

**National Load Despatch Centre
Total Transfer Capability for March 2014**

Issue Date: 13/03/2014

Issue Time: 1315 hrs

Revision No. 13

| 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 2014 to 31st March 2014 | 00-24 | 2500 | 500 | 2000 | 361 | 1639 | | |
| WR-NR ¹ | 1st March 2014 to 4th March 2014 | 00-17 | 4200 | 500 | 3700 | 3656 | 44 | | |
| | | 23-24 | 4200 | | 3700 | | 44 | | |
| | 5th March 2014 | 00-08 | 4200 | 500 | 3700 | 3656 | 44 | | |
| | | 17-23 | | | 3100 | | 2600 | | |
| | | 23-24 | 08-17' | 3100 | 0 | | | | |
| | 6th March 2014 to 12th March 2014 | 00-17 | 4200 | 500 | 3700 | 3656 | 44 | | |
| | | 23-24 | 4200 | | 3700 | | 44 | | |
| | 13th March 2014 | 00-07 | 4200 | 500 | 3700 | 3656 | 44 | | |
| | | 07-24 | 3950 | | 3450 | | 0 | | |
| | 14th March 2014 to 31st March 2014 | 00-17 | 4200 | 500 | 3700 | 3656 | 44 | | |
| 23-24 | | 4200 | 3700 | | 44 | | | | |
| NR-ER* | 1st March 2014 to 31st March 2014 | 00-17 | 1000 | 200 | 800 | 200 | 600 | | |
| | | 23-24 | 1100 | | 900 | | 700 | | |
| | | 17-23 | 1100 | | 900 | | 700 | | |
| ER-NR | 1st March 2014 to 5th March 2014 | 00-17 | 3600 | 300 | 3300 | 2789 | 511 | | |
| | | 23-24 | 3100 | | 2800 | | 11 | | |
| | 6th March 2014 | 00-08 | 3600 | 300 | 3300 | 2789 | 511 | | |
| | | 23-24 | 3100 | | 2800 | | 11 | | |
| | | 08-17' | 3200 | | 2900 | | 111 | | |
| | 7th March 2014 | 00-08 | 3800 | 300 | 3500 | 2789 | 711 | | |
| | | 18-24 | 3200 | | 2900 | | 111 | | |
| | 8th March 2014 to 9th March 2014 | 00-17 | 3800 | 300 | 3500 | 2789 | 711 | | |
| | | 23-24 | 3800 | | 3500 | | 711 | | |
| | 10th March 2014 | 00-10 | 3800 | 300 | 3500 | 2789 | 711 | | |
| | | 13-24 | 2600 | | 2300 | | 0 | | |
| | 11th March 2014 and 12th March 2014 | 00-17 | 3800 | 300 | 3500 | 2789 | 711 | | |
| | | 23-24 | 3800 | | 3500 | | 711 | | |
| | 13th March 2014 | 00-07 | 3800 | 300 | 3500 | 2789 | 711 | | |
| | | 07-24' | 3800 | | 3500 | | 711 | | |
| | 14th March 2014 | 00-24 | 3800 | 300 | 3500 | 2789 | 711 | 600 | Revised due to cancellation of 400kV Kahalgaon-Biharshariff -1 shutdown |
| 15th March 2014 | 00-07 | 3800 | 300 | 3500 | 2789 | 711 | Revised due to cancellation of 400kV Kahalgaon-Biharshariff D/C shutdown | | |
| 16th March 2014 to 31st March 2014 | 00-17 | 3800 | 300 | 3500 | 2789 | 711 | | | |
| | 23-24 | 3800 | | 3500 | | 711 | | | |
| W3-ER | 1st March 2014 | 00-09 | 1800 | 300 | 1500 | 0 | 1500 | | |
| | | 17-24 | 1500 | 300 | 1200 | 0 | 1200 | | |
| | | 09-17' | 1500 | 300 | 1200 | 0 | 1200 | | |
| | 2nd March 2014 to 8th March 2014 | 00-24 | 1800 | 300 | 1500 | 0 | 1500 | | |
| | | 00-09 | 1800 | 300 | 1500 | 0 | 1500 | | |
| | 9th March 2014 to 11th March 2014 | 18-24 | 1500 | 300 | 1200 | 0 | 1200 | | |
| | | 09-18' | 1500 | | 1200 | | 1200 | | |
| | 12th March 2014 | 00-07 | 1800 | 300 | 1500 | 0 | 1500 | | |
| 19-24 | | 1300 | 1000 | | 1000 | | | | |

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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 |
|------------------------------------|------------------------------------|-------------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|--|
| W3-ER | 13th March 2014 | 00-24 | 1800 | 300 | 1500 | 0 | 1500 | | |
| | 14th March 2014 | 00-14 18-24 | 1800 | 300 | 1500 | 0 | 1500 | | Revised due to shutdown of 400kV Ranchi-Sipat D/C |
| | | 14-18 | 1300 | | 1000 | | 1000 | -500 | |
| | 15th March 2014 to 31st March 2014 | 00-24 | 1800 | 300 | 1500 | 0 | 1500 | | |
| ER-W3 | 1st March 2014 to 31st March 2014 | 00-24 | 1000 | 300 | 700 | 700 | 0 | | |
| WR-SR | 1st March 2014 to 31st March 2014 | 00-24 | 1000 | 0 | 1000 | 1000 | 0 | | |
| SR-WR * | 1st March 2014 to 31st March 2014 | 00-24 | 1000 | 0 | 1000 | 0 | 1000 | | |
| ER-SR | 1st March 2014 to 12th March 2014 | 00-05 10-19 | 750 | 0 | 750 | 657 | 93 | | |
| | | 05-10 19-24 | 750 | | 750 | | 93 | | |
| | 13th March 2014 to 31st March 2014 | 00-05 10-19 | 750 | 0 | 750 | 507 | 243 | | |
| | | 05-10 19-24 | 750 | | 750 | | 243 | | |
| SR-ER * | 1st March 2014 to 31st March 2014 | 00-17 23-24 | 1100 | 0 | 1100 | 197 | 903 | | |
| | | 17-23 | 1100 | | 1100 | | 903 | | |
| ER-NER ² | 1st March 2014 to 05th March 2014 | 00-17 23-24 | 650 | 50 | 600 | 230 | 370 | | |
| | | 17-23 | 590 | | 540 | | 310 | | |
| | 06th March 2014 | 00-17 | 650 | 50 | 600 | 230 | 370 | | |
| | | 17-23 | 590 | | 540 | | 310 | | |
| | | 23-24 | 650 | | 600 | | 370 | | |
| | 7th March 2014 | 00-17 23-24 | 650 | 50 | 600 | 230 | 370 | | |
| | | 17-23 | 590 | | 540 | | 310 | | |
| | 8th March 2014 | 00-09 16-17 23-24 | 650 | 50 | 600 | 230 | 370 | | |
| | | 09-16' | 350 | | 300 | | 70 | | |
| | | 17-23 | 590 | | 540 | | 310 | | |
| | | | | | | | | | |
| | 9th March 2014 to 11th March 2014 | 00-09 16-17 23-24 | 650 | 50 | 600 | 230 | 370 | | |
| | | 09-16' | 350 | | 300 | | 70 | | |
| | | 17-23 | 590 | | 540 | | 310 | | |
| | 12th March 2014 | 00-17 23-24 | 650 | 50 | 600 | 230 | 370 | | |
| | | 17-23 | 590 | | 540 | | 310 | | |
| | 13th March 2014 | 00-07 | 650 | 50 | 600 | 230 | 370 | | |
| | | 07-17' 23-24 | 650 | | 600 | | 370 | 150 | |
| | | 17-23 | 590 | | 540 | | 310 | 90 | |
| | 14th March 2014 | 00-17 23-24 | 650 | 50 | 600 | 230 | 370 | 150 | Revised due to cancellation of 400kV Kahalgaon-Biharshariff -1 shutdown |
| | | 17-23 | 590 | | 540 | | 310 | 90 | |
| | 15th March 2014 | 00-07 | 650 | 50 | 600 | 230 | 370 | 150 | Revised due to cancellation of 400kV Kahalgaon-Biharshariff D/C shutdown |
| | | 07-17' | 650 | | 600 | | 370 | 200 | |
| | | 17-23 | 720 | | 670 | | 440 | 270 | |
| 23-24 | | 720 | 670 | | 440 | | 270 | | |
| 16th March 2014 to 31st March 2014 | 00-17 23-24 | 720 | 50 | 670 | 230 | 440 | | | |
| | 17-23 | 720 | | 670 | | 440 | | | |

**National Load Despatch Centre
Total Transfer Capability for March 2014**

Issue Date: 13/03/2014

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Revision No. 13

| 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 March 2014 to 05th March 2014 | 00-17 | 520 | 100 | 420 | 0 | 420 | | | |
| | | 23-24 | | | | | | | | |
| | | 17-23 | | | | | | 450 | 350 | |
| | 06th March 2014 | 00-17 | 520 | 100 | 420 | 0 | 420 | | | |
| | | 17-23 | | | | | | 450 | 350 | |
| | | 23-24 | | | | | | 520 | 420 | 420 |
| | 7th March 2014 to 14th March 2014 | 00-17 | 520 | 100 | 420 | 0 | 420 | | | |
| | | 23-24 | | | | | | | | |
| | | 17-23 | | | | | | 450 | 350 | |
| | 15th March 2014 | 00-17 | 590 | 100 | 420 | 0 | 420 | | | |
| | | 17-23 | | | | | | 590 | 490 | |
| | | 23-24 | | | | | | 630 | 530 | |
| 16th March 2014 to 31st March 2014 | 00-17 | 630 | 100 | 530 | 0 | 530 | | | | |
| | 23-24 | | | | | | | | | |
| | | 17-23 | 590 | | 490 | | 490 | | | |
| | | | | | | | | | | |
| S1-S2 | 1st March 2014 | 00-24 | 5650 | 400 | 5250 | 4900 | 350 | | | |
| | 2nd March 2014 | 00-06 | 5650 | 400 | 5250 | 4900 | 350 | | | |
| | | 06-24' | 5350 | 400 | 4950 | 4900 | 50 | | | |
| | 3rd March 2014 to 31st March 2014 | 00-24 | 5650 | 400 | 5250 | 4900 | 350 | | | |
| Import of Punjab | 1st March 2014 to 31st March 2014 | 00-24 | 5600 | 300 | 5300 | 3800 | 1500 | | | |
| Import TTC for DD & DNH | 1st March 2014 to 31st March 2014 | 00-24 | 980 | 0 | 980 | LTA and MTOA as per ex-pp schedule | | | | |
| W3 zone Injection | 1st March 2014 to 13th March 2014 | 00-17 | 9000 | 200 | 8800 | 7167 | 1633 | | | |
| | | 23-24 | | | | | | | | |
| | 14th March 2014 | 14-17 | 9000 | 200 | 8800 | 7167 | 1633 | | Revised due to shutdown of 400kV Raipur-Bhadrawati Ckt-1 | |
| | | 23-24 | | | | | | | | |
| | | 08-14' | | | | | | 8600 | | 8400 |
| | 15th March 2014 to 31st March 2014 | 17-23 | 9500 | 200 | 8800 | 7167 | 1633 | | | |
| 00-17 | | | | | | | | | | |
| | | 17-23 | 9500 | | 9300 | | 2133 | | | |

* 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) ER-SR TTC declared at Talcher Interconnector and Gazuwaka HVDC B/B seam
- 2) S1 comprises of AP and Karnataka; S2 comprises of Tamil Nadu, Kerala and Pondicherry
- 3) W3 comprises of the following regional entities :
 - a) Chattisgarh, b) Jindal Power Limited (JPL), 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

The figure is based on LTA/MTOA approved by CTU. In actual Operation, due to Units being on Maintenance/ Fuel shortage the LTA/MTOA utilized would be less. RLDC/ NLDC would factor this situation while issuing STOA approvals

1. WR-NR Total Transfer capability will be reduced to 3100 MW in case of outage of any one of the following sections:
• 765 kV Gwalior-Agra one circuit

2. ER-NER Total Transfer capability will be reduced to 450 MW in case of outage of any one of the 400kV Purnea-Biharshariff circuit.

**National Load Despatch Centre
Total Transfer Capability for March 2014**

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

Limiting Constraints

| Corridor | Constraint |
|--------------------------|--|
| NR-WR | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. |
| WR-NR | High loading of 765 kV Agra-Gwalior (1000 MW SPS setting on each circuit of 765 kV Gwalior-Agra) |
| NR-ER | (n-1) contingency of 400 kV Allahabad-Pusauli |
| ER-NR | (n-1) contingency of 400 kV Kahalgaon-Biharshariff |
| W3-ER | (n-1) contingency of 400kV Sterilte-Rourkela S/C |
| ER-W3 | High loading of 400 kV Raipur-Bhadrawati T/C, Bhilai-Bhadrawati S/C, Bhilai-Koradi and Bhilai-Seoni* (n-1) contingency of 400kV Raigarh-Sterlite |
| WR-SR & ER-SR | 1. Commissioning of 765kV Raichur-Sholapur S/C 2. Based on the operational experience after the synchronization of SR grid with NEW grid and due to inadvertent 3. Considering transfer capability assessment by CTU on NEW-SR corridor. |
| SR-WR | Bhadrawati HVDC B/B link capacity |
| SR-ER | |
| ER-NER | (n-1) contingency of 400 kV Kahalgaon-Biharshariff |
| NER-ER | (n-1) contingency of 315 MVA ICT at Misa |
| S1-S2 | (n-1) contingency of 400 kV Kolar-Hosur D/C line, 400kV Hosur-Salem S/C and 400kV Somanahalli-Salem S/C line. |
| Import of Punjab | (n-1) contingency of ICT at Patiala/Moga |
| W3 zone Injection | (n-1) contingency of 400 kV Raipur-Wardha-Parli Section |

*Primary constraints

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 | | | | | | | | | |
| NR¹ | 1st March 2014 to 4th March 2014 | 00-17 23-24 | 7800 | 800 | 7000 | 6445 | 555 | | |
| | | 17-23 | 7300 | | 6500 | | 55 | | |
| | 5th March 2014 | 00-08 23-24 | 7800 | 800 | 7000 | 6445 | 555 | | |
| | | 08-17' | 5800 | | 5000 | | 0 | | |
| | | 17-23 | 7300 | | 6500 | | 55 | | |
| | 6th March 2014 | 00-18 23-24 | 7800 | 800 | 7000 | 6445 | 555 | | |
| | | 08-17' | 7400 | | 6600 | | 155 | | |
| | | 17-23 | 7300 | | 6500 | | 55 | | |
| | 7th March 2014 | 00-08 18-24 | 8000 | 800 | 7200 | 6445 | 755 | | |
| | | 08-18' | 7400 | | 6600 | | 155 | | |
| | 8th March 2014 to 9th March 2014 | 00-17 23-24 | 8000 | 800 | 7200 | 6445 | 755 | | |
| | | 17-23 | 8000 | | 7200 | | 755 | | |
| | 10th March 2014 | 00-10 13-24 | 8000 | 800 | 7200 | 6445 | 755 | | |
| | | 10-13' | 6800 | | 6000 | | 0 | | |
| | 11th March 2014 to 12th March 2014 | 00-17 23-24 | 8000 | 800 | 7200 | 6445 | 755 | | |
| | | 17-23 | 8000 | | 7200 | | 755 | | |
| | 13th March 2014 | 00-07 | 8000 | 800 | 7200 | 6445 | 755 | | Revised due to cancellation of 400kV Kahalgaon-Biharshariff -1 shutdown |
| | | 07-24' | 7750 | 800 | 6950 | 6445 | 0 | 250 | |
| 14th March 2014 | 00-24 | 8000 | 800 | 7200 | 6445 | 755 | 600 | Revised due to cancellation of 400kV Kahalgaon-Biharshariff D/C shutdown | |
| | 00-07 | 8000 | 800 | 7200 | 6445 | 755 | 600 | | |
| 15th March 2014 | 07-24' | 8000 | 800 | 7200 | 6445 | 0 | 900 | | |
| | 00-17 23-24 | 8000 | 800 | 7200 | 6445 | 755 | | | |
| 17-23 | 8000 | 7200 | | 755 | | | | | |
| NER² | 1st March 2014 to 05th March 2014 | 00-17 23-24 | 650 | 50 | 600 | 230 | 370 | | |
| | | 17-23 | 590 | | 540 | | 310 | | |
| | 06th March 2014 | 00-17 | 650 | 50 | 600 | 230 | 370 | | |
| | | 17-23 | 590 | | 540 | | 310 | | |
| | | 23-24 | 650 | | 600 | | 370 | | |
| | 7th March 2014 | 00-17 23-24 | 650 | 50 | 600 | 230 | 370 | | |
| | | 17-23 | 590 | | 540 | | 310 | | |
| | 8th March 2014 | 00-09 16-17 23-24 | 650 | 50 | 600 | 230 | 370 | | |
| | | 09-16' | 350 | | 300 | | 70 | | |
| | | 17-23 | 590 | | 540 | | 310 | | |
| | 9th March 2014 to 11th March 2014 | 00-09 16-17 23-24 | 650 | 50 | 600 | 230 | 370 | | |
| | | 09-16' | 350 | | 300 | | 70 | | |
| | | 17-23 | 590 | | 540 | | 310 | | |

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 ² | 12th March 2014 | 00-17 | 650 | 50 | 600 | 230 | 370 | | |
| | | 23-24 | | | 540 | | 310 | | |
| | 13th March 2014 | 00-07 | 650 | 50 | 600 | 230 | 370 | | |
| | | 07-17' | 650 | | 600 | | 370 | 150 | Revised due to cancellation of 400kV Kahalgaon-Biharshariff -1 shutdown |
| | | 23-24 | 590 | | 540 | | 310 | 90 | |
| | 17-23 | 590 | 540 | 310 | 90 | | | | |
| | 14th March 2014 | 00-17 | 650 | 50 | 600 | 230 | 370 | 150 | Revised due to cancellation of 400kV Kahalgaon-Biharshariff -1 shutdown |
| | | 23-24 | 590 | | 540 | | 310 | 90 | |
| | 15th March 2014 | 00-07 | 650 | 50 | 600 | 230 | 370 | 150 | Revised due to cancellation of 400kV Kahalgaon-Biharshariff D/C shutdown |
| | | 07-17' | 650 | | 600 | | 370 | 200 | |
| | | 17-23 | 720 | | 670 | | 440 | 270 | |
| | | 23-24 | 720 | | 670 | | 440 | 270 | |
| | 16th March 2014 to 31st March 2014 | 00-17 | 720 | 50 | 670 | 230 | 440 | | |
| | | 23-24 | 720 | | 670 | | 440 | | |
| WR | | | | | | | | | |
| | | | | | | | | | |
| SR | 1st March 2014 to 12th March 2014 | 00-05 | 1750 | 0 | 1750 | 1657 | 93 | | |
| | | 10-19 | | | 1750 | | 93 | | |
| | 13th March 2014 to 31st March 2014 | 00-05 | 1750 | 0 | 1750 | 1507 | 243 | | |
| | | 10-19 | 1750 | | 1750 | | 243 | | |

1. WR-NR Total Transfer capability will be reduced to 3100 MW in case of outage of any one of the following sections:

- 765 kV Gwalior-Agra one circuit
- 765 kV Bina-Gwalior one circuit

2. ER-NER Total Transfer capability will be reduced to 450 MW in case of outage of any one of the 400kV Purnea-Biharshariff circuit.

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 2014 to 31st March 2014 | 00-17 23-24 | 3500 | 700 | 2800 | 561 | 2239 | | |
| | | 17-23 | 3600 | | 2900 | | 2339 | | |
| NER | 1st March 2014 to 05th March 2014 | 00-17 23-24 | 520 | 100 | 420 | 0 | 420 | | |
| | | 17-23 | 450 | | 350 | | 350 | | |
| | 06th March 2014 | 00-17 | 520 | 100 | 420 | 0 | 420 | | |
| | | 17-23 | 450 | | 350 | | 350 | | |
| | 23-24 | 00-17 | 520 | 100 | 420 | 0 | 420 | | |
| | | 17-23 | 450 | | 350 | | 350 | | |
| | 7th March 2014 to 14th March 2014 | 00-17 23-24 | 520 | 100 | 420 | 0 | 420 | | |
| | | 17-23 | 450 | | 350 | | 350 | | |
| | 15th March 2014 | 00-17 | 520 | 100 | 420 | 0 | 420 | | |
| | | 17-23 | 590 | | 490 | | 490 | | |
| | | 23-24 | 630 | | 530 | | 530 | | |
| | 16th March 2014 to 31st March 2014 | 00-17 23-24 | 630 | 100 | 530 | 0 | 530 | | |
| 17-23 | | 590 | 490 | | 490 | | | | |
| WR | | | | | | | | | |
| SR* | 1st March 2014 to 31st March 2014 | 00-17 23-24 | 2100 | 0 | 2100 | 197 | 1903 | | |
| | | 17-23 | 2100 | | 2100 | | 1903 | | |

Unit
MVA

Limiting Constraints

| | | |
|-----|---------------|---|
| NR | Import | (n-1) contingency of 400 kV Kahalgaon-Biharshariff High loading of 765 kV Agra-Gwalior (1000 MW SPS setting on each circuit of 765 kV Gwalior-Agra) |
| | Export | (n-1) contingency of 400kV Zerd-Bhinmal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Allahabad-Pusauli |
| NER | Import | (n-1) contingency of 400 kV Kahalgaon-Biharshariff |
| | Export | (n-1) contingency of 315 MVA ICT at Misa |
| SR | Import | 1. Commissioning of 765kV Raichur-Sholapur S/C 2. Based on the operational experience after the synchronization of SR grid with NEW grid and due to inadvertent variation of 765kV Raichur-Sholapur line flow, observation of Low Frequency Oscillations (LFO) 3. Considering transfer capability assessment by CTU on NEW-SR corridor. |
| | Export | |

*Primary constraints

**National Load Despatch Centre
Total Transfer Capability for March 2014**

| Revision No | Date of Revision | Period of Revision | Reason for Revision | Corridor Affected |
|-------------|------------------|---------------------|--|-------------------|
| 1 | 22-01-2014 | Whole Month | Revised due to commissioning of 765kV Raichur-Sholapur S/C | ER-SR/ WR SR |
| 2 | 19-02-2014 | Whole Month | 1. Revised due to shutdown of TEESTA Power Station. 2. Revised due to change in Inter-regional flow pattern & COD of Sasan UMPP Unit-2 | ER-NR/ WR-NR |
| | | | Revised considering operational experience and margins on HVDC | ER-SR/ WR SR |
| | | | Review of flow pattern due to network topology change and Load Generation Balance. | W3 Zone Injection |
| 3 | 26-02-2014 | Whole Month | Revised due to Non-Commissioning of Kudankulam U-1, Vallur U-3 & NLC Exp U-1 | S1-S2 |
| | | 01.03.14 - 06.03.14 | Revised due to shutdown of 220kV Balipara - Samaguri S/C | ER-NER / NER-ER |
| 4 | 28-02-2014 | 01.03.14 | Revised due to shutdown of 400 kV SEL-Rourkela Ckt 1 | W3-ER |
| 5 | 01-03-2014 | 02.03.14 | Revised due to shutdown of 400 kV Raichur-Gooty D/C | S1-S2 |
| 6 | 04-03-2014 | 06.03.14 - 15.03.14 | Revised due to extension of 220 kV Balipara-Samaguri shutdown | ER-NER / NER-ER |
| | | 05.03.14 | Revised due to emergency shutdown of 765 kV Gwalior Bus 1 | WR-NR / NR Import |
| 7 | 05-03-2014 | 06.03.14- 07.03.14 | Revised due to shutdown of 400KV Biharshariff - Muzaffarpur D/C | ER-NR |
| 8 | 07-03-2014 | 08.03.14 | Revised due to shutdown of 400kV Purnea-Binaguri Ckt-3 &4 | ER-NER |
| 9 | 08-03-2014 | 09.03.14 - 11.03.14 | Revised due to shutdown of 400kV Purnea-Binaguri Ckt-3 &4 | ER-NER |
| | | | Revised due to shutdown of 400 kV Rourkela - Sundergarh - 1 | W3-ER |
| 10 | 09-03-2014 | 10.03.14 | Revised due to Emergency shutdown of 400 kV Maithon-Koderma D/C | ER-NR |
| 11 | 10-03-2014 | 13.03.14 | Crossing work of upcoming 765KV S/C Ranchi-Sipat line. Also for the construction work & stringing of 400 kV Ranchi-Ranchi-II | W3-ER |
| 12 | 12-03-2014 | 13.03.14- 31.03.14 | Margin revised due to withdrawal/cancellation of 150MW MTOA from Corporate Power Limited | ER-SR |
| | | 13.03.14 | Revised due to shutdown of HVDC Rihand -Dadri Earth electrode along with HVDC Rihand-Dadri pole2 | WR-NR |
| | | 13.03.14 - 14.03.14 | Revised due to shutdown of 400kV Kahalgaon-Biharshariff -1 | ER-NR/ ER-NER |
| | | 15.03.14 | Revised due to shutdown of 400kV Kahalgaon-Biharshariff D/C | ER-NR/ ER-NER |
| 13 | 13-03-2014 | 13.03.14 - 14.03.14 | Revised due to cancellation of 400kV Kahalgaon-Biharshariff -1 shutdown | ER-NR/ ER-NER |
| | | 15.03.14 | Revised due to cancellation of 400kV Kahalgaon-Biharshariff D/C shutdown | ER-NR/ ER-NER |
| | | 14.03.14 | Revised due to shutdown of 400kV Ranchi-Sipat D/C | W3-ER |
| | | | Revised due to shutdown of 400kV Raipur-Bhadrawati Ckt-1 | W3 Zone Injection |

ASSUMPTIONS IN BASECASE

Month : March '14

| 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 | 5571 | 4510 | 2524 | 2495 |
| 2 | Haryana | 5755 | 4779 | 3482 | 3482 |
| 3 | Rajasthan | 8215 | 8320 | 4940 | 4892 |
| 4 | Delhi | 4102 | 2950 | 1101 | 1101 |
| 5 | Uttar Pradesh | 11500 | 10154 | 5957 | 5867 |
| 6 | Jammu & Kashmir | 2249 | 1725 | 343 | 567 |
| 7 | Uttarakhand | 1582 | 1397 | 649 | 580 |
| 8 | Himachal Pradesh | 1353 | 1194 | 367 | 253 |
| 9 | Chandigarh | 238 | 138 | 0 | 0 |
| 10 | ISGS/IPPs | | | 17573 | 11543 |
| | Total NR | 40564 | 35167 | 36936 | 30780 |
| | | | | | |
| II | EASTERN REGION | | | | |
| 1 | West Bengal | 6600 | 5100 | 4797 | 4000 |
| 2 | Jharkhand | 1000 | 800 | 450 | 450 |
| 3 | Orissa | 3400 | 2600 | 2405 | 1600 |
| 4 | Bihar | 2000 | 1600 | 0 | 0 |
| 5 | Damodar Valley Corporation | 2600 | 2350 | 3600 | 3397 |
| 6 | Sikkim | 90 | 50 | | 0 |
| 7 | Bhutan | 110 | 110 | 200 | 200 |
| 8 | ISGS/IPPs | 270 | 270 | 6849 | 6490 |
| | Total ER | 16070 | 12880 | 18301 | 16137 |
| | | | | | |
| III | WESTERN REGION | | | | |
| 1 | Chattisgarh | 3236 | 2968 | 1629 | 1629 |
| 2 | Madhya Pradesh | 6961 | 5643 | 3847 | 3003 |
| 3 | Maharashtra | 16185 | 14018 | 11275 | 10527 |
| 4 | Gujarat | 11063 | 10565 | 10649 | 9002 |
| 5 | Goa | 422 | 283 | 0 | 0 |
| 6 | Daman and Diu | 239 | 240 | 0 | 0 |
| 7 | Dadra and Nagar Haveli | 588 | 552 | 0 | 0 |
| 8 | ISGS/IPPs | 1291 | 1111 | 18555 | 16029 |
| | Total WR | 39985 | 35380 | 45955 | 40190 |
| | | | | | |

| | | | | | |
|-----------|-----------------------------|---------------|---------------|---------------|---------------|
| IV | SOUTHERN REGION | | | | |
| 1 | Andhra Pradesh | 12233 | 9818 | 8014 | 6538 |
| 2 | Tamil Nadu | 11677 | 9714 | 7485 | 5425 |
| 3 | Karnataka | 8822 | 6821 | 6694 | 5453 |
| 4 | Kerala | 3378 | 2583 | 1844 | 916 |
| 5 | Pondy | 312 | 247 | | |
| 6 | Goa | 80 | 80 | | |
| 7 | ISGS/IPPs | | | 10790 | 9643 |
| | Total SR | 36502 | 29263 | 34827 | 27975 |
| | | | | | |
| V | NORTH-EASTERN REGION | | | | |
| 1 | Manipur | 120 | 84 | 0 | 0 |
| 2 | Meghalaya | 300 | 210 | 90 | 70 |
| 3 | Mizoram | 70 | 49 | 4 | 0 |
| 4 | Nagaland | 110 | 77 | 12 | 6 |
| 5 | Assam | 1280 | 940 | 190 | 190 |
| 6 | Tripura | 220 | 130 | 105 | 100 |
| 7 | Arunachal Pradesh | 120 | 84 | 0 | 0 |
| 8 | ISGS/IPPs | | | 921 | 603 |
| | Total NER | 2220 | 1574 | 1322 | 969 |
| | | | | | |
| | Total All India | 135341 | 114264 | 137341 | 116051 |