

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

Issue Date: 29/08/2014

Issue Time: 1200 hrs

Revision No. 20

| 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 August 2014 to 31st August 2014 | 00-24 | 2500 | 500 | 2000 | 651 | 1349 | | |
| WR-NR | 1st August 2014 | 00-17 23-24 | 4900 | 500 | 4400 | 4380 | 20 | | |
| | | 17-23 | 4900 | | 4400 | | 20 | | |
| | 2nd August 2014 | 00-1215 | 4900 | 500 | 4400 | 4380 | 20 | | |
| | | 1215-24 | 3950 | | 3450 | | 0 | | |
| | 3rd August 2014 to 27th August 2014 | 00-17 23-24 | 4900 | 500 | 4400 | 4380 | 20 | | |
| | | 17-23 | 4900 | | 4400 | | 20 | | |
| | 28th August 2014 to 31st August 2014 | 00-17 23-24 | 4900 | 500 | 4400 | 4380 | 20 | | |
| | | 17-23 | 4900 | | 4400 | | 20 | | |
| | 28th August 2014 | 00-17 23-24 | 4400 | 500 | 3900 | 4380 | 0 | -500 | Revised considering large reduction in generation at APL Mundra and constraints/line loadings in Gujarat Network. |
| | | 17-23 | 4400 | | 3900 | | 0 | | |
| | 29th August 2014 to 31st August 2014 | 00-17 23-24 | 4400 | 500 | 3900 | 4380 | 0 | -500 | |
| | | 17-23 | 4400 | | 3900 | | 0 | | |
| NR-ER* | 1st August 2014 to 7th August 2014 | 00-06 | 1000 | 200 | 800 | 293 | 507 | | |
| | | 06-17' | | | 800 | 338 | 462 | | |
| | | 17-18' | | | 900 | 338 | 562 | | |
| | | 18-23 | | | 900 | 293 | 607 | | |
| | | 23-24 | | | 1000 | 800 | 293 | | |
| | 8th August 2014 to 31st August 2014 | 00-06 | 1000 | 200 | 800 | 293 | 507 | | |
| | | 06-17' | 800 | | 358 | 442 | | | |
| | | 17-18' | 1100 | | 900 | 358 | 542 | | |
| | | 18-23 | 1100 | | 900 | 293 | 607 | | |
| | | 23-24 | 1000 | | 800 | 293 | 507 | | |
| ER-NR | 1st August 2014 to 31st August 2014 | 00-17 | 3400 | 300 | 3100 | 2431 | 669 | | |
| | | 23-24 | | | | | 669 | | |
| | | 17-23 | | | | | 669 | | |
| W3-ER[§] | 1st August 2014 to 31st August 2014 | 00-24 | 1700 | 300 | 1400 | 697 | 703 | | |
| ER-W3 | 1st August 2014 to 31st August 2014 | 00-24 | 1000 | 300 | 700 | 874 | 0 | | |
| WR-SR | 1st August 2014 to 8th August 2014 | 00-24 | 2100 | 750 | 1350 | 1350 | 0 | | |
| | 9th August 2014 to 10th August 2014 | 00-09 | 2100 | | 1350 | 1350 | 0 | | |
| | 11th August 2014 to 17th August 2014 | 09-24' | 1700 | 750 | 950 | 950 | 0 | | |
| | | 00-24 | 2100 | | 1350 | 1350 | 0 | | |
| | 18th August 2014 | 00-18:15 | 2100 | 750 | 1350 | 1350 | 0 | | |
| | | 18:15-24 | 1750 | | 1000 | 1000 | 0 | | |
| | 19th August 2014 | 00-24 | 2100 | 750 | 1350 | 1350 | 0 | | |
| | 20th August 2014 to 23rd August 2014 | 00-08 | 2100 | 750 | 1350 | 1350 | 0 | | |
| 08-24' | | 1600 | 850 | | 850 | 0 | | | |
| 24th August 2014 to 31st August 2014 | 00-24 | 2100 | 750 | 1350 | 1350 | 0 | | | |
| SR-WR * | 1st August 2014 to 31st August 2014 | 00-24 | No limit is being Specified. | | | | | | |

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

Issue Date: 29/08/2014

Issue Time: 1200 hrs

Revision No. 20

| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) # | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments |
|--------------------------------------|--------------------------------------|-------------------------------------|---------------------------------|------------------------------|-------------------------------------|--|--|-------------------------------------|----------|
| ER-SR | 1st August 2014 to 7th August 2014 | 00-06 | 2650 | 0 | 2650 | 2069 | 581 | | |
| | | 18-24 | | | | 2114 | 536 | | |
| | 8th August 2014 | 00-06 | 2650 | 0 | 2650 | 2089 | 561 | | |
| | | 18-24 | | | | 2134 | 516 | | |
| | 9th August 2014 to 10th August 2014 | 00-06 | 2650 | 0 | 2650 | 2585 | 65 | | |
| | | 06-09' | | | | 2577 | 73 | | |
| | | 09-18' | | | | 2650 | 0 | | |
| | | 18-24 | | | | 2650 | 0 | | |
| | 11th August 2014 to 17th August 2014 | 00-06 | 2650 | 0 | 2650 | 2512 | 138 | | |
| | | 18-24 | | | | 2577 | 73 | | |
| ER-SR | 18th August 2014 | 00-06 | 2650 | 0 | 2650 | 2512 | 138 | | |
| | | 18-18:15 | | | | 2650 | 0 | | |
| | | 18:15-24 | | | | 2577 | 73 | | |
| | 19th August 2014 | 00-06 | 2650 | 0 | 2650 | 2512 | 138 | | |
| | | 18-24 | | | | 2577 | 73 | | |
| | 20th August 2014 to 23rd August 2014 | 00-06 | 2650 | 0 | 2650 | 2585 | 65 | | |
| | | 06-18' | | | | 2577 | 73 | | |
| | | 18-24 | | | | 2650 | 0 | | |
| | | 08-18' | | | | 2650 | 0 | | |
| | 24th August 2014 to 31st August 2014 | 00-06 | 2650 | 0 | 2650 | 2512 | 138 | | |
| | | 18-24 | | | | 2577 | 73 | | |
| | 06-18' | | | | | | | | |
| | SR-ER * | 1st August 2014 to 31st August 2014 | 00-24 | No limit is being Specified. | | | | | |
| ER-NER | 1st August 2014 to 6th August 2014 | 00-17 | 645 | 50 | 595 | 205 | 390 | | |
| | | 23-24 | 600 | | 550 | | 345 | | |
| | 7th August 2014 | 00-07 | 645 | 50 | 595 | 205 | 390 | | |
| | | 07-17' | 420 | | 370 | | 165 | | |
| | | 17-23 | 420 | | 370 | | 165 | | |
| | | 23'-24 | 420 | | 370 | | 165 | | |
| | 8th August 2014 | 00-17 | 420 | 50 | 370 | 205 | 165 | | |
| | | 17-23 | 420 | | 370 | | 165 | | |
| | | 23-24 | 420 | | 370 | | 165 | | |
| | 9th August 2014 | 00-17 | 420 | 50 | 370 | 205 | 165 | | |
| | | 17-23' | 600 | | 550 | | 345 | | |
| | | 23-24 | 645 | | 595 | | 390 | | |
| | 10th August 2014 to 18th August 2014 | 00-17 | 645 | 50 | 595 | 205 | 390 | | |
| | | 23-24 | 600 | | 550 | | 345 | | |
| | 19th August 2014 | 00-08 | 645 | 50 | 595 | 205 | 390 | | |
| | | 08-09 | 400 | 50 | 350 | 205 | 145 | | |
| | | 09-15 | 645 | 50 | 595 | 205 | 390 | | |
| | | 15-16 | 400 | 50 | 350 | 205 | 145 | | |
| | | 16-17 | 645 | 50 | 595 | 205 | 390 | | |
| | | 17-23 | 600 | 50 | 550 | 205 | 345 | | |
| 20th August 2014 to 31st August 2014 | 00-17 | 645 | 50 | 595 | 205 | 390 | | | |
| | 23-24 | 600 | | 550 | | 345 | | | |
| 1st August 2014 to 6th August 2014 | 00-17 | 500 | 100 | 400 | 0 | 400 | | | |
| | 17-23 | 490 | | 390 | | 390 | | | |

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

Issue Date: 29/08/2014

Issue Time: 1200 hrs

Revision No. 20

| 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 | 7th August 2014 | 00-07 | 500 | 100 | 400 | 0 | 400 | | |
| | | 07-17 | 270 | | 170 | | 170 | | |
| | | 17-23 | 240 | | 140 | | 140 | | |
| | | 23-24 | 270 | | 170 | | 170 | | |
| | 8th August 2014 | 00-17 | 270 | 100 | 170 | 0 | 170 | | |
| | | 17-23 | 240 | | 140 | | 140 | | |
| | | 23-24 | 270 | | 170 | | 170 | | |
| | 9th August 2014 | 00-17 | 270 | 100 | 170 | 0 | 170 | | |
| | | 17-23 | 490 | | 390 | | 390 | | |
| | 10th August 2014 to 18th August 2014 | 23-24 | 500 | 100 | 400 | 0 | 400 | | |
| | | 00-17 | 500 | | 400 | | 400 | | |
| | | 17-23 | 490 | | 390 | | 390 | | |
| NER-ER | 19th August 2014 | 00-08 | 500 | 100 | 400 | 0 | 400 | | |
| | | 08-09 | 320 | 100 | 220 | 0 | 220 | | |
| | | 09-15 | 500 | 100 | 400 | 0 | 400 | | |
| | | 15-16 | 320 | 100 | 220 | 0 | 220 | | |
| | | 16-17 | 500 | 100 | 400 | 0 | 400 | | |
| | 19th August 2014 | 17-23 | 490 | 100 | 390 | 0 | 390 | | |
| | | 23-24 | 500 | 100 | 400 | 0 | 400 | | |
| | 20th August 2014 to 31st August 2014 | 00-17 | 500 | 100 | 400 | 0 | 400 | | |
| 17-23 | | 490 | 390 | | 390 | | | | |
| S1-S2 | 1st August 2014 | 00-24 | 2415 | 295 | 2120 | 2525 | 0 | | |
| | 2nd August 2014 | 00-13 | 2415 | 295 | 2120 | 2525 | 0 | | |
| | | 13-24 | 2700 | | 2405 | | 0 | | |
| | 3rd August 2014 | 00-24 | 2700 | 295 | 2405 | 2525 | 0 | | |
| | 4th August 2014 | 00-24 | 2700 | 295 | 2405 | 2614 | 0 | | |
| | 5th August 2014 | 00-12 | 3030 | 295 | 2735 | 2527 | 208 | | |
| | | 12-24 | 2750 | | 2455 | 2527 | 0 | | |
| | 6th August 2014 to 8th August 2014 | 00-24 | 2750 | 295 | 2455 | 2527 | 0 | | |
| | 9th August 2014 | 06-17 | 1965 | 295 | 1670 | 2761 | 0 | | |
| | | 00-06 17-23 | 2750 | 295 | 2455 | 2761 | 0 | | |
| | | 2030-24 | 2415 | 295 | 2120 | 2761 | 0 | | |
| | 10th August 2014 | 00-530 | 2415 | 295 | 2120 | 2761 | 0 | | |
| | | 530-18 | 2415 | | 2120 | | | | |
| | | 18-23 | 2415 | | 2120 | | | | |
| | | 23-24 | 2750 | | 2455 | | | | |
| | 11th August 2014 | 00-24 | 2750 | 295 | 2455 | 2761 | 0 | | |
| | 12th August 2014 to 14th August 2014 | 00-24 | 2750 | 295 | 2455 | 2761 | 0 | | |
| | 15th August 2014 | 00-24 | 3000 | 295 | 2705 | 2848 | 0 | | |
| | 16th August 2014 | 00-21 | 3000 | 295 | 2705 | 2848 | 0 | | |
| | | 21-24 | 3250 | 295 | 2955 | 2848 | 107 | | |
| | 17th August 2014 | 00-06 | 3250 | 295 | 2955 | 2848 | 107 | | |
| | | 06-18 | 2500 | | 2205 | 2848 | 0 | | |
| | | 18-24 | 3250 | | 2955 | 2848 | 107 | | |
| 18th August 2014 | 00-12 | 3250 | 295 | 2955 | 2848 | 107 | | | |
| | 12-24 | 3000 | 295 | 2705 | 2848 | 0 | | | |
| 19th August 2014 to 21st August 2014 | 00-24 | 3000 | 295 | 2705 | 2848 | 0 | | | |
| 22nd August 2014 | 00-24 | 3000 | 295 | 2705 | 2902 | 0 | | | |
| 23rd August 2014 to 31st August 2014 | 00-24 | 2970 | 295 | 2675 | 2891 | 0 | | | |

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

Issue Date: 29/08/2014

Issue Time: 1200 hrs

Revision No. 20

| 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 |
|-------------------------|-------------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| Import of Punjab | 1st August 2014 to 31st August 2014 | 00-24 | 5700 | 300 | 5400 | 3790 | 1610 | | |
| Import TTC for DD & DNH | 1st August 2014 to 31st August 2014 | 00-24 | 1200 | 0 | 1200 | LTA and MTOA as per ex-pp schedule | | | |
| W3 zone Injection | 1st August 2014 to 7th August 2014 | 00-17 23-24 | 9000 | 200 | 8800 | 7250 | 1550 | | |
| | | 17-23 | 9500 | | 9300 | | 2050 | | |
| | 8th August 2014 to 31st August 2014 | 00-17 23- | 9000 | 200 | 8800 | 6843 | 1957 | | |
| | | 17-23 | 9500 | | 9300 | | 2457 | | |

* 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).

\$ As per Simulations, predominant direction of flow is on West to North Corridor. Hence, in case injection point is in Western Region (W1,W2,W3), STOA/PX transactions from West to North on West-East-North corridor shall not be allowed as such transaction increases congestion in the West to North Corridor.

1) S1 comprises of AP and Karnataka; S2 comprises of Tamil Nadu, Kerala and Pondicherry

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

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 | High loading of 765 kV Agra-Gwalior (1250 MW SPS setting on each circuit of 765 kV Gwalior-Agra) and Loop flows on 400kV Kankroli-Zerda and 400kV Bhinmal-Zerda (power flowing from WR to NR on 765kV) |
| NR-ER | (n-1) contingency of 400 kV Allahabad-Pusauli |
| ER-NR | High loading of 765 kV Agra-Gwalior (1250 MW SPS setting on each circuit of 765 kV Gwalior-Agra) due to |
| W3-ER | (n-1) contingency of 400kV Sterlite-Rourkela S/C |
| ER-W3 | (n-1) contingency of 400kV Raigarh-Jharsuguda-Rourkela |
| WR-SR & ER-SR | 1. (n-1) contingency of 400kV Parli(PG)-Sholapur(PG) D/C 2. ER-SR TTC has been declared assuming more than 1100 MW generation at Talcher Stage-2. In case |
| ER-NER | (n-1) contingency of 400 kV Balipara – Bongaigaon D/C leading to thermal loading of 220kV BTPS-Agia S/C |
| NER-ER | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa |
| S1-S2 | (n-1) contingency of 400 kV Kolar-Hosur D/C |
| Import of DD & DNH | (n-1) contingency of 400/220kV 315MVA ICT at VAPI |
| Import of Punjab | (n-1) contingency of ICT at Dhuri and (n-1) contingency of 220kV Moga(PG)-Moga(PSTCL) |
| W3 zone Injection | (n-1-1) contingency of 400 kV Raipur-Bhadrawati D/C section and High loading of 400kV Raipur-Wardha (800 MW SPS setting on each circuit of 400kV Raipur-Wardha) |

*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 | | | | | | | | | |
| NR | 1st August 2014 | 00-17 | 8300 | 800 | 7500 | 6811 | 689 | | |
| | | 23-24 | 8300 | | 7500 | | 689 | | |
| | | 17-23 | 8300 | | 7500 | | 689 | | |
| | 2nd August 2014 | 00-17 | 8300 | 800 | 7500 | 6811 | 689 | | |
| | | 23-24 | 7350 | | 6550 | | 0 | | |
| | 3rd August 2014 to 27th August 2014 | 00-17 | 8300 | 800 | 7500 | 6811 | 689 | | |
| | | 23-24 | 8300 | | 7500 | | 689 | | |
| | 29th August 2014 to 31st August 2014 | 00-17 | 7800 | 800 | 7000 | 6811 | 189 | -500 | Revised considering large reduction in generation at APL Mundra and constraints/line loadings in Gujarat Network. |
| 23-24 | | 7800 | 7000 | | 189 | | | | |
| NER | 1st August 2014 to 6th August 2014 | 00-17 | 645 | 50 | 595 | 205 | 390 | | |
| | | 23-24 | 600 | | 550 | | 345 | | |
| | | 17-23 | 645 | | 595 | | 390 | | |
| | 7th August 2014 | 00-07 | 420 | 50 | 370 | 205 | 165 | | |
| | | 07-17 | 420 | | 370 | | 165 | | |
| | | 17-23 | 420 | | 370 | | 165 | | |
| | | 23-24 | 420 | | 370 | | 165 | | |
| | 8th August 2014 | 00-17 | 420 | 50 | 370 | 205 | 165 | | |
| | | 17-23 | 420 | | 370 | | 165 | | |
| | | 23-24 | 420 | | 370 | | 165 | | |
| | 9th August 2014 | 00-17 | 420 | 50 | 370 | 205 | 165 | | |
| | | 17-23 | 600 | | 550 | | 345 | | |
| | | 23-24 | 645 | | 595 | | 390 | | |
| | 10th August 2014 to 18th August 2014 | 00-17 | 645 | 50 | 595 | 205 | 390 | | |
| | | 23-24 | 600 | | 550 | | 345 | | |
| | | 17-23 | 645 | | 595 | | 390 | | |
| | 19th August 2014 | 00-08 | 645 | 50 | 595 | 205 | 390 | | |
| | | 08-09 | 400 | 50 | 350 | | 145 | | |
| | | 09-15 | 645 | 50 | 595 | | 390 | | |
| | | 15-16 | 400 | 50 | 350 | | 145 | | |
| 16-17 | | 645 | 50 | 595 | 390 | | | | |
| 17-23 | | 600 | 50 | 550 | 345 | | | | |
| 23-24 | | 645 | 50 | 595 | 390 | | | | |
| 20th August 2014 to 31st August 2014 | 00-17 | 645 | 50 | 595 | 205 | 390 | | | |
| | 23-24 | 600 | | 550 | | 345 | | | |
| | 17-23 | 645 | | 595 | | 390 | | | |
| WR | | | | | | | | | |
| SR | 1st August 2014 to 7th August 2014 | 00-06 | 4750 | 750 | 4000 | 3419 | 581 | | |
| | | 18-24 | 4750 | | 4000 | | 536 | | |
| | 8th August 2014 | 00-06 | 4750 | 750 | 4000 | 3419 | 581 | | |
| | | 18-24 | 4750 | | 4000 | | 516 | | |
| | 9th August 2014 to 10th August 2014 | 00-06 | 4750 | 750 | 4000 | 3862 | 138 | | |
| | | 06-09 | 4750 | | 4000 | | 73 | | |
| | | 09-18 | 4350 | | 3600 | | 0 | | |
| | | 18-24 | 4350 | | 3600 | | 0 | | |
| | 11th August 2014 to 17th August 2014 | 00-06 | 4750 | 750 | 4000 | 3862 | 138 | | |
| | | 18-24 | 4750 | | 4000 | | 73 | | |
| | 18th August 2014 | 00-06 | 4750 | 750 | 4000 | 3862 | 138 | | |
| | | 18-18:15 | 4400 | | 3650 | | 0 | | |
| | | 18:15-24 | 4750 | | 4000 | | 73 | | |
| | 19th August 2014 | 00-06 | 4750 | 750 | 4000 | 3862 | 138 | | |
| | | 18-24 | 4750 | | 4000 | | 73 | | |
| | 20th August 2014 to 23rd August 2014 | 00-06 | 4750 | 750 | 4000 | 3862 | 138 | | |
| | | 06-08 | 4750 | | 4000 | | 73 | | |
| | | 08-18 | 4250 | | 3500 | | 0 | | |
| | | 18-24 | 4250 | | 3500 | | 0 | | |
| | 24th August 2014 to 31st August 2014 | 00-06 | 4750 | 750 | 4000 | 3862 | 138 | | |
| 18-24 | | 4750 | 4000 | | 73 | | | | |

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 August 2014 to 7th August 2014 | 00-06 | 3500 | 700 | 2800 | 590 | 2210 | | |
| | | 06-17' | | | 2800 | 635 | 2165 | | |
| | | 17-18' | 3600 | | 2900 | 635 | 2265 | | |
| | | 18-23 | | | 2900 | 590 | 2310 | | |
| | 23-24 | 3500 | 2800 | 590 | 2210 | | | | |
| | 8th August 2014 to 31st August 2014 | 00-06 | 3500 | 700 | 2800 | 944 | 1856 | | |
| | | 06-17' | | | 2800 | 1009 | 1791 | | |
| | | 17-18' | 3600 | | 2900 | 1009 | 1891 | | |
| 18-23 | | 2900 | | | 944 | 1956 | | | |
| 23-24 | 3500 | 2800 | 944 | 1856 | | | | | |
| NER | 1st August 2014 to 6th August 2014 | 00-17 | 500 | 100 | 400 | 0 | 400 | | |
| | | 17-23 | 490 | | 390 | | 390 | | |
| | 7th August 2014 | 00-07 | 500 | 100 | 400 | 0 | 400 | | |
| | | 07-17 | 270 | | 170 | | 170 | | |
| | | 17-23 | 240 | | 140 | | 140 | | |
| | | 23-24 | 270 | | 170 | | 170 | | |
| | 8th August 2014 | 00-17 | 270 | 100 | 170 | 0 | 170 | | |
| | | 17-23 | 240 | | 140 | | 140 | | |
| | | 23-24 | 270 | | 170 | | 170 | | |
| | 9th August 2014 | 00-17 | 270 | 100 | 170 | 0 | 170 | | |
| | | 17-23 | 490 | | 390 | | 390 | | |
| | 10th August 2014 to 18th August 2014 | 00-17 | 500 | 100 | 400 | 0 | 400 | | |
| | | 17-23 | 490 | | 390 | | 390 | | |
| | 19th August 2014 | 00-08 | 500 | 100 | 400 | 0 | 400 | | |
| | | 08'-09 | 320 | 100 | 220 | | 220 | | |
| | | 09'-15 | 500 | 100 | 400 | | 400 | | |
| | | 15-16 | 320 | 100 | 220 | | 220 | | |
| | | 16-17 | 500 | 100 | 400 | | 400 | | |
| | | 17-23 | 490 | 100 | 390 | | 390 | | |
| | 20th August 2014 to 31st August 2014 | 00-17 | 500 | 100 | 400 | 0 | 400 | | |
| 17-23 | | 490 | 390 | | 390 | | | | |
| WR | | | | | | | | | |
| SR * | 1st August 2014 to 31st August 2014 | 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 | High loading of 765 kV Agra-Gwalior (1250 MW SPS setting on each circuit of 765 kV Gwalior-Agra) due to transit |
| | Export | High loading of 765 kV Agra-Gwalior (1250 MW SPS setting on each circuit of 765 kV Gwalior-Agra) and high loop (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. |
| NER | Import | (n-1) contingency of 400 kV Allahabad-Pusauli |
| | Export | (n-1) contingency of 400 kV Balipara – Bongaigaon D/C leading to thermal loading of 220kV BTPS-Agia S/C |
| SR | Import | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa |
| | Export | 1. (n-1) contingency of 400kV Parli(PG)-Sholapur(PG) D/C 2. ER-SR TTC has been declared assuming more than 1100 MW generation at Talcher Stage-2. In case Talcher Stage- |

National Load Despatch Centre
Total Transfer Capability for August 2014

| Revision No | Date of Revision | Period of Revision | Reason for Revision | Corridor Affected |
|-------------|------------------|---------------------|--|---------------------------------|
| 1 | 26-05-2014 | Whole Month | Refer to explanatory notes regarding the change in TTC representation given in the last page. | ER-SR/ S1-S2 |
| | | | Re-Routing of transactions on West-East-North Corridor discontinued on account of Inter-Regional Loop flows leading to physical congestion on WR-NR | W3-ER |
| 2 | 13-06-2014 | Whole Month | Revised due to change in Load Generation Balance and Commissioning of Sasan Unit-1. | WR-NR |
| 3 | 26-07-2014 | Whole Month | Revised due to commissioning of contingency arrangement of one 500 MW Vindhyachal (Unit-12) with 400kV Vindhyachal-Rihand line. | WR-NR |
| | | | Revised due to change in Load generation Balance and Transit flows on ER-WR-NR. | ER-NR |
| | | | Revised due to commissioning of 765kV Sholapur-Raichur Circuit-2 and 765kV Wardha-Aurangabad D/C. | WR-SR |
| | | | Revised considering (a) 800MW generation at Vallur (b) 2nd Unit at NCTPS. | S1-S2 |
| | | | Revised due to commissioning of 400/220KV 2X315MVA ICT at Kala S/S along with 220kV Kala-Sayali and 220KV Kala-Khadoli lines | Import of DD & DNH |
| | | | Revised due to change in Load-Generation balance and major network change due to commissioning of 400/220 kV Azara (Kukurmara) substation. | ER-NER |
| | | | Revised due to augmentation/ modifications in Punjab control area network. | Import of Punjab |
| 4 | 30-07-2014 | Whole Month | Revised based on further simulation. The LTA/MTOA figures are based on allocations, Talcher-II planned outage and the meetings on TTC/ATC taken by CTU on 24th and 30th Jul 2014. Any margins on account of less LTA/MTOA would be offered on day ahead basis. | WR-SR/ ER-SR |
| | | | STOA Margin revised due change in LTA/ MTOA/ Allocation. | ER-SR/ S1-S2 |
| 5 | 02-08-2014 | 02-08-2014 | Revised due to Emergency shutdown of Rihand-Dadri Pole-2 | WR-NR |
| | | 02/08/14 - 03/08/14 | Revised due to tripping of NCTPS Unit-1 | S1-S2 |
| 6 | 03-08-2014 | 04/08/14 - 05/08/14 | Revised due to extended outage of NCTPS Unit-1 | S1-S2 |
| 7 | 04-08-2014 | 05/08/14 - 31/08/14 | Revised considering 400kV Tiruvalam-Kalivendapattu D/C and 400kV Kalivendapattu-Pugalur circuit-1 | S1-S2 |
| 8 | 06-08-2014 | 07/08/14 - 09/08/14 | Revised due to shutdown of 400 kV Balipara - Bongaigaon ckt 1 | ER - NER/ NER -ER |
| 9 | 07-08-2014 | 08/08/14- 31/08/14 | STOA Margin revised due to correction in LTA/MTOA figures. | NR-ER/ ER-SR/ W3 Zone Injeccion |
| 10 | 08-08-2014 | 09/08/2014 - | Revised due to shutdown of 400 kV Kolar - Hosur D/C line on daily basis on account of stringing works of 765 kV Dharmapuri- Madhugiri | S1-S2 |
| | | 10/08/2014 | Revised due to shutdown of 400 kV Ramagundam-Bhadravati ckt-2 | WR-SR |

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

| Revision No | Date of Revision | Period of Revision | Reason for Revision | Corridor Affected |
|--------------------|-------------------------|-------------------------------|---|--------------------------|
| 11 | 09-08-2014 | 09/08/14-10/08/14 | Revised due to tripping of 400kV Kalivindapattu - Pugalur - 1 and cancellation of 400kV Kolar-Hosur D/C shutdown. | S1-S2 |
| 12 | 10-08-2014 | 11-08-2014 | Revised due to expected revival of 400kV Kalivindapattu - Pugalur ckt-1 | S1-S2 |
| 13 | 10-08-2014 | 10-08-2014 - 11/08/2014 | Revised due to restoration of 400kV Kalivindapattu - Pugalur ckt-1 | S1-S2 |
| 14 | 15-08-2014 | 17-08-2014 | Revised due to shutdown of 400 kV Kolar - Hosur D/C line on account of stringing works of 765 kV Dharmapuri-Madhugiri | S1-S2 |
| 15 | 16-08-2014 | 16/08/14 - 18/08/14 | Revised due to NCTPS-II Unit-1 Outage due to Boiler Tube leakage | S1-S2 |
| 16 | 18-08-2014 | 19-08-2014 | Revised due to the shutdown of 400 kV Balipara - Bongaigaon-II. | ER-NER NER-ER |
| 17 | 18-08-2014 | 18-08-2014 | Revised due to the breakdown of 400 kV Sholapur(MSEB)-parli(MSEB) S/C | WR - SR |
| 18 | 19-08-2014 | 20/08/2014 - 23/08/2014 | Revised due to shutdown of Bhadrawati HVDC Pole-1 on 20th, 21st and Pole-2 on 22nd, 23rd. | WR - SR |
| 19 | 21-08-2014 | 22/08/2014 - 31/08/2014 | LTA/MTOA quantum revised due to revival of Ramagundam Unit-7 & outage of Simhadri unit-4. | S1-S2 |
| 20 | 29-08-2014 | 28/08/2014 - 31/08/2014 | Revised considering large reduction in generation at APL Mundra and constraints/line loadings in Gujarat Network. | WR-NR |

ASSUMPTIONS IN BASECASE

Month : Aug '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 | 8684 | 8580 | 2899 | 2882 |
| 2 | Haryana | 7640 | 7545 | 3372 | 3372 |
| 3 | Rajasthan | 7336 | 7246 | 5231 | 5267 |
| 4 | Delhi | 4819 | 4516 | 1296 | 1296 |
| 5 | Uttar Pradesh | 11500 | 11688 | 6015 | 5961 |
| 6 | Jammu & Kashmir | 2082 | 1961 | 576 | 568 |
| 7 | Uttarakhand | 1696 | 1577 | 887 | 834 |
| 8 | Himachal Pradesh | 1449 | 1431 | 849 | 830 |
| 9 | Chandigarh | 283 | 201 | 0 | 0 |
| 10 | ISGS/PPs | | | 19407 | 18615 |
| | Total NR | 45489 | 44745 | 40532 | 39625 |
| | | | | | |
| II | EASTERN REGION | | | | |
| 1 | West Bengal | 6713 | 5052 | 4765 | 3347 |
| 2 | Jharkhand | 1059 | 753 | 365 | 365 |
| 3 | Orissa | 3700 | 3261 | 3049 | 2512 |
| 4 | Bihar | 2167 | 1706 | 80 | 80 |
| 5 | Damodar Valley Corporation | 2325 | 2308 | 3524 | 3029 |
| 6 | Sikkim | 85 | 50 | 0 | 0 |
| 7 | Bhutan | 108 | 108 | 1425 | 1425 |
| 8 | ISGS/PPs | 300 | 300 | 9298 | 9070 |
| | Total ER | 16457 | 13538 | 22506 | 19828 |
| | | | | | |
| III | WESTERN REGION | | | | |
| 1 | Chattisgarh | 2767 | 2215 | 1732 | 1326 |
| 2 | Madhya Pradesh | 6327 | 4793 | 4795 | 3686 |
| 3 | Maharashtra | 16000 | 12658 | 10208 | 6620 |
| 4 | Gujarat | 12030 | 9845 | 9648 | 7181 |
| 5 | Goa | 432 | 310 | | |
| 6 | Daman and Diu | 284 | 191 | | |
| 7 | Dadra and Nagar Haveli | 681 | 632 | | |
| 8 | ISGS/PPs | 1255 | 1255 | 18016 | 17237 |
| | Total WR | 39776 | 31899 | 44399 | 36050 |
| | | | | | |

ASSUMPTIONS IN BASECASE

Month : Aug '14

| 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 | 10892 | 9690 | 8223 | 6905 |
| 2 | Tamil Nadu | 11102 | 9769 | 7303 | 5712 |
| 3 | Karnataka | 7629 | 6617 | 7055 | 5681 |
| 4 | Kerala | 2963 | 2328 | 1651 | 1094 |
| 5 | Pondy | 310 | 274 | 0 | 0 |
| 6 | Goa | 80 | 80 | 0 | 0 |
| 7 | ISGS/IPPs | | | 8979 | 8978 |
| | Total SR | 32976 | 28758 | 33211 | 28370 |
| | | | | | |
| V | NORTH-EASTERN REGION | | | | |
| 1 | Arunachal Pradesh | 95 | 63 | | |
| 2 | Assam | 1083 | 829 | 250 | 220 |
| 3 | Manipur | 110 | 77 | | |
| 4 | Meghalaya | 260 | 182 | 210 | 120 |
| 5 | Mizoram | 75 | 52 | 12 | 4 |
| 6 | Nagaland | 100 | 77 | 24 | 18 |
| 7 | Tripura | 250 | 125 | 110 | 110 |
| 8 | ISGS/IPPs | | | 1310 | 966 |
| | Total NER | 1973 | 1405 | 1916 | 1438 |
| | | | | | |
| | Total All India | 136671 | 120345 | 142564 | 125311 |