## National Load Despatch Centre Total Transfer Capability for July 2021

Issue Date: 29th June, 2021 Issue Time: 1800 hrs Revision No. 5

	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
		00-06				253	1747		
NR-WR*	1st July 2021 to 31st July 2021	06-18	2500	500	2000	1339	661		
		18-24				253	1747		
			18450		17950	11010			
		00-06	17500**	500	17000**	10060**	6940		
IVD ND#	1st July 2021 to	06.10	18450	500	17950	11399	c551		
WR-NR*	31st July 2021	06-18	17500**	500	17000**	10449**	6551		
			18450		17950	11010			
		18-24	17500**	500	17000**	10060**	6940		
		00.01	0005		1005	100	1 1000		
NR-ER*	1st July 2021 to	00-06 06-18	2000 2000	200	1800 1800	193 603	1607 1197		
IN-LK	31st July 2021	18-24	2000	200	1800	193	1607		
ER-NR*	1st July 2021 to 31st July 2021	00-24	6850	300	6550	4280	2270		
W3-ER	1st July 2021 to	00-24					No limit is bein	g specified.	
	31st July 2021 1st July 2021 to								
ER-W3	31st July 2021	00-24					No limit is bein	g specified.	
ER-W3			9350		8700			g specified.	
	31st July 2021 1st July 2021 to	00-05	9350 9350	650	8700 8700	3896	4804	g specified.	
ER-W3 WR-SR^	31st July 2021		9350 9350 9350	650	8700 8700 8700	3896		g specified.	
WR-SR <sup>^</sup>	31st July 2021 1st July 2021 to	00-05 05-22	9350	650	8700	3896 769	4804 4804	g specified.	
WR-SR	31st July 2021 1st July 2021 to 31st July 2021 1st July 2021 to	00-05 05-22 22-24	9350 9350		8700 8700		4804 4804 4804	g specified.	
WR-SR <sup>^</sup>	31st July 2021 to 31st July 2021 to 31st July 2021 to 31st July 2021 to 31st July 2021 to	00-05 05-22 22-24 00-24	9350 9350		8700 8700	769	4804 4804 4804 3431	g specified.	
WR-SR <sup>^</sup>	31st July 2021 1st July 2021 to 31st July 2021 1st July 2021 to 31st July 2021	00-05 05-22 22-24 00-24	9350 9350 4600	400	8700 8700 4200	769 2673	4804 4804 4804 3431 2727	g specified.	
WR-SR <sup>^</sup>	31st July 2021 to 31st July 2021 to	00-05 05-22 22-24 00-24 00-06 06-18	9350 9350 4600	400	8700 8700 4200	769 2673 2758	4804 4804 4804 3431 2727 2642		
WR-SR <sup>^</sup> SR-WR *  ER-SR <sup>^</sup>	31st July 2021 to 31st July 2021 to 31st July 2021 1st July 2021 to 31st July 2021 1st July 2021 to 31st July 2021	00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-24	9350 9350 4600 5750	400	8700 8700 4200 5400	769 2673 2758 2673	4804 4804 4804 3431 2727 2642 2727 No limit is bein		
WR-SR <sup>^</sup> SR-WR *  ER-SR <sup>^</sup>	31st July 2021 to 31st July 2021 to	00-05 05-22 22-24 00-24 00-06 06-18 18-24	9350 9350 4600	400	8700 8700 4200	769 2673 2758	4804 4804 4804 3431 2727 2642 2727		
WR-SR^ SR-WR *  ER-SR^ SR-ER *	31st July 2021 to	00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-24	9350 9350 4600 5750	350	8700 8700 4200 5400	769 2673 2758 2673	4804 4804 4804 3431 2727 2642 2727 No limit is bein		Change in Load Consention notions of NED
WR-SR^ SR-WR *  ER-SR^ SR-ER *	31st July 2021 to 31st July 2021 to	00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-24 00-02 02-07 07-12 12-18	9350 9350 4600 5750 1850 1850 1850	400	8700 8700 4200 5400 1805 1805 1805	769  2673  2758  2673  474  474  474  474  474	4804 4804 4804 3431 2727 2642 2727 No limit is being 831 831 831		Change in Load-Generation pattern of NER
WR-SR^ SR-WR*  ER-SR^ SR-ER*	31st July 2021 to	00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-24 00-02 02-07 07-12 12-18 18-22	9350 9350 4600 5750 1850 1850 1850 1850	350	8700 8700 4200 5400 5400 1805 1805 1805 1555	769 2673 2758 2673 474 474 474 474 474 474	4804 4804 4804 3431 2727 2642 2727 No limit is bein, 831 831 831 831		Change in Load-Generation pattern of NER
WR-SR^ SR-WR *  ER-SR^ SR-ER *	31st July 2021 to	00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-02 02-07 07-12 12-18 18-22 22-24	9350 9350 4600 5750 1850 1850 1850 1600 1850	350	8700 8700 4200 5400 5400 1805 1805 1805 1805 1805	769  2673  2758  2673  474  474  474  474  474  474  474	4804 4804 4804 3431 2727 2642 2727 No limit is bein 831 831 831 831 831 831		Change in Load-Generation pattern of NER
WR-SR^ SR-WR *  ER-SR^ SR-ER *	31st July 2021 to	00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-02 02-07 07-12 12-18 18-22 22-24 00-02	9350 9350 4600 5750 1850 1850 1850 1850 1850 2900	350	8700 8700 4200 5400 5400 1805 1805 1805 1805 1805 2855	769  2673  2758  2673  474  474  474  474  474  474  83	4804 4804 4804 3431 2727 2642 2727 No limit is bein 831 831 831 831 581 831 3272		Change in Load-Generation pattern of NER
WR-SR^ SR-WR *  ER-SR^ SR-ER *	31st July 2021 to 31st July 2021	00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-02 02-07 07-12 12-18 18-22 22-24 00-02 02-07	9350 9350 4600 5750 1850 1850 1850 1850 1850 2900 2900	350	8700 8700 4200 5400 5400 1805 1805 1805 1805 1805 2855 2855	769  2673  2758  2673  474  474  474  474  474  474  474	4804 4804 4804 3431 2727 2642 2727 No limit is bein; 831 831 831 831 831 831 581 831 3272 3272		Change in Load-Generation pattern of NER
WR-SR^ SR-WR*  ER-SR^ SR-ER*	31st July 2021 to 31st July 2021 lst July 2021 to 31st July 2021 t	00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-24 00-02 02-07 07-12 12-18 18-22 22-24 00-02 02-07 07-12	9350 9350 4600 5750 1850 1850 1850 1850 1850 2900 2900 2900	350	8700 8700 4200 4200 5400 5400 1805 1805 1805 1805 1805 1805 2855 2855 2855	769  2673  2758  2673  474  474  474  474  474  474  474	4804 4804 4804 3431 2727 2642 2727 No limit is bein, 831 831 831 831 831 831 3272 3272		Change in Load-Generation pattern of NER  Change in Load-Generation pattern of NER
WR-SR^ SR-WR*  ER-SR^ SR-ER*	31st July 2021 to 31st July 2021	00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-24 00-02 02-07 07-12 12-18 18-22 22-24 00-02 02-07 07-12 12-18	9350 9350 4600 5750 1850 1850 1850 1850 1850 2900 2900 2900 2900	400 350 45	8700 8700 4200 4200 5400 5400 1805 1805 1805 1805 1805 2855 2855 2855 2855	769  2673  2758  2673  474  474  474  474  474  474  474	4804 4804 4804 4804 3431 2727 2642 2727 No limit is being 831 831 831 831 831 831 3272 3272 3272 3272		
WR-SR^ SR-WR*  ER-SR^ SR-ER*	31st July 2021 to 31st July 2021 lst July 2021 to 31st July 2021 t	00-05 05-22 22-24 00-06 06-18 18-24 00-02 02-07 07-12 12-18 18-22 22-24 00-02 02-07 07-12 12-18 18-22	9350 9350 4600 5750 1850 1850 1850 1850 1850 2900 2900 2900	400 350 45	8700 8700 4200 4200 5400 5400 1805 1805 1805 1805 1805 1805 2855 2855 2855	769  2673  2758  2673  474  474  474  474  474  474  474	4804 4804 4804 4804 3431 2727 2642 2727 No limit is bein, 831 831 831 831 831 831 3272 3272 3272 3272 3272 3232		
WR-SR <sup>^</sup> SR-WR *  ER-SR <sup>^</sup>	31st July 2021 to 31st July 2021 lst July 2021 to 31st July 2021 t	00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-24 00-02 02-07 07-12 12-18 18-22 22-24 00-02 02-07 07-12 12-18	9350 9350 4600 5750 1850 1850 1850 1850 1850 2900 2900 2900 2900 2860	400 350 45	8700 8700 4200 4200 5400 5400 1805 1805 1805 1805 1805 2855 2855 2855 2855 2855	769  2673  2758  2673  474  474  474  474  474  474  474	4804 4804 4804 4804 3431 2727 2642 2727 No limit is being 831 831 831 831 831 831 3272 3272 3272 3272		

## National Load Despatch Centre Total Transfer Capability for July 2021

Issue Date: 29th June, 2021 Issue Time: 1800 hrs Revision No. 5

Corridor Da	Time Period (hr	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
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<sup>\*</sup> 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).

\*\*Considering 400 kV Rihand stage-III - Vindhyachal PS D/C line as inter-regional line for the purpose of scheduling, metering and accounting and 950 MW ex-bus generation in Rihand stage-III. Rihand Stage III generation is considered as NR regional entity.

- 1) S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala
- 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) KWPCL, n)Vandana Vidyut o)RKM, p)GMR Raikheda, q)Ind Barath and any other regional entity generator in Chhattisgarh

# 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 will be revised to normal values if the shutdown is not being availed in real time.

Real Time TTC/ATC revisions are uploaded on POSOCO/NLDC "News Update" (Flasher) Section

^Though 2X315 MVA, 400/220 kV ICTs at Maradam are N-1 non-compliant, the TTC of WR-SR and ER-SR corridor has not been restricted due to the same considering that this aspect will be managed by AP SLDC through appropriate measures like SPS implementation.

^In case of drawl of Karnataka beyond 3800 MW, the voltages in Bengaluru area are observed to be critically low. This issue may be taken care of by Karnataka SLDC by taking appropiate measures.

SR-WR TTC/ATC figures have been calculated considering 01 unit (800 MW) at Kudgi TPS in service. The figures are subject to change with change in generation at Kudgi TPS.

WR-NR/Import of NR TTC has been calculated considering generation at Pariccha TPS as 350 MW. TTC figures are subject to change with significant change in generation at Pariccha TPS.

ER-NER TTC has been increased by 500MW after reversal of HVDC BNC-APD-Agra to avoid violation in ER-NER corridor due to BNC-Agra power direction from BNC to Agra. 500MW again subtracted along with LTA/MTOA from ATC to keep STOA marging unchanged in ER-NER/NER Import

NER-ER TTC has been decreased by 500MW after reversal of HVDC BNC-APD-Agra and 500MW again added after subtracting LTA/MTOA from ATC to keep STOA marging unchanged in NER-ER/NER export.

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
		00-06	25300 24350**		24500 23550**	15289 14339**	9211		
			25300		24500	15678			
		06-09	24350**		23550**	14728**	8822		
NR	1st July 2021 to	09-17	25300	800	24500	15678	8822		
INK	31st July 2021		24350**		23550**	14728**			
			25300		24500	15678	8822		
			24350**		23550**	14728**			
		18-24	25300		24500	15289	9211		
		18-24	24350**		23550**	14339**			
		00-02	1350		1305	474	831	530	
		02-07	1350		1305	474	831	530	
NER*	1st July 2021 to	07-12	1350	45	1305	474	831	500	Change in Load-Generation pattern of
IVEK	31st July 2021	12-18	1350	15	1305	474	831	500	NER
		18-22	1100		1055	474	581	510	
		22-24	1350		1305	474	831	530	
WR*									
		00-06	15100		14100	6570	7530		
SR*#	1st July 2021 to 31st July 2021	06-18	15100	1000	14100	6655	7445		

<sup>\*</sup> 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).

6570

7530

14100

Margin in Simultaneous import of NR = A

31st July 2021

18-24

15100

WR-NR ATC =B

ER-NR ATC = C

Margin for WR-NR applicants = A \* B/(B+C)

Margin for ER-NR Applicants = A \* C/(B+C)

<sup>\*\*</sup>Considering 400 kV Rihand stage-III - Vindhyachal PS D/C line as inter-regional line for the purpose of scheduling, metering and accounting and 950 MW ex-bus generation in Rihand stage-III. Rihand Stage-III generation is considered as NR regional entity.

<sup>\*</sup> For approving STOA Bilateral transactions, margin available in Simultaneous Import of NR would be apportioned on WR-NR Corridor & ER-NR Corridor in the following ratio:

Real Time TTC/ATC revisions are uploaded on POSOCO/NLDC "News Update" (Flasher) Section

#Though 2X315 MVA, 400/220 kV ICTs at Maradam are N-1 non-compliant, the TTC of SR Import has not been restricted due to the same considering that this aspect will be managed by AP SLDC through appropriate measures like SPS implementation.

In case of drawl of Karnataka beyond 3800 MW, the voltages in Bengaluru area are observed to be critically low. This issue may be taken care of by Karnataka by taking appropriate measures.

WR-NR/Import of NR TTC has been calculated considering generation at Pariccha TPS as 350 MW. TTC figures are subject to change with significant change in generation at Pariccha TPS.

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
		00-06	4500		3800	446	3354		
NR*	1st July 2021 to 31st July 2021	06-18	4300	700	3800	1942	1858		
	•	18-24	4500		3800	446	3354		
		00-02	3400		3355	83	3272	200	
	1st July 2021 to	02-07	3400	45	3355	83	3272	200	
NER*		07-12	3400		3355	83	3272	270	Change in Load-
NEK.	31st July 2021	12-18	3400		3355	83	3272	220	Generation pattern of NEF
		18-22	3360		3315	83	3232	180	
		22-24	3400		3355	83	3272	200	
WR*									
SR*^	1st July 2021 to 31st July 2021	00-24	3700	400	3300	1489	1811		

<sup>\*</sup> 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).

Real Time TTC/ATC revisions are uploaded on POSOCO/NLDC "News Update" (Flasher) Section

^SR Export TTC/ATC figures have been calculated considering 01 unit (800 MW) at Kudgi TPS in service. The figures are subject to change with change in generation at Kudgi TPS.

		Applicable Revisions
Corridor	Constraint	
WR-NR	N-1 contingency of 1500 MVA, 765/400 kV ICT at Agra will overload the other ICT	Rev- 0 to 2
WK-NK	N-1 contingency of 1000 MVA, 765/400 kV ICT at Orai will overload the other ICT	Rev- 3 to 5
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	Rev- 0 to 5
ER-NR	<ol> <li>N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt.</li> <li>Inter-regional flow pattern towards NR</li> </ol>	Rev- 0 to 2
	Inter-regional flow pattern towards NR	Rev- 3 to 5
WR-SR	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	
and ER-	N-1 of one ckt of 765kV Angul-Srikakulam D/C will overload the other circuit	Rev- 0 to 5
SR	Low Voltage at Gazuwaka (East) Bus.	
	a) N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt b) N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs	Rev- 0 to 5
ER-NER	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C	Rev- 0 to 5
	a) N-1 contingency of 220 kV Salakati - Alipurduar I or II b) High Loading of 220 kV Salakati - Alipurduar II or I	Rev- 0 to 5
W3 zone Injection		Rev- 0 to 5

## **Limiting Constraints (Simultaneous)**

			Applicable Revisions		
		<ol> <li>N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt.</li> <li>Inter-regional flow pattern towards NR</li> </ol>	Rev- 0 to 2		
	Import	Inter-regional flow pattern towards NR	Rev- 3 to 5		
NR		N-1 contingency of 1500 MVA, 765/400 kV ICT at Agra will overload the other ICT	Rev- 0 to 2		
		N-1 contingency of 1000 MVA, 765/400 kV ICT at Orai will overload the other ICT	Rev- 3 to 5		
	Export	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak.	Rev- 0 to 5		
	Export	(n-1) contingency of 400 kV Saranath-Pusauli	Kev- 0 to 3		
	Turan out	a) N-1 contingency of 400 kV Bongaigaon - Azara line	Rev- 0 to 5		
NER	Import	b) High Loading of 220 kV Salakati - BTPS D/C	Rev- 0 to 5		
NEK	E4	a) N-1 contingency of 220 kV Salakati - Alipurduar I or II	D 0 to 5		
	Export	b) High Loading of 220 kV Salakati - Alipurduar II or I	Rev- 0 to 5		
		N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT			
	Import	N-1 of one ckt of 765kV Angul-Srikakulam D/C will overload the other circuit	Rev- 0 to 5		
SR		ow Voltage at Gazuwaka (East) Bus			
	Export	N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt	Rev- 0 to 5		
	Export	N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs	Kev- 0 to 5		

## National Load Despatch Centre Total Transfer Capability for July 2021

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected		
			Revised STOA margin due to change in LTA allocations			
1	28th April 2021	Whole month	Revised STOA margin due to change in LTA allocations	WR-SR/ SR Import		
			Revised STOA margin due to change in LTA allocations	SR-WR/SR Export		
			1) Revised STOA margin due to increase in LTA allocations by			
			13 MW (77 MW to 90 MW) from AWEK1L to UPPCL.	WR-NR/NR Import		
2	28th May 2021	Whole month	2) Revised STOA margin due to LTA allocations of 13 MW from	WK-INK/INK IIIIport		
2	2011 Way 2021	Whole month	AWEK1L to Chandigarh.			
			3) Revised STOA margin due to decrease in LTA allocation by	SR-WR/SR Export		
			38 MW (100 MW to 62 MW) from BETAM to UP (NR).	3N-WN/3N EXPORT		
	4th June 2021		a) Reversal in HVDC APD-Agra power flow	WR-NR, ER-NR & NR Import		
3		Whole month	b) Commissioning of 765kV Ajmer-Phagi D/C and 765kV			
			G.Noida-Fatehabad S/C			
			a) Revised STOA margin due to decrease in LTA allocations by 5			
			MW (90 MW to 85 MW) from AWEK1L to UPPCL	WR-NR/NR Import		
			b) Revised STOA margin due to increase in LTA allocations by	Wik-Wiky Wik IIIIport		
			21 MW (19 MW to 40 MW) from AWEK1L to Chandigarh			
			Revised STOA margin due to increase in LTA allocations by 10	WR-SR/ SR Import		
4	28th June 2021	Whole month	MW (65 MW to 75 MW) from AWEKTL-WR to KSEB	WK-3K/ 3K IIIIpuit		
			Revised STOA margin due to increase in LTA allocation by 4	SR-WR		
			MW (62 MW to 68 MW) from BETAM to UP (NR)	JN-VVIV		
			Revised STOA margin due to increase in LTA allocation from			
			BETAM to UP (NR) & Odisha each by 4 MW (62 MW to 8MW)	SR Export		
5	29th June 2021	Whole month	Change in Load-Generation pattern in NER	NER Import/Export		

ASSUM	IPTIONS IN BASECASE					
	-			Month: July 2021		
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	8870	8570	4131	4093	
2	Haryana	10956	8109	7616	2701	
3	Rajasthan	10391	10864	6738	7490	
4	Delhi	5570	5669	809	796	
5	Uttar Pradesh	21017	19125	10234	10142	
6	Uttarakhand	2022	1844	1109	1066	
7	Himachal Pradesh	1544	1273	759	752	
8	Jammu & Kashmir	2799	2009	1010	935	
9	Chandigarh	333	233	0	0	
10	ISGS/IPPs	48	47	21601	19435	
	Total NR	63550	57741	54007	47410	
Π	EASTERN REGION					
1	Bihar	6537	5467	357	351	
2	Jharkhand	1958	1452	513	504	
3	Damodar Valley Corporation	2985	2632	5876	4211	
4	Orissa	4513	4165	4011	3817	
5	West Bengal	9704	8176	7056	6240	
6	Sikkim	119	112	0	0	
7	Bhutan	180	174	2365	2325	
8	ISGS/IPPs	810	810	15824	11588	
	Total ER	26807	22988	36002	29036	
III	WESTERN REGION					
1	Maharashtra	20891	16233	13424	7750	
2	Gujarat	16875	13083	11324	6911	
3	Madhya Pradesh	9583	6057	3721	2720	
4	-	4913	3406	3075	2498	
5	Chattisgarh  Daman and Diu	371	294	0	0	
		936	843	0	0	
6 7	Dadra and Nagar Haveli Goa-WR	936 594	458	0	0	
		4322				
8	ISGS/IPPs		1998	39810	35909	
	Total WR	58484	42373	71354	55788	

IV	SOUTHERN REGION				
1	Andhra Pradesh	9726	6764	6156	5259
2	Telangana	7749	6397	5460	3885
3	Karnataka	11026	6642	7563	6044
4	Tamil Nadu	16436	14080	8074	7041
5	Kerala	3750	2270	1617	458
6	Pondy	263	193	0	0
7	Goa-SR	41	40	0	0
8	ISGS/IPPs	9	9	16819	9897
	Total SR	49000	36395	45689	32584
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	136	81	119	62
2	Assam	1682	1449	573	519
3	Manipur	203	78	106	100
4	Meghalaya	310	258	311	241
5	Mizoram	153	56	54	28
6	Nagaland	151	109	65	29
7	Tripura	425	243	305	300
8	ISGS/IPPs	0	0	2403	1922
	Total NER	3060	2275	3936	3201
	Total All India	200902	161773	210988	168019