

**National Load Despatch Centre  
Total Transfer Capability for March 2015**

Issue Date: 18/03/2015

Issue Time: 1315hrs

Revision No. 23

| 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 2015 to 31st March 2015   | 00-24             | 2500                            | 500                | 2000                                | 706  | 1294   |                                     |          |
| WR-NR                              | 1st March 2015 to 12th March 2015   | 00-24             | 4200                            | 500                | 3700                                | 4768   | 0  |                                     |          |
|                                    | 13th March 2015                     | 00-09'            | 4200                            | 500                | 3700                                | 4768   | 0  |                                     |          |
|                                    |                                     | 09-16'            | 3200                            |                    | 2700                                | 4768   | 0  |                                     |          |
|                                    |                                     | 16-24             | 4200                            |                    | 3700                                | 4768   | 0  |                                     |          |
| 14th March 2015 to 31st March 2015 | 00-24                               | 4200              | 500                             | 3700               | 4768                                | 0  |  |                                     |          |
| NR-ER*                             | 1st March 2015 to 31st March 2015   | 00-06<br>18-24    | 2000                            | 200                | 1800                                | 293  | 1507   |                                     |          |
|                                    |                                     | 06-18'            | 2000                            |                    | 1800                                | 358  | 1442   |                                     |          |
| ER-NR                              | 1st March 2015 to 11th March 2015   | 00-17<br>23-24    | 3100                            | 300                | 2800                                | 2431   | 369  |                                     |          |
|                                    |                                     | 17-23             | 3200                            |                    | 2900                                |  | 469  |                                     |          |
|                                    | 12th March 2015 to 22nd March 2015  | 00-17<br>23-24    | 2600                            | 300                | 2300                                | 2431   | 0  |                                     |          |
|                                    |                                     | 17-23             | 2600                            |                    | 2300                                |  | 0  |                                     |          |
|                                    | 23 rd March 2015 to 31st March 2015 | 00-17<br>23-24    | 3100                            | 300                | 2800                                | 2431   | 369  |                                     |          |
|                                    |                                     | 17-23             | 3200                            |                    | 2900                                |  | 469  |                                     |          |
| W3-ER <sup>§</sup>                 | 1st March 2015 to 4th March 2015    | 00-24             | 1800                            | 300                | 1500                                | 351  | 1149   |                                     |          |
|                                    | 5th March 2015 to 31st March 2015   | 00-24             | 1800                            | 300                | 1500                                | 583  | 917  |                                     |          |
| ER-W3                              | 1st March 2015 to 31st March 2015   | 00-24             | 1000                            | 300                | 700                                 | 874  | 0  |                                     |          |
| WR-SR##                            | 1st March 2015 to 31st March 2015   | 00-24             | 2100                            | 750                | 1350                                | 1350   | 0  |                                     |          |
| SR-WR *                            | 1st March 2015 to 31st March 2015   | 00-24             | No limit is being Specified.    |                    |                                     |  |  |                                     |          |
| ER-SR##                            | 1st March 2015 to 10th March 2015   | 00-06<br>18-24    | 2650                            | 0                  | 2650                                | 2585   | 65   |                                     |          |
|                                    |                                     | 06-18'            |                                 |                    |                                     | 2650   | 0  |                                     |          |
|                                    | 11th March 2015                     | 00-06             | 2650                            | 0                  | 2650                                | 2585   | 65   |                                     |          |
|                                    |                                     | 06-09'            | 2650                            |                    | 2650                                | 2650   | 0  |                                     |          |
|                                    |                                     | 09-18             | 2350                            |                    | 2350                                | 2650   | 0  |                                     |          |
|                                    |                                     | 18-24             | 2350                            |                    | 2350                                | 2585   | 0  |                                     |          |
|                                    | 12th March 2015 to 18th March 2015  | 00-06<br>18-24    | 2650                            | 0                  | 2650                                | 2585   | 65   |                                     |          |
|                                    |                                     | 06-18'            |                                 |                    |                                     | 2650   | 0  |                                     |          |
|                                    | 19th March 2015                     | 00-06<br>18-24    | 2650                            | 0                  | 2650                                | 2585   | 65   |                                     |          |
|                                    |                                     | 06-08'            |                                 |                    |                                     | 2650   | 0  |                                     |          |
|                                    |                                     | 08-18'            |                                 |                    |                                     | 2350   | 2350   | 0                                   | -300     |
|                                    | 20th March 2015 to 31st March 2015  | 00-06<br>18-24    | 2650                            | 0                  | 2650                                | 2585   | 65   |                                     |          |
| 06-18'                             |                                     | 2650              |                                 |                    |                                     | 0  |  |                                     |          |
| SR-ER *                            | 1st March 2015 to 31st March 2015   | 00-24             | No limit is being Specified.    |                    |                                     |  |  |                                     |          |

**National Load Despatch Centre  
Total Transfer Capability for March 2015**

Issue Date: 18/03/2015

Issue Time: 1315hrs

Revision No. 23

| Corridor | Date                               | Time Period (hrs)                 | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) # | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments   |
|----------|------------------------------------|-----------------------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|--|
| ER-NER   | 1st March 2015 to 31st March 2015  | 00-17<br>23-24                    | 650                             | 40                 | 610                                 | 210  | 400  |                                     |  |
|          |                                    | 17-23                             | 720                             |                    | 680                                 |  | 470  |                                     |  |
| NER-ER   | 1st March 2015 to 31st March 2015  | 00-17<br>23-24                    | 990                             | 30                 | 960                                 | 0  | 960  |                                     |  |
|          |                                    | 17-23                             | 1050                            | 40                 | 1010                                |  | 1010   |                                     |  |
|          |                                    |                                   |                                 |                    |                                     |  |  |                                     |  |
| S1-S2    | 1st March 2015                     | 00-10                             | 2875                            | 315                | 2560                                | 2535   | 25   |                                     |  |
|          |                                    | 10-13'                            | 2625                            |                    | 2310                                |  | 0  |                                     |  |
|          |                                    | 13-22                             | 2875                            |                    | 2560                                |  | 25   |                                     |  |
|          |                                    | 22-24                             | 3190                            |                    | 2875                                |  | 340  |                                     |  |
|          | 2nd March 2015 to 3rd March 2015   | 00-24                             | 3190                            | 315                | 2875                                | 2535   | 340  |                                     |  |
|          | 4th March 2015                     | 00-1530                           | 3190                            | 315                | 2875                                | 2535   | 340  |                                     |  |
|          |                                    | 1530-24                           | 3485                            | 315                | 3170                                | 2644   | 526  |                                     |  |
|          | 5th March 2015                     | 00-08                             | 3485                            | 315                | 3170                                | 2644   | 526  |                                     |  |
|          |                                    | 08-18'                            | 3335                            |                    | 3020                                |  | 376  |                                     |  |
|          |                                    | 18-24                             | 3485                            |                    | 3170                                |  | 526  |                                     |  |
|          | 6th March 2015                     | 00-24                             | 3485                            | 315                | 3170                                | 2644   | 526  |                                     |  |
|          | 7th March 2015                     | 00-09                             | 3485                            | 315                | 3170                                | 2644   | 526  |                                     |  |
|          |                                    | 09-19                             | 3340                            |                    | 3340                                | 2644   | 696  |                                     |  |
|          |                                    | 19-24                             | 3485                            |                    | 3170                                | 2644   | 526  |                                     |  |
|          | 8th March 2015 to 9th March 2015   | 00-24                             | 3485                            | 315                | 3170                                | 2644   | 526  |                                     |  |
|          | 10th March 2015                    | 00-12                             | 3485                            | 315                | 3170                                | 2644   | 526  |                                     |  |
|          |                                    | 12-24'                            | 3485                            |                    | 3170                                |  | 526  |                                     |  |
|          | 11th March 2015 to 12th March 2015 | 00-24                             | 3485                            | 315                | 3170                                | 2644   | 526  |                                     |  |
|          | 13th March 2015                    | 00-11                             | 3485                            | 315                | 3170                                | 2644   | 526  |                                     |  |
|          |                                    | 11-24                             | 3770                            |                    | 3455                                | 2752   | 703  |                                     |  |
|          | 14th March 2015                    | 00-08                             | 3485                            | 315                | 3170                                | 2644   | 526  |                                     |  |
|          |                                    | 08-24'                            | 3415                            |                    | 3100                                |  | 456  |                                     |  |
|          | 15th March 2015                    | 00-10                             | 3415                            | 315                | 3100                                | 2644   | 456  |                                     |  |
|          |                                    | 1000-1730                         | 3110                            |                    | 2795                                |  | 151  |                                     |  |
|          |                                    | 1730-2400                         | 3415                            |                    | 3100                                |  | 456  |                                     |  |
|          | 16th March 2015                    | 0000-1130                         | 3110                            | 315                | 2795                                | 2644   | 151  |                                     |  |
|          |                                    | 1130-2400                         | 3415                            |                    | 3100                                |  | 456  |                                     |  |
|          | 17th March 2015                    | 00-24                             | 3250                            | 315                | 2935                                | 2644   | 291  |                                     |  |
|          | 18th March 2015                    | 00-24                             | 3250                            | 315                | 2935                                | 2644   | 291  |                                     |  |
|          | 19th March 2015                    | 00-24                             | 3310                            | 315                | 2995                                | 2600   | 395  | 315                                 | Revised due to Mettur-III Unit-1 revival & NCTPS Unit-1 outage extension |
|          | 20th March 2015 to 31st March 2015 | 00-24                             | 3000                            | 315                | 2685                                | 2600   | 85   |                                     |  |
|          | Import of Punjab                   | 1st March 2015 to 31st March 2015 | 00-24                           | 5700               | 300                                 | 5400   | 3790   | 1610                                |  |

**National Load Despatch Centre  
Total Transfer Capability for March 2015**

Issue Date: 18/03/2015

Issue Time: 1315hrs

Revision No. 23

| 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 |
|------------------------------------|-----------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| <b>Import TTC for DD &amp; DNH</b> | 1st March 2015 to 31st March 2015 | 00-24             | 1200                            | 0                  | 1200                                | LTA and MTOA as per ex-pp schedule                       |  |                                     |          |
| <b>W3 zone Injection ##</b>        | 1st March 2015 to 4th March 2015  | 00-17             | 9400                            | 200                | 9200                                | 6862   | 2338   |                                     |          |
|                                    |                                   | 17-23             | 9900                            |                    | 9700                                |  | 2838   |                                     |          |
|                                    | 5th March 2015 to 31st March 2015 | 00-17             | 9400                            | 200                | 9200                                | 7094   | 2106   |                                     |          |
|                                    |                                   | 17-23             | 9900                            |                    | 9700                                |  | 2606   |                                     |          |

\* 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 Pondichery  
 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 Viduyt

## 232 MW MTOA w.e.f 01.03.2015 was approved by CTU. CERC vide order dated 16-02-2015 in petition no. 92/MP/2014 is under further implementation by CTU as per the timelines given in the order. Pending this any margins would be released for short term transactions on day ahead basis.

# 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   |
|-------------------------------|--|
| <b>NR-WR</b>                  | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak.   |
| <b>WR-NR</b>                  | High Loading of 400kV Singrauli-Anpara & High loading of 765 kV Agra-Gwalior (1250 MW SPS setting)   |
| <b>NR-ER</b>                  | (n-1) contingency of 400 kV Saranath-Pusaui  |
| <b>ER-NR</b>                  | (n-1) contingency of Kahalgaon-Banka S/C   |
| <b>W3-ER</b>                  | i. (n-1) Contingency of 400 kV MPL-Maithon S/C   |
| <b>ER-W3</b>                  | (n-1) contingency of 400kV Raigarh-Jharsuguda-Rourkela   |
| <b>WR-SR &amp; ER-SR</b>      | 1. (n-1) contingency of one circuit of 400kV Parli(PG)-Sholapur(PG)<br>2. ER-SR TTC has been declared assuming more than 1100 MW generation at Talcher Stage-2. In case Talcher Stage-2 generation goes below 1100 MW, then the ER-SR TTC would be revised downward as |
| <b>ER-NER</b>                 | (n-1) contingency of Kahalgaon-Banka S/C   |
| <b>NER-ER</b>                 | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other 400/220 kV,   |
| <b>S1-S2</b>                  | (n-1) contingency of one circuit of 400 kV Kolar-Hosur   |
| <b>Import of DD &amp; DNH</b> | (n-1) contingency of 400/220KV 315MVA ICT at VAPI  |
| <b>Import of Punjab</b>       | (n-1) contingency of ICT at Dhuri and (n-1) contingency of 220kV Moga(PG)-Moga(PSTCL)  |
| <b>W3 zone Injection</b>      | (n-1-1) contingency of 400 kV Raipur-Bhadrawati D/C section and High loading of 400kV Raipur-Wardha (850 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  |   |
|-------------|-------------------------------------|-----------------------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|---|---|
| <b>ER</b>   |                                     |                                   |                                 |                    |                                     |  |  |                                     |   |   |
| <b>NR</b>   | 1st March 2015 to 11th March 2015   | 00-17<br>23-24                    | 7300                            | 800                | 6500                                | 6811   | 0  |                                     |   |   |
|             |                                     | 17-23                             | 7400                            |                    | 6600                                |  | 0  |                                     |   |   |
|             | 12th March 2015                     | 00-17<br>23-24                    | 6800                            | 800                | 6000                                | 6811   | 0  |                                     |   |   |
|             |                                     | 17-23                             | 6800                            |                    | 6000                                |  | 0  |                                     |   |   |
|             | 13th March 2015                     | 00-09                             | 6800                            | 800                | 6000                                | 6811   | 0  |                                     |   |   |
|             |                                     | 09-16'                            | 5800                            |                    | 5000                                |  | 0  |                                     |   |   |
|             |                                     | 16-24                             | 6800                            |                    | 6000                                |  | 0  |                                     |   |   |
|             | 14th March 2015 to 22 nd March 2015 | 00-17<br>23-24                    | 6800                            | 800                | 6000                                | 6811   | 0  |                                     |   |   |
|             |                                     | 17-23                             | 6800                            |                    | 6000                                |  | 0  |                                     |   |   |
|             | 23rd March 2015 to 31st March 2015  | 00-17<br>23-24                    | 7300                            | 800                | 6500                                | 6811   | 0  |                                     |   |   |
|             |                                     | 17-23                             | 7400                            |                    | 6600                                |  | 0  |                                     |   |   |
|             | <b>NER</b>                          | 1st March 2015 to 31st March 2015 | 00-17<br>23-24                  | 650                | 40                                  | 610  | 210  | 400                                 |   |   |
|             |                                     |                                   | 17-23                           | 720                |                                     | 680  |  | 470                                 |   |   |
|             |                                     |                                   |                                 |                    |                                     |  |  |                                     |   |   |
| <b>WR</b>   |                                     |                                   |                                 |                    |                                     |  |  |                                     |   |   |
| <b>SR##</b> | 1st March 2015 to 10th March 2015   | 00-06<br>18-24                    | 4750                            | 750                | 4000                                | 3935   | 65   |                                     |   |   |
|             |                                     | 06-18'                            | 4750                            |                    | 4000                                |  | 4000   |                                     |   | 0 |
|             | 11th March 2015                     | 00-06                             | 4750                            | 750                | 4000                                | 3935   | 65   |                                     |   |   |
|             |                                     | 06-09'                            | 4750                            |                    | 4000                                |  | 4000   |                                     |   | 0 |
|             |                                     | 09-18'                            | 4450                            |                    | 3700                                |  | 4000   |                                     |   | 0 |
|             |                                     | 18-24                             | 4450                            |                    | 3700                                |  | 3935   |                                     |   | 0 |
|             | 12th March 2015 to 18th March 2015  | 00-06<br>18-24                    | 4750                            | 750                | 4000                                | 3935   | 65   |                                     |   |   |
|             |                                     | 06-18'                            | 4750                            |                    | 4000                                |  | 4000   |                                     |   | 0 |
|             |                                     |                                   |                                 |                    |                                     |  |  |                                     |   |   |
|             | 19th March 2015                     | 00-06<br>18-24                    | 4750                            | 750                | 4000                                | 3935   | 65   |                                     | Revised due to shutdown of 400 kV Jeypore - Indravati S/C |   |
|             |                                     | 06-08'                            | 4750                            |                    | 4000                                |  | 4000   |                                     |   | 0 |
|             |                                     | 08-18'                            | 4450                            |                    | 3700                                |  | 4000   |                                     |   | 0 |
|             | 20th March 2015 to 31st March 2015  | 00-06<br>18-24                    | 4750                            | 750                | 4000                                | 3935   | 65   |                                     |   |   |
|             |                                     | 06-18'                            | 4750                            |                    | 4000                                |  | 4000   |                                     |   | 0 |

## 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 2015 to 31st March 2015 | 00-06<br>18-24    | 4500                            | 700                | 3800                                | 999  | 2801   |                                     |          |
|          |                                   | 06-18'            |                                 |                    | 3800                                | 1064   | 2736   |                                     |          |
| NER      | 1st March 2015 to 31st March 2015 | 00-17<br>23-24    | 990                             | 30                 | 960                                 | 0  | 960  |                                     |          |
|          |                                   | 17-23             | 1050                            | 40                 | 1010                                |  | 1010   |                                     |          |
| WR       |                                   |                   |                                 |                    |                                     |  |  |                                     |          |
| SR *     | 1st March 2015 to 31st March 2015 | 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).

## 232 MW MTOA w.e.f 01.03.2015 was approved by CTU. CERC vide order dated 16-02-2015 in petition no. 92/MP/2014 is under further implementation by CTU as per the timelines given in the order. Pending this any margins would be released for short term transactions on day ahead basis.

## Limiting Constraints

|     |        |   |
|-----|--------|---|
| NR  | Import | (n-1) contingency of Kahalgaon-Banka S/C<br>High loading of 765 kV Agra-Gwalior (1250 MW SPS setting on each circuit of 765 kV Gwalior-Agra) and high loop flows on 400kV Kankroli-Zerda and 400kV Bhinmal-Zerda (power flowing from WR to NR on 765kV Gwalior-Agra D/C and from NR to WR on 400kV Kankroli-Zerda and 400kV Bhinmal-Zerda). |
|     | Export | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak.<br>(n-1) contingency of 400 kV Saranath-Pusauli  |
| NER | Import | (n-1) contingency of Kahalgaon-Banka S/C  |
|     | Export | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa  |
| SR  | Import | 1. (n-1) contingency of one circuit of 400kV Parli(PG)-Sholapur(PG)<br>2. ER-SR TTC has been declared assuming more than 1100 MW generation at Talcher Stage-2. In case Talcher Stage-2 generation goes below 1100 MW, then the ER-SR TTC would be revised downward as constraints within ER would emerge.                                  |

\*Primary constraints

**National Load Despatch Centre  
Total Transfer Capability for March 2015**

| Revision No | Date of Revision | Period of Revision      | Reason for Revision   | Corridor Affected   |
|-------------|------------------|-------------------------|---|---------------------|
| 1           | 29-12-2014       | Whole Month             | Margin revised due to change in LTA/MTOA.   | NR-WR/ ER-W3/ W3-ER |
|             |                  |                         | Margin revised due to COD of Sasan Unit-5.  | WR-NR               |
| 2           | 12-02-2015       | Whole Month             | Margin revised due to cancellation of LTA/MTOA  | NR-WR/ ER-W3        |
| 3           | 23-02-2015       | Whole Month             | Revised considering the LGBR changes given by constituents in 104th SRPC OCC meeting, Kudankulam Unit-1 and Energen Unit-1 Commissioning. | S1-S2               |
| 4           | 25-02-2015       | Whole Month             | Revised due to Commissioning of Vallur Unit-3.  | S1-S2               |
|             |                  |                         | Revised considering full generation at Rihand/Singrauli complex.  | WR-NR               |
| 5           | 28-02-2015       | 01-03-2015              | Revised due to shutdown of 400kV Pugalur-Kalivendapattu Ckt-2   | S1-S2               |
|             |                  | Whole month             | Revised due to commissioning of new transmission elements in NER.   | ER-NER/ NER-ER      |
| 6           | 01-03-2015       | 1/3/2015 - 10/3/2015    | Revised due to NCTPS Unit-1 Outage.   | S1-S2               |
| 7           | 03-03-2015       | 5/3/2015 - 31/3/2015    | STOA Margin revised due to grant of MTOA from Chattisgarh to KSEB by CTU.   | W3 Zone/ W3-ER      |
|             |                  | 05-03-2015              | Revised due to 220kV Kadakola - Kaniyampeta Shutdown.   | S1-S2               |
| 8           | 04-03-2015       | 04/03/2015 - 07/03/2015 | Revised due to outage of Vallur Unit - 2  | S1-S2               |
| 9           | 06-03-2015       | 07-03-2015              | Revised due to shutdown of 400kV Cudappah - Chitoor-Sriperumbudur S/C.  | S1-S2               |
| 10          | 07-03-2015       | 08-03-2015 - 10-03-2015 | Revised due to extension of outage of Vallur Unit-2   | S1-S2               |
| 11          | 09-03-2015       | 10-03-2015 - 12-03-2015 | Revised due to extension of Vallur Unit-2 outage and synchronisation of NCTPS Stage-2 Unit -1   | S1-S2               |
| 12          | 10-03-2015       | 11-03-2015              | Revised due to shutdown of 400 kV Indravati - Jeypore S/C   | ER-SR               |
| 13          | 10-03-2015       | 11-03-2015              | Revised due to extension of outage of Vallur unit 2 and NCTPS stage 2 unit 1.   | S1-S2               |
| 14          | 11-03-2015       | 12-03-2015 - 22-03-2015 | Revised due to the shutdown of 400 kV Biharshariff-Lakhisarai D/C   | ER-NR               |
| 15          | 12-03-2015       | 13-03-2015              | Revised due to shutdown of HVDC Mundra - Mahendragarh pole 1  | WR-NR               |
|             |                  | 13-03-2015-16-03-2015   | Revised due to extension of Vallur Unit-2 and outage of NCTPS Stage-2 Unit -1   | S1-S2               |
|             |                  | 17-03-2015              | Revised due to extension of NCTPS Stage-2 Unit -1 outage & Less generation at Vallur  |                     |
|             |                  | 18-03-2015 - 31-03-2015 | Revised due to revival of NCTPS Stage-2 Unit -1 & less generation Vallur  |                     |
| 16          | 13-03-2015       | 13-03-2015              | Revised due to outage of Vallur unit 3  | S1-S2               |
|             |                  | 14-03-2015 - 18-03-2015 | Revised due to shutdown of 400kV Kurnool-Tiruvalam D/C.   |                     |

**National Load Despatch Centre  
Total Transfer Capability for March 2015**

| <b>Revision No</b> | <b>Date of Revision</b> | <b>Period of Revision</b> | <b>Reason for Revision</b>  | <b>Corridor Affected</b> |
|--------------------|-------------------------|---------------------------|---|--------------------------|
| 17                 | 15-03-2015              | 15-03-2015 - 17-03-2015   | Revised due to synchronisation of NCTPS Unit-1                                    | S1-S2                    |
| 18                 | 15-03-2015              | 15-03-2015                | Revised due to outage of NCTPS-II Unit-1  | S1-S2                    |
| 19                 | 16-03-2015              | 16-03-2015                | Revised due to outage of NCTPS-II Unit-1  | S1-S2                    |
| 20                 | 16-03-2015              | 17-03-2015                | Revised due to extension of outage of Vallur unit-3                               | S1-S2                    |
| 21                 | 16-03-2015              | 17-03-2015 - 18-03-2015   | Revised due to extension of Outage of NCTPS Unit-1 & Outage of Mettur-III Unit-1. | S1-S2                    |
| 22                 | 17-03-2015              | 18-03-2015                | Revised due to extension of outage of Vallur unit 3                               | S1-S2                    |
|                    |                         | 19-03-2015                | Revised due to extensions of the outages of Vallur unit 3 & Mettur-III unit 1     |                          |
| 23                 | 18-03-2015              | 19-03-2015                | Revised due to shutdown of 400 kV Jeypore - Indravati S/C                         | ER-SR                    |
|                    |                         |                           | Revised due to Mettur-III Unit-1 revival & NCTPS Unit-1 outage extension          | S1-S2                    |

## ASSUMPTIONS IN BASECASE

Month : Mar '15

| S.No.      | Name of State/Area         | Load           |                    | Generation   |               |
|------------|----------------------------|----------------|--------------------|--------------|---------------|
|            |                            | Peak Load (MW) | Off Peak Load (MW) | Peak (MW)    | Off Peak (MW) |
| <b>I</b>   | <b>NORTHERN REGION</b>     |                |                    |              |               |
| 1          | Punjab                     | 4960           | 3131               | 2800         | 2520          |
| 2          | Haryana                    | 5400           | 3758               | 1864         | 1677          |
| 3          | Rajasthan                  | 9200           | 8267               | 4974         | 4974          |
| 4          | Delhi                      | 3600           | 1700               | 935          | 935           |
| 5          | Uttar Pradesh              | 10650          | 11162              | 5443         | 5443          |
| 6          | Jammu & Kashmir            | 1850           | 1994               | 244          | 244           |
| 7          | Uttarakhand                | 1650           | 1115               | 507          | 190           |
| 8          | Himachal Pradesh           | 1186           | 812                | 177          | 64            |
| 9          | Chandigarh                 | 189            | 97                 | 0            | 0             |
| 10         | ISGS/PPs                   |                |                    | 15776        | 10793         |
|            | <b>Total NR</b>            | <b>38685</b>   | <b>32036</b>       | <b>32720</b> | <b>26840</b>  |
|            |                            |                |                    |              |               |
| <b>II</b>  | <b>EASTERN REGION</b>      |                |                    |              |               |
| 1          | West Bengal                | 5218           | 5202               | 3734         | 3802          |
| 2          | Jharkhand                  | 985            | 749                | 427          | 435           |
| 3          | Orissa                     | 3677           | 2354               | 1597         | 1625          |
| 4          | Bihar                      | 2216           | 1605               | 104          | 106           |
| 5          | Damodar Valley Corporation | 2561           | 2354               | 3211         | 3269          |
| 6          | Sikkim                     | 79             | 43                 |              |               |
| 7          | Bhutan                     | 107            | 107                | 110          | 110           |
| 8          | ISGS/PPs                   | 513            | 511                | 8144         | 8100          |
|            | <b>Total ER</b>            | <b>15356</b>   | <b>12925</b>       | <b>17327</b> | <b>17447</b>  |
|            |                            |                |                    |              |               |
| <b>III</b> | <b>WESTERN REGION</b>      |                |                    |              |               |
| 1          | Chattisgarh                | 3117           | 2765               | 1915         | 2062          |
| 2          | Madhya Pradesh             | 10300          | 5308               | 5801         | 1000          |
| 3          | Maharashtra                | 20963          | 13907              | 16531        | 8763          |
| 4          | Gujarat                    | 11198          | 10475              | 8946         | 7757          |
| 5          | Goa                        | 425            | 339                |              |               |
| 6          | Daman and Diu              | 262            | 252                |              |               |
| 7          | Dadra and Nagar Haveli     | 608            | 596                |              |               |
| 8          | ISGS/PPs                   | 1070           | 1070               | 22377        | 21836         |
|            | <b>Total WR</b>            | <b>47943</b>   | <b>34712</b>       | <b>55570</b> | <b>41418</b>  |



## ASSUMPTIONS IN BASECASE

Month : Mar '15

| S.No.     | Name of State/Area          | Load           |                    | Generation    |               |
|-----------|-----------------------------|----------------|--------------------|---------------|---------------|
|           |                             | Peak Load (MW) | Off Peak Load (MW) | Peak (MW)     | Off Peak (MW) |
|           |                             |                |                    |               |               |
| <b>IV</b> | <b>SOUTHERN REGION</b>      |                |                    |               |               |
| 1         | Andhra Pradesh              | 5945           | 5241               | 5011          | 4762          |
| 2         | Telangana                   | 6351           | 5662               | 2707          | 2367          |
| 3         | Tamil Nadu                  | 12188          | 10362              | 6958          | 5865          |
| 4         | Karnataka                   | 8873           | 7418               | 7473          | 4852          |
| 5         | Kerala                      | 2699           | 2630               | 1249          | 1276          |
| 6         | Pondy                       | 330            | 319                | 0             | 0             |
| 7         | Goa                         | 89             | 88                 | 0             | 0             |
| 8         | ISGS/IPPs                   | 0              | 0                  | 9103          | 8630          |
|           | <b>Total SR</b>             | <b>36475</b>   | <b>31720</b>       | <b>32501</b>  | <b>27752</b>  |
|           |                             |                |                    |               |               |
| <b>V</b>  | <b>NORTH-EASTERN REGION</b> |                |                    |               |               |
| 1         | Arunachal Pradesh           | 66             | 33                 | 0             | 0             |
| 2         | Assam                       | 713            | 609                | 220           | 190           |
| 3         | Manipur                     | 74             | 49                 | 0             | 0             |
| 4         | Meghalaya                   | 166            | 84                 | 77            | 17            |
| 5         | Mizoram                     | 51             | 34                 | 6             | 4             |
| 6         | Nagaland                    | 57             | 52                 | 7             | 3             |
| 7         | Tripura                     | 227            | 153                | 103           | 100           |
| 8         | ISGS/IPPs                   |                |                    | 1089          | 680           |
|           | <b>Total NER</b>            | <b>1354</b>    | <b>1015</b>        | <b>1502</b>   | <b>994</b>    |
|           |                             |                |                    |               |               |
|           | <b>Total All India</b>      | <b>139813</b>  | <b>112407</b>      | <b>139620</b> | <b>114451</b> |