# National Load Despatch Centre Total Transfer Capability for July 2017

Issue Date: 19th July 2017 Issue Time: 1200 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	
NID VIIID	1st July 2017 to	00-06	2500	500	2000	55	1945			
NR-WR*	31st July 2017	06-18 18-24	2500	500	2000	65 55	1935 1945		-	
	1st July 2017 to		0050	500	9550					
	4th July 2017	00-24	9050	500	8550	7951	599			
	5th July 2017 and	00-530 530-14	9050 7750	500	8550	7951 7951	599 0		-	
	6th July 2017	14-24	9050	500 500	7250 8550	7951	599		1	
	_	00-0730'	9050	500	8550	7951	599			
	7th July 2017	0730-24	8550	500	8050	7951	99			
WR-NR*	8th July 2017 to 14th July 2017	00-24	8550	500	8050	7951	99			
	15th July 2017 to 18th July 2017	00-24	9050	500	8550	7951	599			
	19th July 2017	00-24	7550	500	7050	7951	0			
	20th July 2017 to 21st July 2017	00-24	7550	500	7050	7951	0	-1500	Revised due to forced outage of HVDC Champa-Kurukshetra Pole-1	
	22nd July 2017 to 31st July 2017	00-24	9050	500	8550	7951	599			
	1st July 2017 to	00-06	2000		1800	193	1607			
NR-ER*	31st July 2017	06-18'	2000	200	1800	303	1497			
	1st July 2017 to	18-24	2000		1800	193	1607			
ER-NR*	31st July 2017	00-24	4500	300	4200	2983	1217			
W3-ER	1st July 2017 to 31st July 2017	00-24		No limit is being specified.						
ER-W3	1st July 2017 to 31st July 2017	00-24				No li	imit is being specifi	ied.		
	1st July 2017	00-05	4350	500	3850		0			
		05-22	4350		3850	3888	0		-	
		22-24 00-05	4350 4350	500	3850 3850		0			
	2 11 1 2017	05-0730	4350		3850	3888	0			
	2nd July 2017	0730-22	2950		2450		0			
		22-24	2950		2450		0			
	3rd July 2017 to	00-05	4350	700	3850	2000	0		-	
	17th July 2017	05-22 22-24	4350 4350	500	3850 3850	3888	0			
		00-05	4350		3850		0			
	18th July 2017	05-09	4350		3850		0			
WR-SR	and	09-14	3550	500	3050	3888	0			
	19th July 2017	14-22 22-24	4350 4350		3850 3850		0			
		00-05	4350		3850		0			
	20th July 2017	05-22	4350	500	3850	3888	0			
		22-24 00-05	4350 4350		3850 3850		0			
		05-0830	4350		3850		0		Revised due to Black start Mock Drill	
	21st July 2017	0830-14	3350	500	2850	3888	0	-1000	exercise at HVDC Bhadravati and	
		14-22	4350		3850		0		Ramagundam	
		22-24 00-05	4350 4350		3850 3850		0			
	22nd July 2017	05.22	4350	500	3850	3888	0			
	to 31st July 2017	22-24	4350		3850		0			
SR-WR *	1st July 2017 to 31st July 2017	00-24				No li	mit is being Specifi	ied.		
	1st July 2017 to	00-06				3061	139			
	8th July 2017 to	06-18'	3450	250	3200	3146	54			
ER-SR	J = 3.7	18-24 00-06				3061 3061	139 139			
LA-SK	001 7 1 201	06-0830'	3450	0.70	3200	3146	54			
	09th July 2017	0830-18	3100	250	2850	3146	0			
		18-24	3450		3200	3061	139			

#### National Load Despatch Centre Total Transfer Capability for July 2017

Issue Date: 19th July 2017 Issue Time: 1200 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			
	10th July 2017 to 13th July 2017	06-18	3450	250	3200	3061 3146	139 54					
ER-SR	14th July 2017 to 31st July 2017	18-24 00-06 06-18' 18-24	3450	250	3200	3061 2618 2703 2618	139 582 497 582					
SR-ER *	1st July 2017 to 31st July 2017	00-24				No li	mit is being Specif	ied.				
		00.15	1007		000		7.7					
	1st July 2017 to	00-17	1035	45	990	225	765					
	4th July 2017	17-23	1010		965		740					
		23-24	1035		990		765					
	5th July 2017	00-08	1035	45	990	225	765					
ED MED		08-16	790		745		520					
ER-NER		16-17	1035		990		765					
		17-23	1010		965		740					
		23-24	1035		990		765					
	6th July 2017 to 31st July 2017	00-17	1035	45	990	225	765					
		17-23	1010		965	225	740					
		23-24	1035		990		765					
	1st July 2017 to	00-17	1180		1135		1135					
	4th July 2017	17-23	1050	45	1005	0	1005					
		23-24	1180		1135		1135					
		00-08	1180		1135		1135					
MED ED	51.7.1.2015	08-16	930		885		885					
NER-ER	5th July 2017	16-17	1180	45	1135	0	1135					
		17-23	1050		1005		1005					
		23-24	1180		1135		1135					
	6th July 2017 to	00-17	1180	4.5	1135		1135					
	31st July 2017	17-23	1050	45	1005	0	1005					
	,	23-24	1180		1135		1135					
W3 zone Injection Note: TTC//	1st July 2017 to 31st July 2017 ATC of S1-(S2&S	00-24		o limit is being specified (In case of any constraints appearing in the system, W3 zone export would be revised accordingly) ort of S3(Kerala), Import of Punjab and Import of DD & DNH is uploaded on NLDC website under Intra-Regional Section								

in Monthly ATC.

\* 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

2) W3 comprises of the following regional entities:

First Serve).

- 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.

<sup>1)</sup> S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala

#### **Simultaneous Import Capability**

Corrido r	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									
		00-05	12900		12100		1166		
		05-08	12900		12100		1166		
	1st July 2017 to	08-18	12900	800	12100	10934	1166		
	4th July 2017	18-23	11600		10800		0		
		23-24	12900		12100		1166		
		00-0530	12900		12100		1166		
	5th July 2017	0530-08	11100		10300		0		
	and	08-14	11100	800	10300	10934	0		
	6th July 2017	14-18	12900	000	12100	10754	1166		
	ourvary 2017	18-23	11600		10800		0		
		23-24	12900		12100		1166		
		00-05	12900		12100		1166		
	51.71.0015	05-0730	12900	000	12100	10001	1166		
	7th July 2017	0730-18	12200	800	11400	10934	466		
		18-23	11000		10200		0		
		23-24	12200		11400		466		
		00-05	12200		11400		466		
	8th July 2017 to	05-08	12200	800	11400	10934	466		
	14th July 2017	08-18	12200		11400		466 0		
NR		18-23	11000 12200		10200 11400		466		
INK.		23-24 00-05	12200		12100		1166		
	15th July 2017 to 18th July 2017	05-08	12900	800	12100		1166		
		08-18	12900		12100	10934	1166		
		18-23	11600		10800		0		
		23-24	12900		12100		1166		
		00-05	10800	800	10000		0		
		05-08	10800		10000	10934	0		
	19th July 2017	08-18	10800		10000		0		
		18-23	9700		8900		0		
		23-24	10800		10000		0		
		00-05	10800		10000		0	-2100	
	20th July 2017	05-08	10800	800	10000		0	-2100	Revised due to forced outage of HVDC Champa-
	to 21st July	08-18	10800		10000	10934	0	-2100	
	2017	18-23	9700		8900		0	-1900	Kurukshetra Pole-1
		23-24	10800		10000		0	-2100	
		00-05	12900		12100		1166		
	22nd July 2017	05-08	12900	000	12100	10024	1166		
	to 31st July	08-18	12900	800	12100	10934	1166		
	2017	18-23	11600		10800		0		
		23-24	12900		12100		1166		
	1st July 2017 to	17.23	1035 1010	45	990 965	225	765 740		
	4th July 2017	17-23		43	990	223	740		
		23-24 00-08	1035 1035		990		765		
		08-16	790		745		520		
NER	5th July 2017	16-17	1035	45	990	225	765		
	2017	17-23	1010		965		740		
		23-24	1035		990		765		
		00.17	1035		990		765		
	6th July 2017 to	17-23	1010	45	965	225	740		
	31st July 2017	23-24	1035	-	990	-	765		
WR									
· · · · ·									

		00.05	7900	Г	7050	6040	101		Γ
		00-05	7800	-	7050	6949	101		
	1 . 1 1 2017	05-06	7800	750	7050	6949	101		
	1st July 2017	06-18	7800	750	7050	7034	16		
		18-22	7800		7050	6949	101		
		22-24	7800		7050	6949	101		
		00-05	7800	1	7050	6949	101		
		05-06	7800	1	7050	6949	101		
	2nd July 2017	06-0730	7800	750	7050	7034	16		
	2114 0417 2017	0730-18	6400		5650	7034	0		
		18-22	6400	]	5650	6949	0		
		22-24	6400		5650	6949	0		
		00-05	7800	]	7050	6949	101		
	3rd July 2017 to	05-06	7800	]	7050	6949	101		
	8th July 2017 to	06-18	7800	750	7050	7034	16		
	our Jury 2017	18-22	7800		7050	6949	101		
		22-24	7800		7050	6949	101		
		00-05	7800		7050	6949	101		
		05-06	7800	1	7050	6949	101		
	00th July 2017	06-0830	7800	750	7050	7034	16		
	09th July 2017	0830-18	7450	750	6700	7034	0		
		18-22	7800	1	7050	6949	101		
		22-24	7800	1	7050	6949	101		
		00-05	7800		7050	6949	101		
	10th July 2017	05-06	7800	1	7050	6949	101		
	to 13th July	06-18	7800	750	7050	7034	16		
	2017	18-22	7800	1	7050	6949	101		
		22-24	7800	1	7050	6949	101		
G.D.		00-05	7800		7050	6506	544		
SR	14th July 2017	05-06	7800	1	7050	6506	544		
	to 17th July	06-18	7800	750	7050	6591	459		
	2017	18-22	7800	1	7050	6506	544		
		22-24	7800	1	7050	6506	544		
		00-05	7800		7050	6506	544		
		05-06	7800		7050	6506	544		
	18th July 2017	06-09	7800	1	7050	6591	459		
	and	09-14	7000	750	6250	6591	0		
	19th July 2017	14-18	7800	1	7050	6591	459		
		18-22	7800	1	7050	6506	544		
		22-24	7800	1	7050	6506	544		
		00-05	7800		7050	6506	544		
		05-06	7800	1	7050	6506	544		
	20th July 2017	06-18	7800	750	7050	6591	459		
		18-22	7800	1	7050	6506	544		
		22-24	7800	1	7050	6506	544		
		00-05	7800		7050	6506	544		
		05-06	7800	1	7050	6506	544		
		06-0830	7800	†	7050	6591	459		Revised due to Black start
	21st July 2017	0830-14	6800	750	6050	6591	0	-1000	Mock Drill exercise at
	215t July 2017	14-18	7800	1 '30	7050	6591	459	-1000	HVDC Bhadravati and
		18-22	7800	1	7050	6506	544		Ramagundam
		22-24	7800	1	7050	6506	544		
		00-05	7800	<del> </del>	7050	6506	544		
	22nd July 2017	05-06	7800	1	7050	6506	544		
	to	06-18	7800	750	7050	6591	459		
	31st July 2017	18-22	7800	1 130	7050	6506	544		
	518t July 2017			1					
	<u> </u>	22-24	7800	ļ	7050	6506	544		

<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).

Margin in Simultaneous import of NR = A

WR-NR ATC = BER-NR ATC = C

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

<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:

#### **Simultaneous Export Capability**

Corrido r	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	
	1st July 2017 to	00-06	4500		3800	248	3552			
NR*	31st July 2017	06-18'		700	3800	368	3432			
	erseeding 2017	18-24	4500		3800	248	3552			
	1st July 2017 to 4th July 2017	00-17	1180	45	1135	0	1135			
		17-23	1050		1005		1005			
		23-24	1180		1135		1135			
	5th July 2017	00-08	1180	45	1135	0	1135			
		08-16	930		885		885			
NER		16-17	1180		1135		1135			
		17-23	1050		1005		1005			
		23-24	1180		1135		1135			
	6th July 2017 to	00-17	1180		1135		1135			
	31st July 2017	17-23	1050	45	1005	0	1005			
	518t July 2017	23-24	1180		1135		1135			
WR										
** 1										
SR *	1st July 2017 to 31st July 2017	00-24		No limit is being Specified.						

<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).

## **Limiting Constraints (Corridor wise)**

Corridor	Constraint	Applicable Revisions
NR-WR	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak	All
	(n-1) Contingnecy of 765kV Gwalior-Agra one ckt leads to 2750 MW loading on second circuit. High Loading of 400kV Singrauli-Anpara S/C.	All
WR-NR	(n-1) Contingnecy of 765kV Gwalior-Agra one ckt leads to 2750 MW loading on second circuit. High Loading of 400kV Singrauli-Anpara S/C and restriction on power flow of HVDC Vindhyachal from WR to NR.	Rev 8 - 13
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	All
ER-NR	(n-1) contingencies of N.Ranchi - Chandawa S/c & (n-1) contingencies of 400kV MPL- Maithon S/c and high availability of Hydro power	All
	(n-1) contingency of 765kV Aurangabad-Sholapur will lead to 874 MW loading on 400kV Vemagiri(PG)-Gazuwaka (With Opening of 400kV Vemagiri(PG)-Nunna S/C)	Rev 0
	(n-1) contingency of 400 kV Dichipalli-Ramagundam or (n-1) contingency of one circuit of 765kV Aurangabad-Sholapur will lead to 874 MW loading on 400kV Vemagiri(PG)-Gazuwaka (With Opening of 400kV Vemagiri(PG)-Nunna S/C)	Rev 1-4, Rev 6-8, 10, 13
WR-SR & ER SR	(n-1) contingency of other ckt of 765kV Raichur-Sholapur will lead to 874MW loading on 400kV Vemagiri(PG)-Gazuwaka (With Opening of 400kV Vemagiri(PG)-Nunna S/C)	Rev 5
	(n-1) contingency of One pole will lead to 874MW loading on 400kV Vemagiri(PG)-Gazuwaka (With Opening of 400kV Vemagiri(PG)-Nunna S/C and one unit at simhadri-i is under annual maintenance)	Rev 9
	(n-1) contingency of ICT # 2 at Nizamabad will lead to 874MW loading on 400kV Vemagiri(PG)-Gazuwaka (With Opening of 400kV Vemagiri(PG)-Nunna S/C and one unit at simhadri-i is under annual maintenance)	Rev 11-12
	Low Voltage at Gazuwaka (East) Bus.	All
ER-NER	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa High loading of 220 kV Sonabil-Samaguri line(200 MW)	All
NER-ER	(n-1) contingency of 400 kV Byrnihat - Bongaigaon line High loading of 220 kV Sonabil-Samaguri line(200 MW)	All
W3 zone Injection		

## **Limiting Constraints (Simultaneous)**

			Applicable Revisions
		(n-1) contingencies of N.Ranchi - Chandawa S/c & (n-1) contingencies of 400kV MPL-Maithon S/C and high availability of Hydro power	All
	Import	(n-1) Contingnecy of 765kV Gwalior-Agra one ckt leads to 2750 MW loading on second circuit. High Loading of 400kV Singrauli-Anpara S/C.	All
NR		(n-1) Contingnecy of 765kV Gwalior-Agra one ckt leads to 2750 MW loading on second circuit.  High Loading of 400kV Singrauli-Anpara S/C and restriction on power flow of HVDC V'chal from WR to NR.	Rev 8-13
	Export	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak.	All
		(n-1) contingency of 400 kV Saranath-Pusauli	All
NER	Import	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa High loading of 220 kV Sonabil-Samaguri line(200 MW)	All
NEK	Export	(n-1) contingency of 400 kV Byrnihat - Bongaigaon line High loading of 220 kV Sonabil-Samaguri line(200 MW)	All
		(n-1) contingency of one circuit of 765kV Aurangabad-Sholapur will lead to 874 MW loading on 400kV Vemagiri(PG)-Gazuwaka (With Opening of 400kV Vemagiri(PG)-Nunna S/C)	Rev 0
		(n-1) contingency of 400 kV Dichipalli-Ramagundam or (n-1) contingency of one circuit of 765kV Aurangabad-Sholapur will lead to 874 MW loading on 400kV Vemagiri(PG)-Gazuwaka (With Opening of 400kV Vemagiri(PG)-Nunna S/C)	Rev 1-4, Rev 6-8, 10, 13
SR	Import	(n-1) contingency of other ckt of 765kV Raichur-Sholapur will lead to 874MW loading on 400kV Vemagiri(PG)-Gazuwaka (With Opening of 400kV Vemagiri(PG)-Nunna	Rev 5
		(n-1) contingency of One pole will lead to 874MW loading on 400kV Vemagiri(PG)-Gazuwaka (With Opening of 400kV Vemagiri(PG)-Nunna S/C and one unit at simhadriis under annual maintenance	Rev 9
		(n-1) contingency of ICT # 2 at Nizamabad will lead to 874MW loading on 400kV Vemagiri(PG)-Gazuwaka (With Opening of 400kV Vemagiri(PG)-Nunna S/C and one unit at simhadri-i is under annual maintenance)	Rev 11-12
		Low Voltage at Gazuwaka (East) Bus	All

### National Load Despatch Centre Total Transfer Capability for July 2017

Revision No	Date of Revision	Period of Revision	Reason for Revision	Corridor Affected		
			STOA Margins revised due to change in LTA / MTOA approved by CTU	ER - NR / Import of NR		
1	27th April 2017	Whole month	Revised considering commissioning of one pole of HVDC Champa - Kurukshetra,the present load generation balance and change in LTA/MTOA approved by CTU			
			Revised considering the commissioning of 765 kV Durg - Wardha D/C, second ICT at Vemagiri, 765 kV Wardha - Nizamabad D/C, two ICTs at Nizamabad, and 400 kV Nizamabad-Dichipally D/C.	WR - SR / ER - SR / Import of SR		
2	5th May 2017	Whole month	Revised considering the latest LTA/MTOA granted by CTU	WR - SR / ER - SR / Import of SR		
3	9th May 2017	Whole month	Whole month Revised considering the latest LTA/MTOA granted by CTU			
4	23rd May 2017	Whole month	Revised considering present Inter-regional flow pattern	Import of NR		
5	01st July 2017	02nd July 2017	Revised due to shutdown of 765kV Raichur-Sholapur-1	WR - SR / Import of SR		
6	03rd July 2017	05th July 2017	Revised due to day-time shutdown of 400/220 kV ICT-II at Misa Substation	ER - NER /NER- ER		
7	04th July 2017	05th & 06th July 2017	Due to Shutdown of Champa-Kurukshetra pole-1 for testing of Pole-2	WR-NR/ NR Import		
8	06th July 2017	07th to 14 July 2017	Revised due to shutdown of HVDC Rihand Dadri Pole-1	WR-NR/ NR Import		
9	7th July 2017	9th July 2017	Revised due to shutdown of 400kV Rengali-Indravati S/C	ER-SR/SR Import		
10	13th July 2017	14th July to 31st July 2017	Revised STOA margins due to planned shutdown of Unit#4 of Talcher Stg-II for 45 days	ER-SR/SR Import		
11	17th July 2017	18th and 19th July 2017	Revised Due to Shutdown of one ICT at Nizamabad SS	WR-SR/SR Import		
12	18th July 2017	19th July 2017	Revised due to forced outage of HVDC Champa-Kurukshetra Pole-1	WR-NR/ NR Import		
13	19th July 2017	20th July 2017 and 21st July 2017	Revised due to forced outage of HVDC Champa-Kurukshetra Pole-1	WR-NR/ NR Import		
		21st July 2017	Revised due to Black start Mock Drill exercise at HVDC Bhadravati and Ramagundam	WR-SR/SR Import		

ASSUM	IPTIONS IN BASECASE				
				Month : July'17	
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	10671	9480	4285	4302
	Haryana	8203	8052	1533	1533
	Rajasthan	8264	9534	4458	4458
	Delhi	5767	6332	940	940
	Uttar Pradesh	14322	14317	10032	10036
	Uttarakhand	1869	1634	985	962
	Himachal Pradesh	1184	1068	921	863
	Jammu & Kashmir	2359	1498	920	930
	Chandigarh	327	300	0	0
	ISGS/IPPs	27	27	19979	18386
	Total NR	52992	52241	44053	42410
	r otal r tr	32332	JZZTI	1-1000	72410
П	EASTERN REGION				
1	Bihar	3920	2608	238	238
	Jharkhand	1193	836	397	337
	Damodar Valley Corporation	2961	2554	4468	3768
4	Orissa	4173	3199	3342	2325
	West Bengal	8359	5800	5216	4148
	Sikkim	88	89	0	0
	Bhutan	245	245	982	982
	ISGS/IPPs	560	567	11255	8518
	Total ER	21469	15868	25869	20286
	Total ETC	21409	13000	23009	20200
III	WESTERN REGION		<del> </del>		
	Maharashtra	14940	11898	9694	7279
	Gujarat	12432	10131	9835	7466
	Madhya Pradesh	7044	5925	3569	3099
	Chattisgarh	3353		1915	2461
	Daman and Diu	286	3104 279	0	0
	Dadra and Nagar Haveli	740	717	0	0
	Goa-WR			0	0
	ISGS/IPPs	399	296		
0	Total WR	2701 41896	2844 35194	32655 57668	29850 50154
	Total WIX	41090	33194	37000	30134
IV	SOUTHERN REGION				
	Andhra Pradesh	7900	7330	6080	5500
	Telangana				
	Karnataka	7305 8717	5815 7530	4523 5689	3329 4314
	Tamil Nadu	14750		8145	6750
	Kerala		12574		283
	Pondy	3450 395	1780 395	1499 0	283
	Goa-SR			0	0
	ISGS/IPPs	89 0	89		
0	Total SR	_	0	11044	9692
	I Ulai Si	42606	35513	36980	29868
V	NORTH-EASTERN REGION	<del>                                     </del>	<del> </del>	<del>                                     </del>	
•	Arunachal Pradesh	4.40	00	0	<del>                                     </del>
		143	89	_	0
	Assam	1227	1069	240	200
	Manipur	150	76	0	0
	Meghalaya	268	200	214	164
	Mizoram	95	69	8	8
	Nagaland	122	83	22	16
	Tripura	254	157	75	75
8	ISGS/IPPs	100	60	2030	1888
	Total NER	2359	1803	2589	2351
	<u></u>				
	Total All India	161566	140864	168142	146052