

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

Issue Date: 03/05/2015

Issue Time: 2230 hrs

Revision No. 9

| 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>NR-WR *</b>                     | 1st May 2015 to 31st May 2015 | 00-24                        | 2500   | 500                | 2000                                | 706  | 1294   |                                     |  |
| <b>WR-NR*</b>                      | 1st May 2015                  | 00-07                        | 5100   | 500                | 4600                                | 5157   | 0  |                                     |  |
|                                    |                               | 07-24                        | 4850   |                    | 4350                                |  | 0  |                                     |  |
|                                    | 2nd May 2015                  | 00-0730                      | 4850   | 500                | 4350                                | 5157   | 0  |                                     |  |
|                                    |                               | 0730-1030                    | 4400   |                    | 3900                                |  | 0  |                                     |  |
|                                    |                               | 1030-24                      | 4850   |                    | 4350                                |  | 0  |                                     |  |
|                                    | 3rd May 2015                  | 00-17                        | 4850   | 500                | 4350                                | 5157   | 0  |                                     |  |
|                                    |                               | 23-24                        |  |                    | 4350                                |  | 0  |                                     |  |
|                                    |                               | 17-23                        |  |                    | 4850                                |  | 4350   |                                     |  |
|                                    | 4th May 2015                  | 00-24                        | 4850   | 500                | 4350                                | 5157   | 0  | -250                                | Revised due to extension of HVDC Vindhyachal BTB Block-2 shutdown. |
|                                    | 5th May 2015 to 31st May 2015 | 00-17 23-24                  | 5100   | 500                | 4600                                | 5157   | 0  |                                     |  |
| 17-23                              |                               | 5100                         | 4600   |                    | 0                                   |  |  |                                     |  |
| <b>NR-ER*</b>                      | 1st May 2015 to 31st May 2015 | 00-06                        | 2000   | 200                | 1800                                | 293  | 1507   |                                     |  |
|                                    |                               | 06-18'                       | 2000   |                    | 1800                                | 358  | 1442   |                                     |  |
|                                    |                               | 18-24                        | 2000   |                    | 1800                                | 293  | 1507   |                                     |  |
| <b>ER-NR*</b>                      | 1st May 2015 to 31st May 2015 | 00-17 23-24                  | 3400   | 300                | 3100                                | 2431   | 669  |                                     |  |
|                                    |                               | 17-23                        | 3400   |                    | 3100                                | 669  |  |                                     |  |
| <b>W3-ER<sup>s</sup></b>           | 1st May 2015 to 31st May 2015 | 00-24                        | No limit is being specified.<br>No Re-routing is allowed via W3-ER-NR. |                    |                                     |  |  |                                     |  |
| <b>ER-W3</b>                       | 1st May 2015 to 31st May 2015 | 00-24                        | 1000   | 300                | 700                                 | 874  | 0  |                                     |  |
| <b>WR-SR</b>                       | 1st May 2015                  | 05-22                        | 2100   | 750                | 1350                                | 1350   | 0  |                                     |  |
|                                    |                               | 00-05 22-24                  | 2500   |                    | 1750                                |  | 400  |                                     |  |
|                                    | 2nd May 2015 to 31st May 2015 | 05-22                        | 2300   | 750                | 1550                                | 1350   | 200  |                                     |  |
|                                    |                               | 00-05 22-24                  | 2700   |                    | 1950                                |  | 600  |                                     |  |
| <b>SR-WR *</b>                     | 1st May 2015 to 31st May 2015 | 00-24                        | No limit is being Specified.   |                    |                                     |  |  |                                     |  |
| <b>ER-SR</b>                       | 1st May 2015 to 31st May 2015 | 00-06 18-24                  | 2650   | 0                  | 2650                                | 2385   | 265  |                                     |  |
|                                    |                               | 06-18'                       |  |                    | 2450                                | 200  |  |                                     |  |
|                                    |                               | No limit is being Specified. |  |                    |                                     |  |  |                                     |  |
| <b>SR-ER *</b>                     | 1st May 2015 to 31st May 2015 | 00-24                        | No limit is being Specified.   |                    |                                     |  |  |                                     |  |
| <b>ER-NER</b>                      | 1st May 2015 to 31st May 2015 | 00-17 23-24                  | 1170   | 40                 | 1130                                | 210  | 920  |                                     |  |
|                                    |                               | 17-23                        | 1150   |                    | 1110                                |  | 900  |                                     |  |
|                                    |                               | No limit is being Specified. |  |                    |                                     |  |  |                                     |  |
| <b>NER-ER</b>                      | 1st May 2015 to 31st May 2015 | 00-24                        | No limit is being Specified.   |                    |                                     |  |  |                                     |  |
| <b>S1-S2</b>                       | 1st May 2015                  | 00-24                        | 3220   | 320                | 2900                                | 2583   | 317  |                                     |  |
|                                    | 2nd May 2015                  | 00-12                        | 3220   | 320                | 2900                                | 2583   | 317  |                                     |  |
|                                    |                               | 12-24                        | 3220   | 320                | 2900                                | 2583   | 317  |                                     |  |
|                                    | 3rd May 2015                  | 00-24                        | 3220   | 320                | 2900                                | 2583   | 317  |                                     |  |
| 4th May 2015 to 31st May 2015      | 00-24                         | 2920                         | 320  | 2600               | 2474                                | 126  |  |                                     |  |
| <b>Import of Punjab</b>            | 1st May 2015 to 31st May 2015 | 00-24                        | 5700   | 300                | 5400                                | 3790   | 1610   |                                     |  |
| <b>Import TTC for DD &amp; DNH</b> | 1st May 2015 to 31st May 2015 | 00-24                        | 1200   | 0                  | 1200                                | LTA and MTOA as per ex-pp schedule                       |  |                                     |  |
| <b>W3 zone Injection</b>           | 1st May 2015 to 31st May 2015 | 00-17 23-24                  | 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).

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

Issue Date: 03/05/2015

Issue Time: 2230 hrs

Revision No. 9

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

§ 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 Telangana, AP and Karnataka; S2 comprises of Tamil Nadu, Kerala and Puducherry

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

# 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 400kV Singrauli-Anpara & 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 Gwalior-Agra D/C and from NR to WR on 400kV Kankroli-Zerda and 400kV Bhinmal-Zerda).  |
| NR-ER              | (n-1) contingency of 400 kV Saranath-Pusauli   |
| ER-NR              | (n-1) contingency of Kahalgaon-Lakhisarai S/C  |
| ER-W3              | 1. n-1 of 400 kV Wardha – Parli will lead to 30 degrees angular separation between Wardha and Parli.<br>2. (n-1) contingency of one circuit of 400kV Parli(PG)-Sholapur(PG)  |
| WR-SR & ER-SR      | 1. n-1 of 400 kV Wardha – Parli will lead to 30 degrees angular separation between Wardha and Parli.<br>2. (n-1) contingency of one circuit of 400kV Parli(PG)-Sholapur(PG)<br>3. 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. |
| ER-NER             | (n-1) contingency of Kahalgaon-Lakhisarai S/C  |
| NER-ER             | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other 400/220 kV, 315 MVA ICT at Misa   |
| S1-S2              | (n-1) contingency of one circuit 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  | 1. n-1 of 400 kV Wardha – Parli will lead to 30 degrees angular separation between Wardha and Parli.<br>2. (n-1) contingency of one circuit of 400kV Parli(PG)-Sholapur(PG)  |

**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 May 2015                  | 00-07                         | 8500                            | 800                | 7700                                | 7588   | 112  |                                     |  |
|            |                               | 07-24'                        | 8250                            |                    | 7450                                |  | 0  |                                     |  |
|            | 2nd May 2015                  | 00-0730                       | 8250                            | 800                | 7450                                | 7588   | 0  |                                     |  |
|            |                               | 0730-1030                     | 7800                            |                    | 7000                                |  | 0  |                                     |  |
|            |                               | 1030-24                       | 8250                            |                    | 7450                                |  | 0  |                                     |  |
|            | 3rd May 2015                  | 00-17                         | 8250                            | 800                | 7450                                | 7588   | 0  |                                     |  |
|            |                               | 23-24                         |                                 |                    | 7450                                |  | 0  |                                     |  |
|            | 4th May 2015                  | 00-24                         | 8250                            | 800                | 7450                                | 7588   | 0  | -250                                | Revised due to extension of HVDC Vindhyachal BTB Block-2 shutdown. |
|            |                               | 5th May 2015 to 31st May 2015 | 00-17                           | 8500               | 800                                 | 7700   | 7588   | 112                                 |  |
|            | 17-23                         |                               | 8500                            | 7700               |                                     | 112  |  |                                     |  |
| <b>NER</b> | 1st May 2015 to 31st May 2015 | 00-17                         | 1170                            | 40                 | 1130                                | 210  | 920  |                                     |  |
|            |                               | 23-24                         | 1170                            |                    | 1110                                |  | 900  |                                     |  |
| <b>WR</b>  |                               |                               |                                 |                    |                                     |  |  |                                     |  |
| <b>SR</b>  | 1st May 2015                  | 00-05                         | 5150                            | 750                | 4400                                | 3935   | 465  |                                     |  |
|            |                               | 05-06'                        | 4750                            |                    | 4000                                | 3935   | 65   |                                     |  |
|            |                               | 06-18'                        | 4750                            |                    | 4000                                | 4000   | 0  |                                     |  |
|            |                               | 18-22                         | 4750                            |                    | 4000                                | 3935   | 65   |                                     |  |
|            |                               | 22-24                         | 5150                            |                    | 4400                                | 3935   | 465  |                                     |  |
|            | 2nd May 2015 to 31st May 2015 | 00-05                         | 5350                            | 750                | 4600                                | 3935   | 665  |                                     |  |
|            |                               | 05-06'                        | 4950                            |                    | 4200                                | 3935   | 265  |                                     |  |
|            |                               | 06-18'                        | 4950                            |                    | 4200                                | 4000   | 200  |                                     |  |
|            |                               | 18-22                         | 4950                            |                    | 4200                                | 3935   | 265  |                                     |  |
|            |                               | 22-24                         | 5350                            |                    | 4600                                | 3935   | 665  |                                     |  |

**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 |
|-------------|-------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| <b>NR*</b>  | 1st May 2015 to 31st May 2015 | 00-06             | 4500                            | 700                | 3800                                | 999  | 2801   |                                     |          |
|             |                               | 06-18'            |                                 |                    | 3800                                | 1064   | 2736   |                                     |          |
|             |                               | 18-24             |                                 |                    | 3800                                | 999  | 2801   |                                     |          |
| <b>NER</b>  | 1st May 2015 to 31st May 2015 | 00-17             | No limit is being Specified.    |                    |                                     |  |  |                                     |          |
|             |                               | 23-24             |                                 |                    |                                     |  |  |                                     |          |
|             |                               | 17-23             |                                 |                    |                                     |  |  |                                     |          |
| <b>WR</b>   |                               |                   |                                 |                    |                                     |  |  |                                     |          |
| <b>SR *</b> | 1st May 2015 to 31st May 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).

## Limiting Constraints

|     |               |   |
|-----|---------------|---|
| NR  | <b>Import</b> | (n-1) contingency of Kahalgaon-Lakhisarai 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).  |
|     | <b>Export</b> | (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 | <b>Import</b> | (n-1) contingency of Kahalgaon-Lakhisarai S/C   |
|     | <b>Export</b> | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa  |
| SR  | <b>Import</b> | 1. n-1 of 400 kV Wardha – Parli will lead to 30 degrees angular separation between Wardha and Parli.<br>2. (n-1) contingency of one circuit of 400kV Parli(PG)-Sholapur(PG) D/C.<br>3. 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 May 2015**

| Revision No | Date of Revision | Period of Revision       | Reason for Revision   | Corridor Affected |
|-------------|------------------|--------------------------|---|-------------------|
| 1           | 12-02-2015       | Whole Month              | Margin revised due to cancellation of LTA/MTOA  | NR-WR/ ER-W3      |
| 2           | 02-03-2015       | Whole Month              | STOA Margins revised due to grant of MTOA from Chattisgarh to KSEB by CTU.  | W3-ER/ W3 Zone    |
|             |                  |                          | Revised due to commissioning of Vallur Unit-3   | S1-S2             |
| 3           | 31-03-2015       | Whole Month              | Revised considering the commissioning of Sasan Unit-6 and reviewed HVDC set points.   | WR-NR             |
|             |                  |                          | Revised considering the commissioning of 765kV Pune-Sholapur S/C.   | WR-SR             |
| 4           | 21-04-2015       | Whole Month              | Revised considering revised thermal ratings of the lines in ER and expected flows on ER-NR corridor   | ER-NR             |
| 5           | 27-04-2015       | Whole Month              | Revised due to LGBR changes given in 106th OCC meeting.   | S1-S2             |
| 6           | 30-04-2015       | Whole Month              | Revised due to shutdown of 765kV Pune-Sholapur S/C and considering the present Maharashtra Demand pattern (1st May) & Revised considering the present Maharashtra Demand pattern (2nd-31st) . | WR-SR             |
|             |                  | 01-05-2015 to 03-05-2015 | Revised due to shutdown of HVDC Vindhyachal BTB Block-2.  | WR-NR             |
|             |                  | Whole Month              | on account of addition of new elements in NER Grid and change in load-generation balance.   | ER-NER/ NER-ER    |
|             |                  | 01-05-15 to 02-05-15     | Due to Extension of Vallur Unit -3 Outage   | S1-S2             |
| 7           | 02-05-2015       | 02-05-2015               | Revised due to Emergency shutdown of Rihand-Dadri HVDC Pole-1.  | WR-NR             |
| 8           | 02-05-2015       | 02-05-15 to 03-05-15     | Revised due to Extension of Vallur Unit -3 Outage   | S1-S2             |
| 9           | 03-05-2015       | 04-05-2015               | Revised due to extension of HVDC Vindhyachal BTB Block-2 shutdown.  | WR-NR             |

## ASSUMPTIONS IN BASECASE

Month : May '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                     | 7577           | 6617               | 3463         | 3477          |
| 2          | Haryana                    | 5856           | 5210               | 2202         | 2203          |
| 3          | Rajasthan                  | 7738           | 7467               | 4717         | 4717          |
| 4          | Delhi                      | 5200           | 4674               | 1323         | 1323          |
| 5          | Uttar Pradesh              | 12604          | 12834              | 6533         | 6524          |
| 6          | Jammu & Kashmir            | 2166           | 1404               | 443          | 441           |
| 7          | Uttarakhand                | 1638           | 1285               | 830          | 496           |
| 8          | Himachal Pradesh           | 1383           | 1127               | 704          | 624           |
| 9          | Chandigarh                 | 292            | 194                | 0            | 0             |
| 10         | ISGS/IPPs                  |                |                    | 18480        | 15160         |
|            | <b>Total NR</b>            | <b>44454</b>   | <b>40812</b>       | <b>38695</b> | <b>34965</b>  |
| <b>II</b>  | <b>EASTERN REGION</b>      |                |                    |              |               |
| 1          | West Bengal                | 7550           | 6800               | 5200         | 3700          |
| 2          | Jharkhand                  | 1070           | 900                | 470          | 380           |
| 3          | Orissa                     | 3950           | 3200               | 3400         | 2500          |
| 4          | Bihar                      | 2600           | 2140               | 180          | 0             |
| 5          | Damodar Valley Corporation | 2675           | 2400               | 3800         | 3400          |
| 6          | Sikkim                     | 85             | 50                 | -            | -             |
| 7          | Bhutan                     |                |                    | 250          | 140           |
| 8          | ISGS/IPPs                  |                |                    | 10005        | 8325          |
|            | <b>Total ER</b>            | <b>17930</b>   | <b>15490</b>       | <b>23305</b> | <b>18445</b>  |
| <b>III</b> | <b>WESTERN REGION</b>      |                |                    |              |               |
| 1          | Chattisgarh                | 3336           | 2801               | 1606         | 1313          |
| 2          | Madhya Pradesh             | 7271           | 6314               | 3649         | 3011          |
| 3          | Maharashtra                | 19250          | 17030              | 15092        | 12163         |
| 4          | Gujarat                    | 13471          | 1238               | 10322        | 8765          |
| 5          | Goa                        | 438            | 347                |              |               |
| 6          | Daman and Diu              | 288            | 264                |              |               |
| 7          | Dadra and Nagar Haveli     | 687            | 665                |              |               |
| 8          | ISGS/IPPs                  | 1058           | 1058               | 22774        | 22774         |
|            | <b>Total WR</b>            | <b>45799</b>   | <b>29717</b>       | <b>53443</b> | <b>48026</b>  |

## ASSUMPTIONS IN BASECASE

Month : May '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         | Telangana                   | 5580           | 5568               | 2354          | 2173          |
| 2         | Andhra Pradesh              | 5593           | 5592               | 5077          | 4550          |
| 3         | Tamil Nadu                  | 12051          | 10398              | 7068          | 6424          |
| 4         | Karnataka                   | 8046           | 7046               | 7080          | 5576          |
| 5         | Kerala                      | 3328           | 2336               | 1939          | 770           |
| 6         | Pondy                       | 374            | 294                |               |               |
| 7         | Goa                         | 89             | 89                 |               |               |
| 8         | ISGS/IPPs                   |                |                    | 9180          | 9180          |
|           | <b>Total SR</b>             | <b>35061</b>   | <b>31323</b>       | <b>32698</b>  | <b>28673</b>  |
| <b>V</b>  | <b>NORTH-EASTERN REGION</b> |                |                    |               |               |
| 1         | Arunachal Pradesh           | 86             | 53                 | 0             | 0             |
| 2         | Assam                       | 753            | 640                | 215           | 200           |
| 3         | Manipur                     | 83             | 53                 | 0             | 0             |
| 4         | Meghalaya                   | 296            | 211                | 140           | 92            |
| 5         | Mizoram                     | 58             | 40                 | 4             | 3             |
| 6         | Nagaland                    | 76             | 63                 | 16            | 8             |
| 7         | Tripura                     | 244            | 164                | 110           | 110           |
| 8         | ISGS/IPPs                   |                |                    | 990           | 738           |
|           | <b>Total NER</b>            | <b>1596</b>    | <b>1224</b>        | <b>1475</b>   | <b>1151</b>   |
|           | <b>Total All India</b>      | <b>144840</b>  | <b>118566</b>      | <b>149616</b> | <b>131260</b> |