

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

Issue Date: 05/05/2014 Issue Time: 1400 hrs Revision No. 13

| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) # | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments | |
|--------------------------------|-------------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|-----|
| NR-WR * | 1st May 2014 to 31st May 2014 | 00-24 | 2500 | 500 | 2000 | 297 | 1703 | | | |
| WR-NR | 1st May 2014 to 3rd May 2014 | 00-17 | 4200 | 500 | 3700 | 3992 | 0 | | | |
| | | 23-24 | 4200 | | 3700 | | 0 | | | |
| | 4th May 2014 | 00-09 | 4200 | 500 | 3700 | 3992 | 0 | | | |
| | | 09-24 | 3800 | | 3300 | | 0 | | | |
| | 5th May 2014 | 00-05 | 4200 | 500 | 3700 | 3992 | 0 | | | |
| | | 05-24 | 4200 | | 3700 | | 0 | | | |
| | 6th May 2014 | 00-05 | 4200 | 500 | 3700 | 3992 | 0 | | | |
| | | 05-24 | 3800 | | 3300 | | 0 | | | |
| | 7th May 2014 | 00-05 | 4200 | 500 | 3700 | 3992 | 0 | | | |
| | | 05-24 | 3800 | | 3300 | | 0 | | | |
| | 8th May 2014 | 00-05 | 4200 | 500 | 3700 | 3992 | 0 | | | |
| | | 05-24 | 3900 | | 3400 | | 0 | | | |
| | 9th May 2014 | 00-05 | 4200 | 500 | 3700 | 3992 | 0 | | | |
| | | 05-24 | 3900 | | 3400 | | 0 | | | |
| 10th May 2014 to 31st May 2014 | 00-17 | 4200 | 500 | 3700 | 3992 | 0 | | | | |
| | 23-24 | 4200 | | 3700 | | 0 | | | | |
| NR-ER* | 1st August 2014 to 31st August 2014 | 00-06 | 1000 | 200 | 800 | 293 | 507 | | | |
| | | 06-17 | | | 800 | 423 | 377 | | | |
| | | 17-18' | 1100 | | 900 | 423 | 477 | | | |
| | | 18-23 | | | 900 | 293 | 607 | | | |
| | | 23-24 | 1000 | | 800 | 293 | 507 | | | |
| ER-NR [§] | 1st May 2014 | 00-17 | 3800 | 300 | 3500 | 2431 | 1069 | | | |
| | | 23-24 | | | | | 1069 | | | |
| | 2nd May 2014 | 00-07 | 3800 | 300 | 3500 | 2431 | 1069 | | | |
| | | 07-24 | 3500 | | 3200 | | 769 | | | |
| | 3rd May 2014 to 31st May 2014 | 00-17 | 3800 | 300 | 3500 | 2431 | 1069 | | | |
| | | 23-24 | | | | | 1069 | | | |
| W3-ER | 1st May 2014 | 00-07 | 1800 | 300 | 1500 | 551 | 949 | | | |
| | | 07-24 | 1500 | 300 | 1200 | 551 | 649 | | | |
| | 2nd May 2014 | 00-07 | 1800 | 300 | 1500 | 551 | 949 | | | |
| | | 07-24 | 1800 | 300 | 1500 | 551 | 949 | | | |
| | 3rd May to 4th May 2014 | 00-07 | 1800 | 300 | 1500 | 551 | 949 | | | |
| | | 07-24 | 1500 | 300 | 1200 | 551 | 649 | | | |
| 5th May to 31st May 2014 | 00-24 | 1800 | 300 | 1500 | 551 | 949 | | | | |
| ER-W3 | 1st May 2014 to 31st May 2014 | 00-24 | 1000 | 300 | 700 | 874 | 0 | | | |
| WR-SR | 1st May 2014 to 31st May 2014 | 00-24 | 1000 | 0 | 1000 | 1000 | 0 | | | |
| SR-WR * | 1st May 2014 to 31st May 2014 | 00-24 | 1000 | 0 | 1000 | 0 | 1000 | | | |
| ER-SR | 1st May 2014 to 2nd May 2014 | 00-06 | 750 | 0 | 750 | 593 | 157 | | | |
| | | 18-24 | | | | 638 | 112 | | | |
| | 3rd May 2014 | 00-06 | 750 | 0 | 750 | 593 | 157 | | | |
| | | 18-24 | | | | 450 | 638 | | | 0 |
| | | 06-17' | | | | 750 | 638 | | | 112 |
| | 4th May 2014 to 05th May 2014 | 00-06 | 750 | 0 | 750 | 593 | 157 | | | |
| | | 18-24 | | | | 638 | 112 | | | |
| | 06th May 2014 | 00-06 | 750 | 0 | 750 | 593 | 157 | | | |
| | | 06-07' | 750 | | | 750 | 638 | | | 112 |
| | | 07-18' | 450 | | | 450 | 638 | | | 0 |
| | | 18-24 | 450 | | | 450 | 593 | | | 0 |
| | 07th May 2014 to 31st May 2014 | 00-06 | 750 | 0 | 750 | 593 | 157 | | | |
| 18-24 | | 638 | | | | 112 | | | | |
| SR-ER * | 1st May 2014 to 31st May 2014 | 00-17 | 1100 | 0 | 1100 | 197 | 903 | | | |
| | | 23-24 | | | | 1100 | 903 | | | |
| ER-NER ² | 1st May 2014 to 31st May 2014 | 00-06 | 720 | 50 | 670 | 205 | 465 | | | |
| | | 23-24 | 720 | | | 670 | 210 | | | 460 |
| | | 06-17' | 640 | | | 590 | 210 | | | 380 |
| | | 17-18 | 640 | | | 590 | 205 | | | 385 |
| NER-ER | 1st May 2014 to 31st May 2014 | 00-17 | 530 | 100 | 430 | 0 | 430 | | | |
| | | 23-24 | 550 | | 450 | 450 | | | | |

Revised due to emergency shutdown of 400 kV JIPL-Amgul and 400 kV JIPL-Bolangir

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| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) # | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments |
|-------------------------|--------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| S1-S2 | 1st May 2014 to 05th May 2014 | 00-24 | 5650 | 400 | 5250 | 5150 | 100 | | |
| | 06th May 2014 to 07th May 2014 | 00-07 | 5650 | 400 | 5250 | 5150 | 100 | | |
| | | 07-24 | 5100 | 400 | 4700 | 5150 | 0 | | |
| | 08th May 2014 to 31st May 2014 | 00-24 | 5650 | 400 | 5250 | 5150 | 100 | | |
| Import of Punjab | 1st May 2014 to 31st May 2014 | 00-24 | 5600 | 300 | 5300 | 3800 | 1500 | | |
| Import TTC for DD & DNH | 1st May 2014 to 31st May 2014 | 00-24 | 980 | 0 | 980 | LTA and MTOA as per ex-pp schedule | | | |
| W3 zone Injection | 1st May 2014 | 00-07 | 9000 | 200 | 8800 | 6901 | 1899 | | |
| | | 07-17 | 8500 | | 8300 | | 1399 | | |
| | | 17-23 | 9000 | | 8800 | | 1899 | | |
| | 2nd May 2014 | 00-17 | 9000 | 200 | 8800 | 6901 | 1899 | | |
| | | 17-23 | 9500 | | 9300 | | 2399 | | |
| | | 00-08 | 9000 | | 8800 | | 1899 | | |
| | 3rd May 2014 | 08-17 | 8600 | 200 | 8400 | 6901 | 1499 | | |
| | | 17-23 | 9100 | | 8900 | | 1999 | | |
| | | 00-07 | 9000 | | 8800 | | 1899 | | |
| | 4th May 2014 | 17-23 | 9000 | 200 | 8800 | 6901 | 1899 | | |
| | | 07-17 | 8500 | | 8300 | | 1399 | | |
| | | 00-17 | 9000 | | 8800 | | 1899 | | |
| | 5th May 2014 to 31st May 2014 | 17-23 | 9500 | 200 | 9300 | 6901 | 2399 | | |
| | | 00-17 | 9000 | | 8800 | | 1899 | | |

* 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) KWPC, n) Vandana Vidyt

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 be 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.

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

Limiting Constraints

| Corridor | Constraint |
|-------------------|--|
| NR-WR | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. |
| WR-NR | High loading of 765 kV Agra-Gwalior (1250 MW SPS setting on each circuit of 765 kV Gwalior-Agra) and high loop flows on 400kV Kankroli-Zerda and 400kV Bhinmal-Zerda. |
| NR-ER | (n-1) contingency of 400 kV Allahabad-Pusauli |
| ER-NR | (n-1) contingency of 400 kV Kahalgaon-Biharshariff |
| W3-ER | (n-1) contingency of 400kV Sterlite-Rourkela S/C |
| ER-W3 | High loading of 400 kV Raipur-Bhadrawati T/C, Bhilai-Bhadrawati S/C, Bhilai-Koradi and Bhilai-Seoni* (n-1) contingency of 400kV Raigarh-Sterlite |
| WR-SR & ER-SR | 1. Commissioning of 765kV Raichur-Sholapur S/C 2. Based on the operational experience after the synchronization of SR grid with NEW grid and due to inadvertent variation of 765kV Raichur-Sholapur line flow, observation of Low Frequency Oscillations(LFO) 3. Considering transfer capability assessment by CTU on NEW-SR corridor. |
| SR-WR | Bhadrawati HVDC B/B link capacity |
| SR-ER | |
| ER-NER | (n-1) contingency of 400 kV Kahalgaon-Biharshariff (during Off-Peak Hours) (n-1) contingency of one circuit of 400 kV Balipara – Bongaigaon D/C (during Peak Hours) |
| NER-ER | (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa |
| S1-S2 | (n-1) contingency of 400 kV Kolar-Hosur D/C line, 400kV Hosur-Salem S/C and 400kV Somanahalli-Salem S/C line. |
| Import of Punjab | (n-1) contingency of ICT at Patiala/Moga |
| W3 zone Injection | (n-1) contingency of 400 kV Raipur-Wardha-Parli Section |

*Primary constraints

Simultaneous Import Capability

| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments |
|------------------|--------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|--|
| ER | | | | | | | | | |
| NR | 1st May 2014 | 00-17 | 8000 | 800 | 7200 | 6423 | 777 | | |
| | | 23-24 | 8000 | | 7200 | | 777 | | |
| | 2nd May 2014 | 00-07 | 8000 | 800 | 7200 | 6423 | 777 | | |
| | | 07-24 | 7700 | | 6900 | | 477 | | |
| | 3rd May 2014 | 00-17 | 8000 | 800 | 7200 | 6423 | 777 | | |
| | | 23-24 | 8000 | | 7200 | | 777 | | |
| | 4th May 2014 | 00-09 | 8000 | 800 | 7200 | 6423 | 777 | | |
| | | 09-24 | 7600 | | 6800 | | 377 | | |
| | 5th May 2014 | 00-05 | 8000 | 800 | 7200 | 6423 | 777 | | |
| | | 05-24 | 8000 | | 7200 | | 777 | | |
| | 6th May 2014 | 00-05 | 8000 | 800 | 7200 | 6423 | 777 | | |
| | | 05-24 | 7600 | | 6800 | | 377 | | |
| | 7th May 2014 | 00-05 | 8000 | 800 | 7200 | 6423 | 777 | | |
| | | 05-24 | 7600 | | 6800 | | 377 | | |
| | 8th May 2014 | 00-05 | 8000 | 800 | 7200 | 6423 | 777 | | |
| | | 05-24 | 7700 | | 6900 | | 477 | | |
| | 09th May 2014 | 00-05 | 8000 | 800 | 7200 | 6423 | 777 | | |
| | | 05-24 | 7700 | | 6900 | | 477 | | |
| | 10th May 2014 to 31st May 2014 | 00-17 | 8000 | 800 | 7200 | 6423 | 777 | | |
| | | 23-24 | 8000 | | 7200 | | 777 | | |
| NER ² | 1st May 2014 to 31st May 2014 | 00-06 | 720 | 50 | 670 | 205 | 465 | | |
| | | 23-24 | 720 | | 670 | 210 | 460 | | |
| | | 06-17 | 720 | | 670 | 210 | 460 | | |
| | | 17-18 | 640 | | 590 | 210 | 380 | | |
| | | 18-23 | 640 | | 590 | 205 | 385 | | |
| WR | | | | | | | | | |
| SR | 1st May 2014 to 2nd May 2014 | 00-06 | 1750 | 0 | 1750 | 1593 | 157 | | |
| | | 18-24 | 1750 | | 1750 | 1638 | 112 | | |
| | 3rd May 2014 | 00-06 | 1750 | 0 | 1750 | 1593 | 157 | | |
| | | 18-24 | 1750 | | 1450 | 1638 | 0 | | |
| | | 06-17 | 1450 | | 1750 | 1638 | 112 | | |
| | 4th May 2014 to 5th May 2014 | 00-06 | 1750 | 0 | 1750 | 1593 | 157 | | |
| | | 18-24 | 1750 | | 1750 | 1638 | 112 | | |
| | 6th May 2014 | 00-06 | 1750 | 0 | 1750 | 1593 | 157 | -300 | Revised due to emergency shutdown of 400 kV JITPL-Anugul and 400 kV JITPL-Bolangir |
| | | 06-07 | 1750 | | 1750 | 1638 | 112 | | |
| | | 07-18 | 1450 | | 1450 | 1638 | 0 | | |
| | 7th May 2014 to 31st May 2014 | 00-06 | 1750 | 0 | 1750 | 1593 | 157 | | |
| | | 18-24 | 1750 | | 1750 | 1638 | 112 | | |

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

Simultaneous Export Capability

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| Corridor | Date | Time Period (hrs) | Total Transfer Capability (TTC) | Reliability Margin | Available Transfer Capability (ATC) | Long Term Access (LTA)/ Medium Term Open Access (MTOA) | Margin Available for Short Term Open Access (STOA) | Changes in TTC w.r.t. Last Revision | Comments |
|----------|-------------------------------|-------------------|---------------------------------|--------------------|-------------------------------------|--|--|-------------------------------------|----------|
| NR* | 1st May 2014 to 31st May 2014 | 00-06 | 3500 | 700 | 2800 | 590 | 2210 | | |
| | | 06-17 | 3500 | | 2800 | 720 | 2080 | | |
| | | 17-18 | 3600 | | 2900 | 720 | 2180 | | |
| | | 18-23 | 3600 | | 2900 | 590 | 2310 | | |
| | | 23-24 | 3500 | | 2800 | 590 | 2210 | | |
| NER | 1st May 2014 to 31st May 2014 | 00-17 | 530 | 100 | 430 | 0 | 430 | | |
| | | 23-24 | 550 | | 450 | 450 | | | |
| WR | | | | | | | | | |
| SR* | 1st May 2014 to 31st May 2014 | 00-17 | 2100 | 0 | 2100 | 197 | 1903 | | |
| | | 23-24 | 2100 | | 2100 | 1903 | | | |

* 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 | (n-1) contingency of 400 kV Kahalgaon-Biharshariff 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 Kankrol-Zerda and 400kV Bhinnal-Zerda. |
| | Export | (n-1) contingency of 400kV Zerda-Bhinnal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Allahabad-Pusauli |
| NER | Import | (n-1) contingency of 400 kV Kahalgaon-Biharshariff (during Off-Peak hours) and (n-1) contingency of one circuit of 400 kV Balipara – Bongaigaon D/C (during Peak Hours) |
| | Export | (n-1) contingency of 400/220 kV_2x315 MVA ICTs at Misa |
| SR | Import | 1. Commissioning of 765kV Raichur-Sholapur S/C 2. Based on the operational experience after the synchronization of SR grid with NEW grid and due to inadvertent variation of 765kV Raichur-Sholapur line flow, observation of Low Frequency Oscillations(LFO). 3. Considering transfer capability assessment by CTU on NEW-SR corridor. |
| | Export | |

*Primary constraints

National Load Despatch Centre
Total Transfer Capability for May 2014

| Revision No | Date of Revision | Period of Revision | Reason for Revision | Corridor Affected |
|-------------|------------------|---------------------------|--|----------------------|
| 1 | 19/02/2014 | Whole Month | Revised due to change in Inter-regional flow pattern & COD of Sasan UMPP Unit-2 | ER-NR/ WR-NR |
| | | | Revised considering operational experience and margins on HVDC | ER-SR/ WR- SR |
| | | | Review of flow pattern due to network topology change and Load Generation Balance. | W3 Zone Injection |
| 2 | 05/03/2014 | Whole Month | Re-Routing of transactions on West-East-North Corridor discontinued on account of Inter-Regional Loop flows leading to physical congestion on WR-NR. | WR-NR/ ER-NR |
| 3 | 13/03/2014 | Whole Month | Margin revised due to withdrawal/cancellation of 150MW MTOA from Corporate Power Limited | ER-SR |
| 4 | 25/03/2014 | Whole Month | Margin revised due to correction in LTA/MTOA figure. | NR-WR |
| 5 | 29/03/2014 | Whole Month | Margin revised due to grant of 150 MW LTA towards SR from NEW grid | ER-SR |
| 6 | 29/04/2014 | Whole Month | Margin revised due to Non-Commissioning of Kudankulam U-1,Vallur U-3 unit and NLC-2 EXP units and Allocation of 150 MW to TANGEDCO. | S1-S2 |
| | | | Margin revised due to incorporation of existing Solar Power Allocation to SR, ER, NER constituents between 6 hrs -18 hrs in LTA figures and allocation data available on RPCs RTA/REA. | NR-ER/ ER- SR |
| | | | Margin revised due to Commissioning of Sasan Unit-4. | WR-NR |
| | | | Margin revised considering the LTA/MTOA allocation available in RPCs RTA/REA and due to incorporation of existing Solar Power Allocation to Assam. | ER-NER |
| | | | Margin revised considering the LTA/MTOA allocation available in RPCs RTA/REA. | NR-WR/ ER-NR |
| 7 | 30/04/2014 | 01/05/2014 | Revised due to shutdown of 400kV Raipur-Wardha Circuit-2. | W3 Zone Injection |
| | | 01/05/2014- 02/05/2014 | Revised due to shutdown of 400 kV Rourkela-Sundergarh-Raigarh Ckt-II | W3-ER |
| 8 | 01/05/2014 | 02/05/2014 | Revised due to shutdown of 400 kV Biharshariff-Banka Ckt-II | ER-NR |
| | | | Revised due to 400 kV Rourkela-Sundergarh-Raigarh Ckt-II shutdown not being availed | W3-ER |

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Total Transfer Capability for May 2014**

| Revision No | Date of Revision | Period of Revision | Reason for Revision | Corridor Affected |
|--------------------|-------------------------|---------------------------|--|--------------------------|
| 9 | 02/05/2014 | 03/05/2014 | Revised due to shutdown of 400 kV Raipur-Bhadrawati-II | W3 injection |
| | | | Revised due to shutdown of 400 kV JITPL-Anugul-Meramundli | ER-SR |
| | | 03/05/2014 to 04/05/2014 | Revised due to shutdown of 400 kV Rourkela-Sundergarh-Raigarh Ckt-II | W3-ER |
| 10 | 03/05/2014 | 04/05/2014 | Revised due to shutdown of 400 kV Raipur-Wardha-I | W3 injection |
| | | | Revised due to shutdown of 765 kV Bus-I of 765/400 kV Agra Substation | WR-NR |
| 11 | 04/05/2014 | 05/05/2014 | Revised due to shutdown of 400 kV Bhiwani (PG) - Mohindergarh ckt-1 | WR-NR |
| | | 06/05/2014 | Revised due to shutdown of 400 kV Bhiwani (PG) - Mohindergarh ckt-2 | |
| | | 07/05/2014 | Revised due to shutdown of 400 kV Dhanonda - Mohindergarh ckt-1 | |
| | | 08/05/2014 | Revised due to shutdown of 400 kV Dhanonda - Mohindergarh ckt-2 | |
| 12 | 05/05/2014 | 05/05/2014 to 09/05/2014 | Revised due to rescheduling of 400 kV Bhiwani (PG) - Mohindergarh ckt-1, ckt-2 and 400 kV Dhanonda - Mohindergarh ckt-1 and ckt-2 shutdown | WR-NR |
| | | 06/05/2014 to 07/05/2014 | Revised due to shutdown of 400 kV Hosur-Salem Ckt 2 | S1-S2 |
| | | | Revised due to emergency shutdown of 400 kV JITPL-Anugul and 400 kV JITPL-Bolangir | ER-SR |
| 13 | 05/05/2014 | 06/05/2014 | | |

ASSUMPTIONS IN BASECASE

Month : May '14

| S.No. | Name of State/Area | Load | | Generation | |
|------------|----------------------------|----------------|--------------------|--------------|---------------|
| | | Peak Load (MW) | Off Peak Load (MW) | Peak (MW) | Off Peak (MW) |
| I | NORTHERN REGION | | | | |
| 1 | Punjab | 5971 | 5191 | 2258 | 2229 |
| 2 | Haryana | 5885 | 5116 | 3178 | 3178 |
| 3 | Rajasthan | 7955 | 6916 | 5132 | 5116 |
| 4 | Delhi | 4102 | 3566 | 1296 | 1296 |
| 5 | Uttar Pradesh | 11500 | 10090 | 6358 | 6354 |
| 6 | Jammu & Kashmir | 2133 | 1854 | 387 | 420 |
| 7 | Uttarakhand | 1628 | 1415 | 461 | 416 |
| 8 | Himachal Pradesh | 1413 | 1228 | 469 | 385 |
| 9 | Chandigarh | 238 | 192 | 0 | 0 |
| 10 | ISGS/IPPs | | | 18314 | 13943 |
| | Total NR | 40825 | 35568 | 37853 | 33337 |
| | | | | | |
| II | EASTERN REGION | | | | |
| 1 | West Bengal | 4920 | 4680 | 4920 | 3644 |
| 2 | Jharkhand | 1070 | 850 | 580 | 420 |
| 3 | Orissa | 3745 | 2780 | 3180 | 2160 |
| 4 | Bihar | 1770 | 1500 | 0 | 0 |
| 5 | Damodar Valley Corporation | 2670 | 2350 | 3752 | 3336 |
| 6 | Sikkim | 96 | 32 | 0 | 0 |
| 7 | Bhutan | 108 | 110 | 494 | 484 |
| 8 | ISGS/IPPs | 245 | 250 | 7253 | 7344 |
| | Total ER | 14624 | 12552 | 20179 | 17388 |
| | | | | | |
| III | WESTERN REGION | | | | |
| 1 | Chattisgarh | 3400 | 2700 | 1629 | 1629 |
| 2 | Madhya Pradesh | 7728 | 5521 | 3632 | 3013 |
| 3 | Maharashtra | 16790 | 15516 | 13037 | 11828 |
| 4 | Gujarat | 12301 | 11245 | 11178 | 9102 |
| 5 | Goa | 367 | 257 | | |
| 6 | Daman and Diu | 264 | 245 | | |
| 7 | Dadra and Nagar Haveli | 590 | 585 | | |
| 8 | ISGS/IPPs | 1258 | 1240 | 17391 | 16068 |
| | Total WR | 42698 | 37309 | 46867 | 41640 |
| | | | | | |

| | | | | | |
|-----------|-----------------------------|---------------|---------------|---------------|---------------|
| IV | SOUTHERN REGION | | | | |
| 1 | Andhra Pradesh | 11603 | 10209 | 7716 | 6690 |
| 2 | Tamil Nadu | 11969 | 10938 | 7142 | 6612 |
| 3 | Karnataka | 8415 | 6979 | 6440 | 4970 |
| 4 | Kerala | 3314 | 2552 | 1724 | 893 |
| 5 | Pondy | 329 | 276 | | |
| 6 | Goa | 84 | 83 | | |
| 7 | ISGS/IPPs | | | 10873 | 10054 |
| | Total SR | 35714 | 31037 | 33895 | 29219 |
| V | NORTH-EASTERN REGION | | | | |
| 1 | Arunachal Pradesh | 120 | 84 | 0 | 0 |
| 2 | Assam | 1350 | 980 | 240 | 200 |
| 3 | Manipur | 120 | 84 | 0 | 0 |
| 4 | Meghalaya | 310 | 217 | 60 | 55 |
| 5 | Mizoram | 75 | 52.5 | 4 | 4 |
| 6 | Nagaland | 120 | 84 | 12 | 12 |
| 7 | Tripura | 250 | 130 | 110 | 110 |
| 8 | ISGS/IPPs | | | 1188 | 938 |
| | Total NER | 2345 | 1631.5 | 1614 | 1319 |
| | Total All India | 136206 | 118098 | 140408 | 122903 |