

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

Issue Date: 26/08/2015

Issue Time: 1530 hrs

Revision No. 21

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 Aug 2015 to 31st Aug 2015	00-24	2500	500	2000	421	1579		
WR-NR*	1st Aug 2015 to 6th Aug 2015	00-17 23-24	5100	500	4600	5277	0		
		17-23	5100		4600		0		
	7th Aug 2015	00-18 18-24	5100 4900	500	4600 4400	5277	0 0		
		00-17 23-24	4900		4400		0		
	8th Aug 2015	00-17 23-24	4900	500	4400	5277	0		
		17-23	4900		4400		0		
	9th Aug 2015 to 13th Aug 2015	00-17 23-24	4650	500	4150	5277	0		
		17-23	4650		4150		0		
	14th Aug 2015 to 15th Aug 2015	00-17 23-24	5750	500	5250	5277	0		
		17-23	5750		5250		0		
	16th Aug 2015	00-07	5750	500	5250	5277	0		
		07-17'	4750		4250		0		
		17-24	4750		4250		0		
	17th Aug 2015	00-07	5750	500	5250	5277	0		
		07-17'	5000		4500		0		
		17-24	5000		4500		0		
	18th Aug 2015 to 25th Aug 2015	00-17 23-24	5750	500	5250	5277	0		
		17-23	5750		5250		0		
26th Aug 2015	00-07	6400	500	5900	5277	623			
	07-24'	5400		4900		0			
27th Aug 2015	00-07	6400	500	5900	5638	262			
	07-24'	5400		4900		0			
28th Aug 2015 to 31st Aug 2015	00-17 23-24	6400	500	5900	5638	262			
	17-23	6400		5900		262			
NR-ER*	1st Aug 2015 to 31st Aug 2015	00-06	2000	200	1800	293	1507		
06-18'		2000	1800		358	1442			
18-24		2000	1800		293	1507			
ER-NR*	1st Aug 2015 to 31st Aug 2015	00-17 23-24	4800	300	4500	2431	2069		
17-23		4800	4500		2069				
W3-ER^s	1st Aug 2015 to 31st Aug 2015	00-24	No limit is being specified. No Re-routing is allowed via W3-ER-NR.						
ER-W3	1st Aug 2015 to 31st Aug 2015	00-24	1000	300	700	874	0		
WR-SR	1st Aug 2015	00-05	2700	750	1950	1550	400		
		05-07'	2300		1550	1550	0		
		07-22'	2300		1550	1550	0		
		22-24	2700		1950	1550	400		
	2nd Aug 2015	00-05	2700	750	1950	1550	400		
		05-22'	2300		1550	1550	0		
		22-24	2700		1950	1550	400		
	3rd Aug 2015	00-05	2700	750	1950	1550	400		
		05-08'	2300		1550	1550	0		
		08-22'	1000	0	1000	1550	0		
	4th Aug 2015	00-05	2700	750	1950	1550	400		
		05-22'	2300		1550	1550	0		
		22-24	2700		1950	1550	400		
	5th Aug 2015	00-05	2700	750	1950	1550	400		
		05-07'	2300		2300	1550	0		
		07-22	1000	0	1000	1550	0		
	6th Aug 2015 to 8th Aug 2015	00-05	2700	750	1950	1550	400		
		05-22'	2300		1550	1550	0		
22-24		2700	1950		1550	400			
9th Aug 2015	00-05	2700	750	1950	1550	400			
	05-06'	2300		1550	1550	0			
	06-22'	1000	0	1000	1550	0			
	22-24	1000	0	1000	1550	0			

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	10th Aug 2015	00-05	2700	750	1950	1550	400				
		05-22'	2100		1350	1550	0				
		22-24	2500		1750	1550	200				
	11th Aug 2015 to 15th Aug 2015	00-05	2700	750	1950	1550	400				
		05-22'	2300		1550	1550	0				
		22-24	2700		1950	1550	400				
	16th Aug 2015	00-05	2700	750	1950	1550	400				
		05-07'	2300		1550	1550	0				
		07-22'	1000		0	1550	0				
	17th Aug 2015 to 18th Aug 2015	22-24	1000	0	1000	1550	0				
		00-05	2700		1950	1550	400				
		05-22'	2300		1550	1550	0				
	19th Aug 2015	22-24	2700	750	1950	1550	400				
		00-05	2700		1950	1550	400				
		05-06'	2300		1550	1550	0				
	20th Aug 2015	06-08'	2050	750	1300	1550	0				
		08-22'	1800		1050	1550	0				
		22-24	2200		1450	1550	0				
	21st Aug 2015 to 31st Aug 2015	00-05	2700	750	1950	1550	400				
		05-06'	2300		1550	1550	0				
		06-22'	2050		1300	1550	0				
SR-WR *	1st Aug 2015 to 31st Aug 2015	22-24	2700	750	1700	1550	150				
		00-05	2700		1950	1550	400				
		05-22'	2300		1550	1550	0				
No limit is being Specified.											
ER-SR	1st Aug 2015 to 3rd Aug 2015	00-06	2650	0	2650	2300	350				
		18-24								2365	285
		06-18'									
	4th Aug 2015 to 19th Aug 2015	00-06	2650	0	2650	1857	793				
		18-24								1922	728
	20th Aug 2015 to 31st Aug 2015	00-06	2650	0	2650	2300	350				
18-24		2365								285	
SR-ER *	1st Aug 2015 to 31st Aug 2015	06-18'	2650	0	2650	2300	350				
		18-24								2365	285
No limit is being Specified.											
ER-NER	1st Aug 2015 to 31st Aug 2015	00-17	1000	40	960	210	750				
		23-24								990	780
NER-ER	1st Aug 2015 to 31st Aug 2015	17-23	1310	30	1280	0	1280				
		00-17								1300	40
No limit is being Specified.											
S1-S2	1st Aug 2015 to 31st Aug 2015	00-24	S1-S2 corridor TTC/ATC is uploaded on NLDC website under Intra-Regional Section in Monthly ATC.								
Import of Punjab	1st Aug 2015 to 31st Aug 2015	00-24	Import of Punjab TTC/ATC is uploaded on NLDC website under Intra-Regional Section in Monthly ATC.								
Import of DD & DNH	1st Aug 2015 to 31st Aug 2015	00-24	Import of DD & DNH TTC/ATC is uploaded on NLDC website under Intra-Regional Section in Monthly ATC.								
W3 zone Injection	1st Aug 2015 to 4th Aug 2015	00-17	9400	200	9200	7236	1964				
		23-24								9900	9700
	5th Aug 2015 to 9th Aug 2015	17-23	9400	200	9200	7576	1624				
		00-17								9900	9700
	10th Aug 2015 to 31st Aug 2015	23-24	9400	200	9200	7576	1624				
		00-17								9900	9700

* 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).

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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
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\$ 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 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 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 (14000 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 400 kV Biharshariff- Lakhisarai S/C
ER-W3	1. n-1 of 400 kV Wardha – Parli will lead to 30 degrees angular separation between Wardha and Parli. 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. 2. (n-1) contingency of one circuit of 400kV Parli(PG)-Sholapur(PG) 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 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other 400/220 kV, 315 MVA ICT at Misa
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
W3 zone Injection	1. n-1 of 400 kV Wardha – Parli will lead to 30 degrees angular separation between Wardha and Parli. 2. (n-1) contingency of one circuit of 400kV Parli(PG)-Sholapur(PG)

*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 Aug 2015 to 13th Aug 2015	00-05	7500	800	6700	7708	0			
		08-24	8000		7200		0			
	14th Aug 2015 to 15th Aug 2015	00-05	8500	800	7700	7708	0			
		08-24	9000		8200		0			
	16th Aug 2015	00-05	8500	800	7700	7708	0			
		08-24	7000		6200		0			
		05-07	9000		8200		0			
		07-08	7000		6200		0			
	17th Aug 2015	00-05	8500	800	7700	7708	0			
		08-24	7350		6550		0			
		05-07	9000		8200		0			
		07-08	7350		6550		0			
	18th Aug 2015 to 25th Aug 2015	00-05	8500	800	7700	7708	0			
		08-24	9000		8200		0			
	26th Aug 2015	00-05	9100	800	8300	7708	592			
		05-07	9600		8800		1092			
		07-08	8600		7800		92			
		08-24	8100		7300		0			
	27th Aug 2015	00-05	9100	800	8300	8069	231		STOA Margin revised due to Operationalization of LTA & MTOA.	
		05-07	9600		8800		731			
07-08		8600	7800		0					
08-24		8100	7300		0					
28th Aug 2015 to 31st Aug 2015	00-05	9100	800	8300	8069	231		STOA Margin revised due to Operationalization of LTA & MTOA.		
	05-08	9600		8800		731				
	08-19	9100		8300		231				
	19-24	8500		7700		0				
NER	1st Aug 2015 to 31st Aug 2015	00-17	1000	40	960	210	750			
		23-24	1030		990		780			
WR										
	1st Aug 2015	00-05	5350	750	4600	3850	750			
		05-06	4950		4200		3850			350
		06-07	4950		4200		3915			285
		07-18	4950		4200		3915			285
		18-22	4950		4200		3850			350
		22-24	5350		4600		3850			750
	2nd Aug 2015	00-05	5350	750	4600	3850	750			
		05-06	4950		4200		3850			350
		06-18	4950		4200		3915			285
		18-22	4950		4200		3850			350
	3rd Aug 2015	22-24	5350	0	4600	3850	750			
		00-05	5350		4600		3850			750
		05-06	4950		4200		3850			350
		06-08	4950		4950		3915			1035
		08-18	3650		3650		3915			0
	4th Aug 2015	18-22	3650	750	3650	3850	0			
		22-24	3650		3650		3850			0
		00-05	5350		4600		3407			1193
		05-06	4950		4200		3407			793
		06-18	4950		4200		3472			728
	5th Aug 2015	18-22	4950	0	4200	3407	793			
		22-24	5350		4600		3407			1193
		00-05	5350		4600		3407			1193
		05-06	4950		4200		3407			793
06-07		4950	4950		3472		1478			
07-18		3650	2900		3472		-572			
		18-22	3650	2900	3407	-507				
		22-24	3650	2900	3407	-507				

SR	6th Aug 2015 to 8th Aug 2015	00-05	5350	750	4600	3407	1193		
		05-06'	4950		4200	3407	793		
		06-18'	4950		4200	3472	728		
		18-22'	4950		4200	3407	793		
		22-24	5350		4600	3407	1193		
	9th Aug 2015	00-05	5350	750	4600	3407	1193		
		05-06'	4950		4200	3407	793		
		06-18'	3650		0	3650	3472	178	
		18-22'	3650			3650	3407	243	
		22-24	3650			3650	3407	243	
	10th Aug 2015	00-05	5350	750	4600	3407	1193		
		05-06'	4750		4000	3407	593		
		06-18'	4750		4000	3472	528		
		18-22'	4750		4000	3407	593		
		22-24	5150		4400	3407	993		
	11th Aug 2015 to 15th Aug 2015	00-05	5350	750	4600	3407	1193		
		05-06'	4950		4200	3407	793		
		06-18'	4950		4200	3472	728		
		18-22'	4950		4200	3407	793		
		22-24	5350		4600	3407	1193		
	16th Aug 2015	00-05	5350	750	4600	3407	1193		
		05-06'	4950		4200	3407	793		
		06-07'	4950		4950	3472	1478		
		07-18'	3650		0	3650	3472	178	
		18-22'	3650			3650	3407	243	
	22-24	3650	3650	3407		243			
	17th Aug 2015 to 18th Aug 2015	00-05	5350	750	4600	3407	1193		
		05-06'	4950		4200	3407	793		
		06-18'	4950		4200	3472	728		
		18-22'	4950		4200	3407	793		
		22-24	5350		4600	3407	1193		
	19th Aug 2015	00-05	5350	750	4600	3407	1193		
		05-06'	4950		4200	3407	793		
		06-08'	4700		3950	3472	478		
		08-18'	4450		3700	3472	228		
		18-22'	4450		3700	3407	293		
	20th Aug 2015	00-05	5350	750	4600	3850	750		
		05-06'	4950		4200	3850	350		
		06-18'	4700		3950	3915	35		
		18-22'	4700		3950	3850	100		
		22-24	5100		4350	3850	500		
	21st Aug 2015 to 31st Aug 2015	00-05	5350	750	4600	3850	750		
		05-06'	4950		4200	3850	350		
		06-18'	4950		4200	3915	285		
		18-22'	4950		4200	3850	350		
		22-24	5350		4600	3850	750		

Simultaneous Export Capability

Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA)	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments
NR*	1st Aug 2015 to 31st Aug 2015	00-06	4500	700	3800	714	3086		
		06-18'			3800	779	3021		
		18-24			3800	714	3086		
NER	1st Aug 2015 to 31st Aug 2015	00-17	1310	30	1280	0	1280		
		23-24	1300	40	1260				
		17-23						1260	
WR									
SR *	1st Aug 2015 to 31st Aug 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	Import	(n-1) contingency of 400 kV Biharshariff- Lakhisarai S/C High loading of 765 kV Agra-Gwalior (14000 MW SPS setting on each circuit of 765 kV Gwalior-Agra) and high loop flows on 400kV Kankroli-Zerda and 400kV Bhinmal-Zerda (power flowing from WR to NR on 765kV Gwalior-Agra D/C and from NR to WR on 400kV Kankroli-Zerda and 400kV Bhinmal-Zerda).
	Export	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Saranath-Pusauli
NER	Import	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other 400/220 kV, 315 MVA
	Export	ICT at Misa
SR	Import	1. n-1 of 400 kV Wardha – Parli will lead to 30 degrees angular separation between Wardha and Parli. 2. (n-1) contingency of one circuit of 400kV Parli(PG)-Sholapur(PG)
		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 August 2015**

Revision No	Date of Revision	Period of Revision	Reason for Revision	Corridor Affected
1	6/16/2015	Whole month	Revised considering skewed sharing of flows on WR-NR and ER-NR corridor in the range 70:30	Import of NR
2	6/29/2015	1-8-15 - 21-8-15	LTA/MTOA revised due to Talcher Stage 2 Unit 3 Shut-Down and Jhajjar Re-Allocation	ER-SR / NR-WR
		22-8-15 - 31-8-15	LTA/MTOA revised due to Jhajjar Re-Allocation	
3	7/16/2015	1-8-15 - 21-8-15	STOA Margin revised due to deferment of Talcher Stage 2 Unit 3 Shut-Down.	ER-SR
4	7/20/2015	Whole month	STOA Margin revised considering CERC order dated 03-07-2015 in petition No- 92/MP/2015 which is under implementation by CTU. Pending this any margins would be released for short term transactions on day ahead basis.	ER-SR
5	7/27/2015	Whole month	Revised considering the present Maharashtra demand pattern.	WR-SR
6	7/31/2015	8/1/2015	Revised due to shutdown of 400kV Ramagundam-Bhadrawati Ckt-1.	WR-SR
		Whole month	Revised considering present WR-NR and ER-NR Inter-regional flow pattern flow in the range 68:32	Import of NR
7	7/31/2015	8/1/2015	Revised due to cancellation of 400kV Ramagundam-Bhadrawati Ckt-1 shutdown by indenting agency.	WR-SR
8	8/2/2015	8/3/2015	Revised due to shutdown of 765 kV Sholapur-Raichur-2	WR-SR
9	8/3/2015	4-8-15 - 19-8-15	STOA Margin revised due to shutdown of Talcher Stage-2 Unit-3.	ER-SR
10	8/4/2015	5-8-15 - 31-8-15	STOA Margin revised due to Operationalization of LTA.	W3
11	8/4/2015	8/5/2015	Due to the shutdown of 765 kV Raichur-Shoalpur-2	WR-SR
12	8/7/2015	7-8-15 - 17-8-15	Revised due to Overloading of 400kV SSP-Asoj S/C (Note: At present, due to Outage of Vindhyachal HVDC Block TTC was further reduced by 250MW).	WR-NR
13	8/8/2015	9/8/2015	Revised due to the shutdown of 400 kV Parli(PG)-Sholapur(PG) D/C	WR-SR
14	8/7/2015	9-8-15 - 31-8-15	Revised due to Outage of Vindhyachal HVDC Block-1	WR-NR
15	8/9/2015	8/10/2015	Revised due to shutdown of 765 kV Sholapur-Pune	WR-SR
16	8/13/2015	14-8-15 - 31-8-15	Revised due to commissioning of 765kV Gwalior-Phagi -1 & 2.	WR-NR & Import of NR
17	8/14/2015	8/16/2015	Revised due to shutdown of 400 kV Wardha-Parli ckt 1	WR-SR
			Revised due to shutdown of HVDC Mundra - Mahendragarh Pole 1	WR-NR & Import of NR
18	8/16/2015	8/17/2015	Revised due to shutdown of HVDC Mundra - Mahendragarh Pole 2	WR-NR & Import of NR

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19	8/18/2015	8/19/2015	Revised due to shutdown of 400kV ramagundam-Bhadrawati ckt-1 and HVDC Bhadrawati pole-1.	WR-SR
		8/20/2015	Revised due to shutdown of 400kV ramagundam-Bhadrawati ckt-1	
20	8/25/2015	26-8-15 - 27-8-15	Revised due to shutdown of Mundra-Mohindergarh HVDC Pole-2 on 26th, Pole-1 on 27th and commissioning of 765kV Phagi-Bhiwani S/C.	WR-NR & Import of NR
		28-8-15 - 31-8-15	Revised due to commissioning of 765kV Phagi-Bhiwani S/C.	
21	8/26/2015	27-8-15 - 31-8-15	STOA Margin revised due to Operationalization of LTA & MTOA.	WR-NR & Import of NR

ASSUMPTIONS IN BASECASE					
				Month : August '15	
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	8713	8161	4857	4826
2	Haryana	8363	7722	3103	3103
3	Rajasthan	9308	8711	5400	5399
4	Delhi	5197	4629	1251	1251
5	Uttar Pradesh	13078	14381	6632	6641
6	Uttarakhand	1707	1599	775	698
7	Himachal Pradesh	1212	1081	1132	1137
8	Jammu & Kashmir	2252	1650	634	589
9	Chandigarh	304	250	0	0
10	ISGS/PPs	0	0	20759	19350
	Total NR	50134	48182	44543	42994
II	EASTERN REGION				
1	Bihar	2295	1977	210	110
2	Jharkhand	898	692	499	404
3	Damodar Valley Corporation	2555	2323	3100	3043
4	Orissa	3491	2769	2847	2160
5	West Bengal	6943	6534	4946	3576
6	Sikkim	80	40	0	0
7	Bhutan	107	107	1170	1000
8	ISGS/PPs	607	607	10535	9591
	Total ER	16976	15049	23307	19884
III	WESTERN REGION				
1	Maharashtra	18462	13082	12556	7174
2	Gujarat	13136	8742	10115	6180
3	Madhya Pradesh	7004	4347	3935	2521
4	Chattisgarh	3488	2084	2491	1036
5	Daman and Diu	287	250	0	0
6	Dadra and Nagar Haveli	675	640	0	0
7	Goa-WR	474	286	0	0
8	ISGS/PPs	1059	1059	23713	21391
	Total WR	44585	30489	52810	38302

IV	SOUTHERN REGION				
1	Andhra Pradesh	6293	6002	5623	5039
2	Telangana	6866	6242	2944	2103
3	Karnataka	7897	6360	7633	5727
4	Tamil Nadu	13380	11277	8916	7189
5	Kerala	3271	1992	1694	693
6	Pondy	336	273	0	0
7	Goa-SR	69	69	0	0
8	ISGS/IPPs	0	0	8665	8530
	Total SR	38112	32215	35475	29281
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	134	100	0	0
2	Assam	1070	1003	284	242
3	Manipur	133	124	0	0
4	Meghalaya	305	205	198	148
5	Mizoram	71	44	4	3
6	Nagaland	111	115	21	16
7	Tripura	270	170	110	110
8	ISGS/IPPs	7	7	1554	1464
	Total NER	2101	1768	2171	1983
	Total All India	151909	127703	158306	132444