |
| | | 05-06 | 4850 | | 4100 | 6132 | 0 | | |
| | | 06-18 | 4850 | | 4100 | 6217 | 0 | | |
| | | 1800-1815 | 4850 | | 4100 | 6132 | 0 | | |
| | | 1815-2200 | 4600 | | 3850 | 6047 | 0 | | |
| | 22-24 | 6000 | 5250 | 6132 | 0 | | | | |
| 9th Mar 2017 | 00-05 | 6000 | 750 | 5250 | 6132 | 0 | | | |
| | 05-06 | 4600 | | 3850 | 6132 | 0 | | | |
| | 06-18 | 4600 | | 3850 | 6217 | 0 | | | |
| | 18-22 | 4600 | | 3850 | 6132 | 0 | | | |
| | 22-24 | 6000 | | 5250 | 6132 | 0 | | | |
| 10th Mar 2017 to 11th Mar 2017 | 00-05 | 6250 | 750 | 5500 | 6132 | 0 | | | |
| | 05-06 | 4850 | | 4100 | 6132 | 0 | | | |
| | 06-18 | 4850 | | 4100 | 6217 | 0 | | | |
| | 18-22 | 4850 | | 4100 | 6132 | 0 | | | |
| | 22-24 | 6250 | | 5500 | 6132 | 0 | | | |

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 |
|--------------------------------|--------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| | 12th Mar 2017 to 15th Mar 2017 | 00-05 | 7250 | 750 | 6500 | 6132 | 368 | | |
| | | 05-06 | 6850 | | 6100 | 6132 | 0 | | |
| | | 06-18 | 6850 | | 6100 | 6217 | 0 | | |
| | | 18-22 | 6850 | | 6100 | 6132 | 0 | | |
| | | 22-24 | 7250 | | 6500 | 6132 | 368 | | |
| | 16th Mar 2017 | 00-05 | 7250 | 750 | 6500 | 6132 | 368 | | |
| | | 05-06 | 6050 | | 5300 | 6132 | 0 | | |
| | | 06-18 | 6050 | | 5300 | 6217 | 0 | | |
| | | 18-22 | 6050 | | 5300 | 6132 | 0 | | |
| | | 22-24 | 6450 | | 5700 | 6132 | 0 | | |
| | 17th Mar 2017 | 00-05 | 6450 | 750 | 5700 | 6132 | 0 | | |
| | | 05-06 | 6050 | | 5300 | 6132 | 0 | | |
| | | 06-18 | 6050 | | 5300 | 6217 | 0 | | |
| | | 18-22 | 6050 | | 5300 | 6132 | 0 | | |
| | | 22-24 | 6450 | | 5700 | 6132 | 0 | | |
| | 18th Mar 2017 | 00-05 | 7250 | 750 | 6500 | 6132 | 368 | | |
| | | 05-06 | 6850 | | 6100 | 6132 | 0 | | |
| | | 06-07 | 6850 | | 6100 | 6217 | 0 | | |
| | | 07-18 | 6350 | | 5600 | 6217 | 0 | | |
| | | 18-22 | 6350 | | 5600 | 6132 | 0 | | |
| | 19th Mar 2017 to 20th Mar 2017 | 22-24 | 6750 | 750 | 6000 | 6132 | 0 | | |
| | | 00-05 | 6750 | | 6000 | 6132 | 0 | | |
| | | 05-06 | 6350 | | 5600 | 6132 | 0 | | |
| | | 06-18 | 6350 | | 5600 | 6217 | 0 | | |
| 18-22 | | 6350 | 5600 | | 6132 | 0 | | | |
| 21st Mar 2017 to 31st Mar 2017 | 22-24 | 6750 | 750 | 6000 | 6132 | 0 | | | |
| | 00-05 | 7250 | | 6500 | 6132 | 368 | | | |
| | 05-06 | 6850 | | 6100 | 6132 | 0 | | | |
| | 06-18 | 6850 | | 6100 | 6217 | 0 | | | |
| | 18-22 | 6850 | | 6100 | 6132 | 0 | | | |
| | | 22-24 | 7250 | | 6500 | 6132 | 368 | | |

* 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 Mar 2017 to 31st Mar 2017 | 00-06 | 4500 | 700 | 3800 | 248 | 3552 | | |
| | | 06-18' | | | 3800 | 368 | 3432 | | |
| | | 18-24 | 4500 | | 3800 | 248 | 3552 | | |
| NER | 1st Mar 2017 to 5th Mar 2017 | 00-17 | 1135 | 45 | 1090 | 0 | 1090 | | |
| | | 17-23 | 1210 | | 1165 | | 1165 | | |
| | | 23-24 | 1135 | | 1090 | | 1090 | | |
| | 6th Mar 2017 | 00-08 | 1135 | 45 | 1090 | 0 | 1090 | | |
| | | 08-17 | 840 | | 795 | | 795 | | |
| | | 17-23 | 1210 | | 1165 | | 1165 | | |
| | | 23-24 | 1135 | | 1090 | | 1090 | | |
| | 7th Mar 2017 | 00-08 | 935 | 45 | 890 | 0 | 890 | | |
| | | 08-17 | 840 | | 795 | | 795 | | |
| | | 17-23 | 1010 | | 965 | | 965 | | |
| | | 23-24 | 1135 | | 1090 | | 1090 | | |
| | 8th Mar 2017 to 12th Mar 2017 | 00-17 | 935 | 45 | 890 | 0 | 890 | | |
| | | 17-23 | 1010 | | 965 | | 965 | | |
| | | 23-24 | 935 | | 890 | | 890 | | |
| | 13th Mar 2017 to 14th Mar 2017 | 00-17 | 935 | 45 | 890 | 0 | 890 | | |
| | | 17-23 | 1010 | | 965 | | 965 | | |
| | | 23-24 | 935 | | 890 | | 890 | | |
| | 15th Mar 2017 to 16th Mar 2017 | 00-17 | 935 | 45 | 890 | 0 | 890 | | |
| | | 17-23 | 1010 | | 965 | | 965 | | |
| | | 23-24 | 935 | | 890 | | 890 | | |
| | 17th Mar 2017 to 31st Mar 2017 | 00-17 | 1135 | 45 | 1090 | 0 | 1090 | | |
| | | 17-23 | 1210 | | 1165 | | 1165 | | |
| | | 23-24 | 1135 | | 1090 | | 1090 | | |
| | WR | | | | | | | | |
| SR * | 1st Mar 2017 to 31st Mar 2017 | 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

| | | |
|-----|--------|---|
| NR | Import | (n-1) contingencies of N.Ranchi - Chandawa S/c & (n-1) contingencies of 400kV MPL- Maithon S/c. 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. |
| | Export | (n-1) contingency of 400kV Zerda-Bhimnal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Saranath-Pusauli |
| NER | Import | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa High loading of 220 kV Balipara-Sonabil line(200 MW) b. |
| | Export | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other 400/220 kV, 315 MVA ICT at Misa. |
| SR | Import | (n-1) contingency of one circuit of 765kV Aurangabad-Sholapur will lead to 874 MW loading on 400kV Vemagiri(PG)-Gazuwaka (With Opening of 400kV Vemagiri(PG)-Nunna S/C). Low Voltage at Gazuwaka (East) Bus. |

**National Load Despatch Centre
Total Transfer Capability for March 2017**

| Revision No | Date of Revision | Period of Revision | Reason for Revision | Corridor Affected |
|-------------|------------------|-------------------------------------|--|-------------------------------|
| 1 | 27/2/2017 | Whole Month | Revised considering the present inter regional flow pattern of WR-NR and ER-NR. Changes in LTA and MTOA and high generation in Rihand-Singrauli-Anpara complex factored. | WR-NR/ Import of NR |
| | | | Revised due to commissioning of 765 kV Angul-Srikakulam-Vemagiri D/C, LILO of 400 kV Gazuwaka - Nunna at Vemagiri (PG), and opening of 400 kV Vemagiri-Nunna S/C. STOA margin revised due to operationalization of MTOA. | WR-SR/ ER-SR/ Import of SR |
| 2 | 27/2/2017 | Whole Month | STOA margin revised due to change in LTA/MTOA | ER-SR/ Import of SR |
| 3 | 2nd March 2017 | 3rd March 2017 to 31st March 2017 | Revised considering the present load generation balance pattern | WR-NR/ Import of NR |
| 4 | 3rd March 2017 | 6th March 2017 to 11th March 2017 | Revised due to shutdown of both poles of HVDC Talcher - Kolar during 06-18 hrs & one pole of HVDC Talcher -Kolar during 18-24 hrs and 24-06 hrs | ER-SR/ Import of SR |
| 5 | 4th March 2017 | 6th March 2017 to 7th March 2017 | Revised due to shutdown of 400 kV Silchar - Azara S/C on 06th and 07th, and 220 kV Salakati - Alipurduar II on 06th March'17 | ER-NER/NER-ER |
| 6 | 6th March 2017 | 7th March 2017 to 12th March 2017 | Revised due to shutdown of HVDC BNC-Agra Bipole and considering tower collapses of 400V Patna-Kishenganj D/C and 400kV Biharsariff-Purnea D/C. | ER-NER/NER-ER |
| 7 | 8th March 2017 | 9th March 2017 | Revised due to Shutdown of 765/400kV ICT-1 at Agra. | WR-NR/ Import of NR |
| 8 | 8th March 2017 | 8th - 9th March 2017 | Revised due to forced outage of 765 kV Durg - Wardha II (TTC shall be normalised on restoration of the line) | WR-SR/ Import of SR |
| 9 | 12th March 2017 | 13th - 14th March 2017 | Revised due to shutdown of HVDC BNC-Agra Bipole and considering tower collapses of 400V Patna-Kishenganj D/C and 400kV Biharsariff-Purnea D/C | ER-NER/NER-ER |
| 10 | 14th March 2017 | 15th - 16th March 2017 | Revised due to shutdown of HVDC BNC-Agra Bipole and considering tower collapses of 400V Patna-Kishenganj D/C and 400kV Biharsariff-Purnea D/C | ER-NER/NER-ER |
| | 14th March 2017 | 16th - 17th March 2017 | Revised due to shutdown of 765kV Durg-Wardha-1 & 2 | WR-SR/ Import of SR |
| 11 | 17th March 2017 | 18th - 20th March 2017 | Revised due to shutdown of 765kV Seoni-Wardha D/C | WR-SR/ Import of SR |
| 12 | 18th March 2017 | 21st March 2017 and 22nd March 2017 | Revised due to shutdown of 765/400kV ICT-1 and ICT-2 at Agra on daily basis. | WR-NR/ Import of NR |
| 13 | 24th March 2017 | 25th March 2017 to 31st March 2017 | Revised considering prolonged shutdown of 765 kV Vadodara SS, reduced power order operation of HVDC Mundra-Mahendragarh, commissioning of one pole of HVDC Champa - Kurukshetra and change in LTA/MTOA towards NR | WR-NR/ Import of NR |
| 14 | 27th March 2017 | 28th March 2017 to 31st March 2017 | Revised STOA Margin considering change in LTA/MTOA approved by CTU | WR-NR/ Import of NR |

| ASSUMPTIONS IN BASECASE | | | | | |
|-------------------------|----------------------------|----------------|--------------------|------------------|---------------|
| | | | | Month : March'17 | |
| 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 | 5629 | 3905 | 2165 | 2115 |
| 2 | Haryana | 6250 | 3218 | 2173 | 2173 |
| 3 | Rajasthan | 9749 | 9900 | 5592 | 5605 |
| 4 | Delhi | 3315 | 2025 | 391 | 391 |
| 5 | Uttar Pradesh | 12944 | 13358 | 7157 | 7086 |
| 6 | Uttarakhand | 1691 | 1178 | 691 | 538 |
| 7 | Himachal Pradesh | 1364 | 827 | 366 | 261 |
| 8 | Jammu & Kashmir | 2275 | 2425 | 630 | 448 |
| 9 | Chandigarh | 191 | 101 | 0 | 0 |
| 10 | ISGS/IPPs | 28 | 28 | 18214 | 11614 |
| | Total NR | 43436 | 36966 | 37378 | 30230 |
| II | EASTERN REGION | | | | |
| 1 | Bihar | 3404 | 2483 | 200 | 131 |
| 2 | Jharkhand | 982 | 894 | 400 | 400 |
| 3 | Damodar Valley Corporation | 2456 | 2135 | 3741 | 3372 |
| 4 | Orissa | 4130 | 3171 | 3359 | 2199 |
| 5 | West Bengal | 7288 | 5463 | 5049 | 3656 |
| 6 | Sikkim | 69 | 40 | 0 | 0 |
| 7 | Bhutan | 245 | 245 | 272 | 47 |
| 8 | ISGS/IPPs | 570 | 576 | 10672 | 9246 |
| | Total ER | 19113 | 14977 | 23663 | 19036 |
| III | WESTERN REGION | | | | |
| 1 | Maharashtra | 20050 | 13792 | 14419 | 9489 |
| 2 | Gujarat | 13203 | 9864 | 9505 | 7573 |
| 3 | Madhya Pradesh | 9224 | 7473 | 4125 | 3958 |
| 4 | Chattisgarh | 3811 | 2773 | 2830 | 2020 |
| 5 | Daman and Diu | 313 | 251 | 0 | 0 |
| 6 | Dadra and Nagar Haveli | 700 | 621 | 0 | 0 |
| 7 | Goa-WR | 506 | 238 | 0 | 0 |
| 8 | ISGS/IPPs | 3043 | 3081 | 32131 | 27122 |
| | Total WR | 50850 | 38093 | 63009 | 50162 |

| | | | | | |
|----|----------------------|--------|--------|--------|--------|
| | | | | | |
| IV | SOUTHERN REGION | | | | |
| 1 | Andhra Pradesh | 8039 | 7097 | 7416 | 6276 |
| 2 | Telangana | 8119 | 7354 | 3817 | 3162 |
| 3 | Karnataka | 9710 | 8714 | 7461 | 5612 |
| 4 | Tamil Nadu | 14679 | 12052 | 6897 | 6400 |
| 5 | Kerala | 4152 | 3130 | 1752 | 687 |
| 6 | Pondy | 395 | 285 | 0 | 0 |
| 7 | Goa-SR | 89 | 89 | 0 | 0 |
| 8 | ISGS/IPPs | 120 | 98 | 14289 | 12353 |
| | Total SR | 45303 | 38819 | 41631 | 34491 |
| | | | | | |
| V | NORTH-EASTERN REGION | | | | |
| 1 | Arunachal Pradesh | 105 | 50 | 0 | 0 |
| 2 | Assam | 1050 | 745 | 230 | 140 |
| 3 | Manipur | 146 | 68 | 0 | 0 |
| 4 | Meghalaya | 271 | 156 | 159 | 80 |
| 5 | Mizoram | 87 | 52 | 8 | 4 |
| 6 | Nagaland | 100 | 74 | 12 | 8 |
| 7 | Tripura | 185 | 101 | 76 | 76 |
| 8 | ISGS/IPPs | 65 | 60 | 1564 | 995 |
| | Total NER | 2009 | 1306 | 2049 | 1303 |
| | | | | | |
| | Total All India | 160957 | 130406 | 168002 | 135269 |