National Load Despatch Centre
Total Transfer Capability for April 2015

| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability <br> Margin | Available <br> Transfer <br> Capability <br> (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) \# | Margin Available for Short Term Open Access (STOA) | Changes in TTC <br> w.r.t. <br> Last <br> Revision | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NR-WR * | $\begin{aligned} & \hline \text { 1st April } 2015 \text { to } \\ & \text { 30th April } 2015 \\ & \hline \end{aligned}$ | 00-24 | 2500 | 500 | 2000 | 706 | 1294 |  |  |
| WR-NR * | 1st April 2015 to 11th April 2015 | $\begin{array}{\|l\|} \hline 00-17 \\ 23-24 \\ \hline 17-23 \\ \hline \end{array}$ | 5100 5100 | 500 | 4600 | 5157 | 0 |  |  |
|  | 12th April 2015 | 00-07 | 5100 | 500 | 4600 | 5157 | 0 |  |  |
|  |  | 07-24 | 4850 |  | 4350 |  | 0 |  |  |
|  | 13th April 2015 to30th April 2015 | $\begin{aligned} & \hline 00-17 \\ & 23-24 \end{aligned}$ | 5100 | 500 | 4600 | 5157 | 0 |  |  |
|  |  | 17-23 | 5100 |  | 4600 |  | 0 |  |  |
| NR-ER* | 1st April 2015 to 30th April 2015 | 00-06 | 2000 | 200 | 1800 | 293 | 1507 |  |  |
|  |  | 06-18' | 2000 |  | 1800 | 358 | 1442 |  |  |
|  |  | 18-24 | 2000 |  | 1800 | 293 | 1507 |  |  |
| ER-NR * | 1st April 2015 to 30th April 2015 | $\begin{aligned} & \hline 00-17 \\ & 23-24 \end{aligned}$ | 3400 | 300 | 3100 | 2431 | 669 |  |  |
|  |  | 17-23 | 3400 |  | 3100 |  | 669 |  |  |
| W3-ER ${ }^{\text {s }}$ | $\begin{aligned} & \hline \text { 1st April } 2015 \text { to } \\ & \text { 30th April } 2015 \\ & \hline \end{aligned}$ | 00-24 |  |  |  | No limit Re-routing is | being specified allowed via W3- | NR. |  |
| ER-W3 | $\begin{aligned} & \text { 1st April } 2015 \text { to } \\ & \text { 30th April } 2015 \\ & \hline \end{aligned}$ | 00-24 | 1000 | 300 | 700 | 874 | 0 |  |  |
| WR-SR | 1st April 2015 to 6th April 2015 | 05-22 | 2300 | 750 | 1550 | 1350 | 200 |  |  |
|  |  | $\begin{array}{r} 00-05 \\ 22-24 \\ \hline \end{array}$ | 2700 |  | 1950 |  | 600 |  |  |
|  | 7th April 2015 | 00-05 | 2700 | 750 | 1950 | 1350 | 600 |  |  |
|  |  | 05-06 | 2300 |  | 1550 |  | 200 |  |  |
|  |  | 06-08 | 2150 |  | 1400 |  | 50 |  |  |
|  |  | 08-22 | 1800 |  | 1050 |  | 0 |  |  |
|  |  | 22-24 | 2200 |  | 1450 |  | 100 |  |  |
|  | 8th April 2015 to 30th April 2015 | 05-22 | 2300 | 750 | 1550 | 1350 | 200 |  |  |
|  |  | $\begin{aligned} & 00-05 \\ & 22-24 \\ & \hline \end{aligned}$ | 2700 |  | 1950 |  | 600 |  |  |
| SR-WR * | $\begin{array}{\|l\|} \hline \text { 1st April } 2015 \text { to } \\ \text { 30th April } 2015 \\ \hline \end{array}$ | 00-24 | No limit is being Specified. |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| ER-SR | 1st April 2015 to 30th April 2015 | $\begin{aligned} & \hline 00-06 \\ & 18-24 \\ & \hline \end{aligned}$ | 2650 | 0 | 2650 | 2585 | 65 |  |  |
|  |  | 06-18' |  |  |  | 2650 | 0 |  |  |
| SR-ER * | $\begin{aligned} & \text { 1st April } 2015 \text { to } \\ & \text { 30th April } 2015 \\ & \hline \end{aligned}$ | 00-24 | No limit is being Specified. |  |  |  |  |  |  |
| ER-NER | 1st April 2015 to 30th April 2015 |  |  | 40 |  | 210 |  |  |  |
|  |  | $23-24$ | 1100 |  | 1060 |  | 850 |  |  |
|  |  | 17-23 | 920 |  | 880 |  | 670 |  |  |
| NER-ER | $\begin{array}{\|c\|} \hline \text { 1st April } 2015 \text { to } \\ \text { 30th April } 2015 \\ \hline \end{array}$ | No limit is being Specified. |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| S1-S2 | $\begin{array}{\|c\|} \hline \text { 1st April } 2015 \text { to } \\ \text { 3rd April } 2015 \\ \hline \end{array}$ | 00-24 | 2885 | 315 | 2570 | 2535 | 35 |  |  |
|  | 4th April 2015 | 00-08 | 2885 | 315 | 2570 | 2535 | 35 |  |  |
|  |  | 08-24' | 3330 | 315 | 3015 | 2535 | 480 |  |  |
|  | $\begin{array}{\|c\|} \hline \text { 5th April } 2015 \text { to } \\ \text { 6th April } 2015 \\ \hline \end{array}$ | 00-24 | 3330 | 315 | 3015 | 2535 | 480 |  |  |
|  | 7th April 2015 | 00-24 | 2970 | 315 | 2655 | 2535 | 120 |  |  |
|  | 8th April 2015 | $\begin{array}{r} \hline 0000- \\ 1030 \\ \hline \end{array}$ | 2970 | 315 | 2655 | 2535 | 120 |  |  |
|  |  | $\begin{array}{r} 1030- \\ 2400 \\ \hline \end{array}$ | 3165 | 315 | 2850 | 2644 | 206 |  |  |
|  | 9th April 2015 | 00-08 | 3165 | 315 | 2850 | 2644 | 206 |  |  |
|  |  | 08-18' | 3015 |  | 2700 | 2644 | 56 |  |  |
|  |  | 18-24 | 2880 |  | 2565 | 2535 | 30 |  |  |
|  | 10th April 2015 to 12th April 2015 | 00-24 | 2880 | 315 | 2565 | 2535 | 30 |  |  |
|  | 13th April 2015 | $\begin{gathered} \hline 0000- \\ 1015 \\ \hline \end{gathered}$ | 2880 | 315 | 2565 | 2535 | 30 |  | Revised due to shutdown of 400 kV <br> Nellore - Sriperumbudur S/C |
|  |  | $\begin{array}{\|c\|} \hline 1015- \\ 1800 \\ \hline \end{array}$ | 2810 |  | 2495 | 2535 | 0 | -70 |  |
|  |  | 18-24' | 2880 |  | 2565 | 2535 | 30 |  |  |
|  | 14th April 2015 to 30th April 2015 | 00-24 | 2880 | 315 | 2565 | 2535 | 30 |  |  |

National Load Despatch Centre
Total Transfer Capability for April 2015
Issue Date: 13/04/2015

| Corridor | Date | Time <br> Period <br> (hrs) | Total <br> Transfer <br> Capability <br> (TTC) | Reliability <br> Margin | Available <br> Transfer <br> Capability <br> (ATC) | Long Term <br> Access (LTA)/ <br> Medium Term <br> Open Access <br> (MTOA) \# | Margin <br> Available for <br> Short Term <br> Open Access <br> (STOA) | Changes <br> in TTC <br> w.r.t. <br> Last <br> Revision | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

* 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) ER-SR TTC declared at Talcher Interconnector and Gazuwaka HVDC B/B seam
2) S1 comprises of AP and Karnataka: S2 comprises of Tamil Nadu, Kerala and Pondicherry
3) W3 comprises of the following regional entities :
a) Chattisgarh 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) KWPCL, 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 commissionned 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 willl be revised to normal values if the shutdown is not being availed in real time.

## Limiting Constraints

| Corridor | Constraint |
| :---: | :---: |
| NR-WR | ( $\mathrm{n}-1$ ) contingency of 400 kV Zerda-Bhinmal and ( $\mathrm{n}-1$ ) contingency of 220 kV Badod-Modak. |
| WR-NR | High Loading of 400 kV 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 400 kV Kankroli-Zerda and 400 kV Bhinmal-Zerda (power flowing from WR to NR on 765 kV Gwalior-Agra D/C and from NR to WR on 400 kV Kankroli-Zerda and 400 kV Bhinmal-Zerda). |
| NR-ER | ( $\mathrm{n}-1$ ) contingency of 400 kV Saranath-Pusauli |
| ER-NR | ( n -1) contingency of Kahalgaon-Banka S/C |
| ER-W3 | 1. $\mathrm{n}-1$ of 400 kV Wardha - Parli will lead to 30 degrees angular separation between Wardha and Parli. <br> 2. ( $\mathrm{n}-1$ ) contingency of one circuit of $400 \mathrm{kV} \operatorname{Parli}(\mathrm{PG})$-Sholapur(PG) |
|  | 1. $\mathrm{n}-1$ of 400 kV Wardha - Parli will lead to 30 degrees angular separation between Wardha and Parli. 2. $(\mathrm{n}-1)$ contingency of one circuit of $400 \mathrm{kV} \operatorname{Parli}(\mathrm{PG})$-Sholapur(PG) |
| ER-SR | 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 400/132 kV, $2 \times 200$ MVA ICTs at Silchar leads to high loading on 2nd ICT. |
| S1-S2 | ( n -1) contingency of one circuit of 400 kV Kolar-Hosur D/C |
| $\begin{array}{\|c} \hline \text { Import of DD } \\ \& \text { DNH } \end{array}$ | ( $\mathrm{n}-1$ ) contingency of $400 / 220 \mathrm{KV}$ 315MVA ICT at VAPI |
| Import of Punjab | ( $\mathrm{n}-1$ ) contingency of ICT at Dhuri and ( $\mathrm{n}-1$ ) contingnecy of 220 kV 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. 2. ( $\mathrm{n}-1$ ) contingency of one circuit of $400 \mathrm{kV} \operatorname{Parli}(\mathrm{PG})$-Sholapur(PG) |

Simultaneous Import Capability

| Corridor | Date | Time <br> Period <br> (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 <br> w.r.t. <br> Last <br> Revision | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ER |  |  |  |  |  |  |  |  |  |
| NR | 1st April 2015 to 30th April 2015 | $\begin{aligned} & \hline 00-17 \\ & 23-24 \end{aligned}$ | 8500 | 800 | 7700 | 7588 | 112 |  |  |
|  |  | 17-23 | 8500 |  | 7700 |  | 112 |  |  |
| NER | 1st April 2015 to 30th April 2015 | $\begin{aligned} & 00-17 \\ & 23-24 \\ & \hline \end{aligned}$ | 1100 | 40 | 1060 | 210 | 850 |  |  |
|  |  | 17-23 | 920 |  | 880 |  | 670 |  |  |
| WR |  |  |  |  |  |  |  |  |  |
| SR | 1st April 2015 to 6th April 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 |  |  |
|  | 7th April 2015 | 00-05 | 5350 | 750 | 4600 | 3935 | 665 |  |  |
|  |  | 05-06' | 4950 |  | 4200 | 3935 | 265 |  |  |
|  |  | 06-08' | 4800 |  | 4050 | 4000 | 50 |  |  |
|  |  | 08-18' | 4450 |  | 3700 | 4000 | 0 |  |  |
|  |  | 18-22 | 4450 |  | 3700 | 3935 | 0 |  |  |
|  |  | 22-24 | 4850 |  | 4100 | 3935 | 165 |  |  |
|  | 8th April 2015 to 30th April 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 <br> Period <br> (hrs) | Total <br> Transfer <br> Capability <br> (TTC) | Reliability Margin | Available <br> Transfer <br> Capability <br> (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 April 2015 to 30th April 2015 | 00-06 | 4500 | 700 | 3800 | 999 | 2801 |  |  |
|  |  | 06-17' |  |  | 3800 | 1064 | 2736 |  |  |
|  |  | 23-24 | 4500 |  | 3800 | 999 | 2801 |  |  |
| NER | 1st April 2015 to 30th April 2015 | 00-24 | No limit is being Specified. |  |  |  |  |  |  |
| WR |  |  |  |  |  |  |  |  |  |
|  |  |  | No limit is being Specified. |  |  |  |  |  |  |
| SR * | $\begin{aligned} & \text { 1st April } 2015 \text { to } \\ & \text { 30th April } 2015 \end{aligned}$ | 00-24 |  |  |  |  |  |  |  |  |

* 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 | ( $\mathrm{n}-1$ ) contingnecy of Kahalgaon-Banka S/C |
| :---: | :---: | :---: |
|  |  | High loading of 765 kV Agra-Gwalior (1250 MW SPS setting on each circuit of 765 kV Gwalior-Agra) and high loop flows on 400 kV Kankroli-Zerda and 400 kV Bhinmal-Zerda (power flowing from WR to NR on 765 kV Gwalior-Agra D/C and from NR to WR on 400 kV Kankroli-Zerda and 400kV Bhinmal-Zerda). |
|  | Export | ( $\mathrm{n}-1$ ) contingency of 400kV Zerda-Bhinmal and ( $\mathrm{n}-1$ ) contingency of 220 kV Badod-Modak. |
|  |  | ( $\mathrm{n}-1$ ) contingency of 400 kV Saranath-Pusauli |
| NER | Import | (N-1) contingency of 400/132 kV, 2x200 MVA ICTs at Silchar leads to high loading on 2nd ICT. |
| SR | Import | 1. $\mathrm{n}-1$ of 400 kV Wardha - Parli will lead to 30 degrees angular separation between Wardha and Parli. 2. ( $\mathrm{n}-1$ ) contingency of one circuit of 400 kV Parli(PG)-Sholapur(PG) |
|  |  | 3. ER-SR TTC has been declared assuming more than 1100 MW generation at Talcher Stage-2. In case Talcher Stage2 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 April 2015

| Revision No | Date of Revision | Period of Revision | Reason for Revision | Corridor Affected |
| :---: | :---: | :---: | :---: | :---: |
| 1 | 12-02-2015 | Whole <br> Month | Margin revised due to cancellation of LTA/MTOA. | NR-WR/ ERW3 |
| 2 | 02-03-2015 | Whole <br> Month | STOA Margins revised due to grant of MTOA from Chattisgarh to KSEB by CTU. | $\begin{gathered} \hline \text { W3-ER/ W3 } \\ \text { Zone } \\ \hline \end{gathered}$ |
|  |  |  | Revised due to commissioning of Kudankulam Unit-1, Coastal energen Unit-1 and Vallur Unit-3 | S1-S2 |
| 3 | 20-03-2015 | Whole month | Revised considering maintenance schedule of Singrauli Rihand complex and reviewed HVDC set points. | WR-NR |
|  |  |  | Revised considering reviwed thermal ratings of the lines in ER and expected flows on ER-NR corridor | ER-NR |
|  |  |  | Revised considering the present Maharashtra Demand pattern and the commissioning of 765 kV Pune-Sholapur $\mathrm{s} / \mathrm{C}$. | WR-SR |
| 4 | 31-03-2015 | Whole month | STOA margin revised due to commissioning of Sasan Unit-6 | WR-NR |
|  |  |  | Revised considering the reviwed thermal ratings of the lines in ER and network topology changes in NER. | ER-NER |
| 5 | 04-04-2015 | $\begin{array}{c\|} \hline 04.04 .2015- \\ 06.04 .2015 \end{array}$ | Revised due to NCTPS Unit Outage. | S1-S2 |
|  |  | $\begin{array}{\|c\|} \hline \text { O7.04.2015 } \\ 30.4 .2015 \\ \hline \end{array}$ | Revised due to 765kV level Charging of Kurnool Thiruvallam D/c and LGBR Changes. |  |
| 6 | 06-04-2015 | 07-04-2015 | Revised due to Shutdown of HVDC Bhadrawati Block-1 and 400 kV 400 kV Ramagundam-Bhadrawati-Ckt-1. | WR-SR |
| 7 | 08-04-2015 | 08-04-2015 | Revised due to outage of Vallur unit 1 | S1-S2 |
|  |  | 09-04-2015 | Revised due to outage of Vallur unit 1 and shutdown of 220 kV Kadakola - Kaniyampetta |  |
|  |  | $\begin{aligned} & 10-04-2015 \\ & 30-04-2015 \end{aligned}$ | Revised after a corrected calculation in the simulation |  |
| 8 | 09-04-2015 | 4/9/20145 | Revised due to revival of Vallur Unit-1 | S1-S2 |
| 9 | 13-04-2015 | 13-04-015 | Revised due to shutdown of 400 kV Nellore Sriperumbudur S/C | S1-S2 |

ASSUMPTIONS IN BASECASE

| S.No. | Name of State/Area | Load |  | Generation |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Peak Load (MW) | Off Peak Load (MW) | Peak (MW) | Off Peak (MW) |
| 1 | NORTHERN REGION |  |  |  |  |
| 1 | Punjab | 5409 | 4445 | 3101 | 2272 |
| 2 | Haryana | 5737 | 4159 | 1726 | 1522 |
| 3 | Rajasthan | 7500 | 5646 | 5073 | 4432 |
| 4 | Delhi | 4025 | 2614 | 1009 | 650 |
| 5 | Uttar Pradesh | 11849 | 12777 | 5434 | 5454 |
| 6 | Jammu \& Kashmir | 2100 | 1779 | 650 | 588 |
| 7 | Uttarakhand | 1344 | 1113 | 480 | 343 |
| 8 | Himachal Pradesh | 1293 | 927 | 530 | 423 |
| 9 | Chandigarh | 186 | 114 | 0 | 0 |
| 10 | ISGS/IPPs | 0 | 0 | 15905 | 12209 |
|  | Total NR | 39443 | 33574 | 33908 | 27893 |
|  |  |  |  |  |  |
| II | EASTERN REGION |  |  |  |  |
| 1 | West Bengal | 7200 | 5800 | 5000 | 4000 |
| 2 | Jharkhand | 1100 | 850 | 470 | 350 |
| 3 | Orissa | 3800 | 3100 | 2900 | 2150 |
| 4 | Bihar | 2550 | 2100 | 110 | 0 |
| 5 | Damodar Valley Corporation | 2650 | 2200 | 3300 | 2750 |
| 6 | Sikkim | 95 | 60 | - | - |
| 7 | Bhutan | - | - | 235 | 175 |
| 8 | ISGS/IPPs |  |  | 9520 | 8395 |
|  | Total ER | 17395 | 14110 | 21535 | 17820 |
|  |  |  |  |  |  |
| III | WESTERN REGION |  |  |  |  |
| 1 | Chattisgarh | 3486 | 3181 | 1610 | 1473 |
| 2 | Madhya Pradesh | 7270 | 5274 | 3570 | 1181 |
| 3 | Maharashtra | 19386 | 15678 | 15142 | 10934 |
| 4 | Gujarat | 13740 | 9287 | 9985 | 5532 |
| 5 | Goa | 410 | 340 | 0 | 0 |
| 6 | Daman and Diu | 253 | 261 | 0 | 0 |
| 7 | Dadra and Nagar Haveli | 588 | 626 | 0 | 0 |
| 8 | ISGS/IPPs | 0 | 0 | 20446 | 20446 |
|  | Total WR | 45133 | 34647 | 50753 | 39566 |

ASSUMPTIONS IN BASECASE

| S.No. | Name of State/Area | Load |  | Generation |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Peak Load (MW) | Off Peak Load (MW) | Peak (MW) | Off Peak (MW) |
| IV | SOUTHERN REGION |  |  |  |  |
| 1 | Telangana | 5832 | 5116 | 2399 | 2197 |
| 2 | Andhra Pradesh | 5307 | 4653 | 5314 | 4759 |
| 3 | Tamil Nadu | 10840 | 9969 | 6783 | 5823 |
| 4 | Karnataka | 7890 | 6637 | 6897 | 4860 |
| 5 | Kerala | 3341 | 2427 | 2082 | 1081 |
| 6 | Pondy | 340 | 245 |  |  |
| 7 | Goa | 89 | 89 |  |  |
| 8 | ISGS/IPPs |  |  | 7730 | 7730 |
|  | Total SR | 33639 | 29136 | 31205 | 26450 |
| V | NORTH-EASTERN REGION |  |  |  |  |
| 1 | Arunachal Pradesh | 69 | 31 | 0 | 0 |
| 2 | Assam | 749 | 566 | 225 | 160 |
| 3 | Manipur | 68 | 40 | 0 | 0 |
| 4 | Meghalaya | 201 | 106 | 104 | 44 |
| 5 | Mizoram | 51 | 31 | 4 | 3 |
| 6 | Nagaland | 63 | 53 | 10 | 6 |
| 7 | Tripura | 228 | 161 | 104 | 104 |
| 8 | ISGS/IPPs |  |  | 856 | 578 |
|  | Total NER | 1429 | 988 | 1303 | 895 |
|  |  |  |  |  |  |
|  | Total All India | 137039 | 112455 | 138704 | 112624 |

