National Load Despatch Centre Total Transfer Capability for January 2013

ssue Date:	22/01/2013		Issue Time	: 1200 hrs			Revision No.	17	
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)	Comments	
NR-WR	1st January 2013 to 31st January 2013	00-24	1500	200	1300	286	1014		
	1st January 2013 to 15th January 2013	00-24	1700	200	1500	780	720	LTA revised due to commisioning CGPL unit-30	
	16th January 2013 to 17th January 2013	00-09 18-24	1700	200	1500	780	720	Revised due to Shutdown of 220k' Kota-Badod	
WR-NR		09-18'	1600		1400		620		
	18th January 2013 to 21st January 2013	00-24	1700	200	1500	780	720		
	22nd January 2013 to 31st January 2013	00-24	1700	200	1500	1040	460	LTA/MTOA revised due to COD CGPL unit-40.	
	1st January 2012 to	00-17	800		600		600		
NR-ER	1st January 2013 to 31st January 2013	23-24		200		0			
		17-23 00-17	900		700		700		
	1st January 2013 to 3rd January 2013	23-24	2350	300	2050	1770	280	DVC LTA figures to NR included	
	31d January 2013	17-23				1770	280		
	4th January 2013	00-10 12-24	2350	300	2050	1770	280	Revised due to emergency shutdow	
	4ur Sundar y 2015	10-12'	2250	500	1950	1770	180	400 KV Kahalgaon - Biharsariff - II	
	5th January 2013 to	00-17				1770	280		
	17th January 2013	23-24 17-23	2350	300	2050	1770	280		
		00-11	2250						
	18th January 2013	19-24	2350	300	2050	1770	280	Revised due to Emergency shutdow 400kV Malda-New Purnea-I	
		11-19'	1910		1610	1610	0		
ER-NR#	19th January 2013 to	00-17 23-24	2350	300	2050	1770	280		
	22nd January 2013	17-23				1770	280		
	23rd January 2013 to	00-09 18-24	2350	300	2050	1770	280	Revisde to Shutdown of (1)400kV Banka-Biharshariff-1 on 23.01.13 from 09 to 17 hrs. (2)400kV Banka-Kahalgaon-1 on	
	25th January 2013	09-18'	1800	500	1500	1500	0	24.01.13 from 09 to 17 hrs. (3)400kV Banka-Kahalgaon-2 on 25.01.13 from 09 to 17 hrs.	
	26th January 2013 to	00-17	2350	300	2050	1770	280		
	27th January 2013	23-24 17-23	2330	500	2050	1770	280		
		00-09	2350		2050	1770	280	Revisde to Shutdown of	
	28th January 2013	18-24		300			0	(1)400kV Banka-Biharshariff-2 on 28.01.13 from 09 to 17 hrs.	
	201.1	09-18' 00-17	1800		1500	1500		20.01.15 11011 05 10 17 115.	
	29th January 2013 to 31st January 2013	23-24	2350	300	2050	1770	280		
	515t Funding 2015	17-23				1770	280		
	1st January 2012 to 20th January 2012	00-24	1400	300	1100	0	1100		
		00-07,	1400	200	1100	6	1100	Revised due to shutdown of 400 k	
	21st January 2012	18-24 07-18'	1200	300	900	0	900	Sipat-Ranchi D/C	
W3-ER		07-18						Designed due to a static states t	
	22nd January 2012	18-24	1400	300	1100	0	1100	Revised due to extension of 400 k Sipat-Ranchi D/C shutdown.	
	22.11. 2012	07-18'	1200		900		900	The real of the share with	
	23rd January 2012 to 31st January 2012	00-24	1400	300	1100	0	1100		
ER-W3	1st January 2012 to 31st January 2012	00-24	900	250	650	650	0		
WR-SR	1st January 2013 to	00-24	1000	0	1000	992	8		
	31st January 2013 1st January 2013 to			-	- 500				
SR-WR	1st January 2013 to 31st January 2013	00-24	1000	0	1000	0	1000		

National Load Despatch Centre Total Transfer Capability for January 2013

Issue Date: 22/01/2013 Issue Time: 1200 hrs

Revision No.17

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)	Comments	
	1st January 2013 to	00-05 10-19	830		830		660	Revised due to full availability of ER	
	7th January 2013	05-10		0		170		ISGS, TSTPP st-II and less drawal by	
		19-24	950*		950*		780*	Odisha.	
		00-05	830	0	830	170	660		
	8th January 2013	17-19 05-07'						Revised due to shutdown of 400 kV	
	our building 2010	19-24	950*	0	950*	170	780*	Baripada-Kharagpur-Kolaghat.	
		07-10'	750*	0	750*	170*	580*		
		10-17' 00-05	750	0	750	170	580		
	9th January 2013 to	10-19	830	0	830	170	660		
ER-SR	12th January 2013	05-10	950*	0	950*	170	780*		
		19-24							
	13th January 2013	00-05 05-19'	830 170	0	830 170	170	660 0	Revised due to shutdown of HVDC	
		19-24	950*		950*		780*	Talcher-Kolar Pole 1	
		00-05	830		830	1=0	660	Revised due to shutdown of HVDC	
	14th Januray 2013	05-19' 19-24	0 950*	0	0 950*	170	0 780*	Talcher-Kolar Pole 2	
		00-05							
		16-19	830		830		660	Revised due to shutdown of 400 KV	
	15th January 2013	07-16'	750	0	750	170	580	Kolaghat - Baripada	
		05-07 19-24	950*		950*		780*		
		00-05					0		
	16th January 2013-	10-19	830	0	830	170	660		
	31st January 2013	05-10	950*	0	950*	170	780*		
		19-24 00-17							
SR-ER	1st January 2012 to	23-24	700	0	700	197	503		
	31st January 2012	17-23	700		700		503		
	1st January 2013 to	00-17	450		415	182	233		
	15th January 2013	23-24		35					
		17-23 00-08	450		415	186	229		
	16th January 2013 to	17-24	450	35	415	182	233		
	17th January 2013	08-17'	240		205	205	0	 Revised due to Shutdown of 400 kV Balipara – Bongaigaon II from 	
	101 1 2012	00-08	450	35 35	415	182	233	16.01.13 to 19.01.13.	
	18th January 2013	19-24 08-19'	240		205	205	0	2. Revised due to Emergency	
		00-08			415	182	233	shutdown of 400kV Malda-New Purnea-I on 18.01.13.	
	19th January 2013	17-24	450					Purnea-1 on 18.01.15.	
		08-17' 00-17	240		205	205	0		
	20th January 2013 to	23-24	450	35	415	182	233		
	22nd January 2013	17-23	450		415	186	229		
ER-NER#	23rd January 2013 to 25th January 2013	00-09 18-24	450	35	415	182	233	Revisde to Shutdown of (1)400kV Banka-Biharshariff-1 on 23.01.13 from 09 to 17 hrs. (2)400kV Banka-Kahalgaon-1 on	
	25th January 2013	09-18'	300		265	186	79	(2)400 V Banka Kanagaon 1 of 24.01.13 from 09 to 17 hrs. (3)400kV Banka-Kahalgaon-2 or 25.01.13 from 09 to 17 hrs.	
	26th January 2013 to	00-17 23-24	450	35	415	182	233		
	27th January 2013	17-23	450		415	186	229		
	28th January 2013	00-09 18-24	450	35	415	182	233	Revisde to Shutdown of (1)400kV Banka-Biharshariff-2 on	
	2001 January 2015	18-24 09-18'	300		265	186	79	28.01.13 from 09 to 17 hrs.	
	29th January 2013 to	00-17	450		415	182	233		
	31st January 2013	23-24		35			233		
		17-23 00-17	450		415	186			
	1st January 2013 to 15th January 2013	23-24	600	100	500	0	500		
	15th Sandary 2015	17-23	300		200		200		
	16th January 2013 to	00-08 23-24	600		500		500		
NER-ER	17th January 2013	08-17'	100	100	0	0	0		
		17-23	300		200		200	1. Revised due to Shutdown of 40	
		00-08	600		500		500	kV Balipara – Bongaigaon II from	
	18th January 2013	23-24 08-19'	100	100	0	0	0	 16.01.13 to 19.01.13. Revised due to Emergency 	
		19-23	300		200		200	2. Revised due to Emergency shutdown of 400kV Malda-New	
		00-08	600		500		500	Purnea-I on 18.01.13.	
	19th January 2013	23-24		100	0	0	0		
		08-17' 17-23	100 300		200		200		
	20th January 2012 +-	00-17							
	20th January 2013 to		600	100	500	0	500		
	31st January 2013	23-24 17-23	300	100	200		200		

National Load Despatch Centre Total Transfer Capability for January 2013

Issue Date: 2	2/01/2013		Issue Time	: 1200 hrs			Revision No.	17	
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)	Comments	
S1-S2	1st January 2013 to 31st January 2013	00-24	5500	200	5300	4000	1300		
Import of Punjab	1st January 2013 to 31st January 2013	00-24	5400	300	5100	3243	1857		
Import TTC for DD & DNH	1st January 2013 to 31st January 2013	00-24	980	0	980	LTA and MTO. scheo			
	1st January 2013 to	00-18, 22-24	7000	200	6800	6400		6400 MW corresponds to maximum effective LTA from W3. Export Margin from W3 would vary on daily basis as per the Declared	
	4th January 2013	18-22	7500	200	7300	0400	900	daily basis as per the Declared Capability (DC) of generators scheduling power on long term basis in the zone.	
		00-08'	8000		7800		1400		
	5th January 2013	08-17'	7500	200	7300	6400	900	1. Revised due to Commissioning	
	5th January 2015	17-23'	8000		7800		1400	400 kV Raipur-Wardha D/C with	
		23-24	7500		7300		900	40% Series Compensation at Wardha end. 2.	
W3 zone	6th January 2013 to	00-17' 23-24	7500	200	7300	6400	900	Shutdown of 765 kV Seoni-Wardha ckt-1 and Seoni-Bina from 05.01.13 to 07.01.13.	
Injection	7th January 2013	17-23'	8000	200	7800	6400	1400		
	8th January 2013	00-17, 23-24	8000	200	7800	6400	1400		
		17-23 00-08	8500 8000		8300 7800		1900 1400		
	9th January 2013	08-17'	7500	200	7300	6400	900		
		17-23	8000	200	7800	6400	1400	Revised due to shutdown of 765 kV	
		23-24	7500		7300		900	Seoni-Wardha I from 09.01.13 to	
		00-17	7500 8000		7300 7800		900 1400	10.01.13	
	10th January 2013	17-19 19-23	8000	200	8300	6400	1400	-	
		23-24	8000		7800		1400	-	
	11th January 2013 to	00-17, 23-24	8000	200	7800	6400	1400		
	31st January 2013	17-23	8500		8300		1900		

National Load Despatch Centre

Total Transfer Capability for January 2013

Issue Date: 22/01/2013

Issue Time: 1200 hrs

Revision No.17

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)	Comments
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ER-SR TTC declared at Talcher Interconnector and Gazuwaka HVDC B/B seam
 S1 comprises of AP and Karnataka: S2 comprises of Tamil Nadu, Kerala and Pondicherry
 W3 comprises of the following regional entities and would be operational wef 0000 hrs of 18th September 2012
 Chattisgarh, b) Jindal Power Limited (JPL), c) Jindal Steel and Power Limited (JSPL), d) ACBL, e) LANCO Amarkantak
 BALCO, g) Sterlite (#1,3,4), h) NSPCL, i) Korba, j) Sipat
 * additional 250 MW can be transferred to SR if injection point is South Odisha

Limiting Constraints

Corridor	Constraint
NR-WR	(n-1) contingency of 400kV Bina(PG)-Bina(MP)
WR-NR	(n-1) contingency of 400 kV Bina-Gwalior
NR-ER	(n-1) contingency of 400 kV Pusauli-Biharsharif
ER-NR	(n-1) contingency of 400 kV Farakka-Malda
W3-ER	(n-1) contingency of 400 kV Farakka-Malda*
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 Rourkela-Jamshedpur
WR-SR	Bhadrawati HVDC B/B link capacity
SR-WR	(n-1) Coningency of 400kV Gooty-Somanhalli & 400kV Gooty-Nelamangala 1 Bhadrawati HVDC B/B link capacity
511 111	(n-1) contingency of 400 kV Rourkela-Talcher*
ER-SR	Low Voltage in Chennai Area
	(n-1) contingency of 400 kV Vijaywada-Nellore*
SR-ER	(n-1) contingency of 400 kV Farakka-Malda*
SK-EK	(n-1) contingency of 400 kV Kadappa-Kolar and Neyvelli- Sriperumbudur
	(n-1) contingency of 400 kV Farakka-Malda*
ER-NER	High Loading of 220 kV BTPS-Agia
EK-NEK	High Loading of 220 kV Balipara-Samaguri
	High Loading of 400/220 kV 315 MVA ICT at Misa, Balipara
NER-ER	(n-1) contingency of 400 kV Binaguri-Bongaigaon
	High loading of 132 kV LTPS - Mariani*
S1-S2	(n-1) contingency of 400 kV Hosur-Salem
Import of Punjab	(n-1) contingency of ICT at Moga
W3 zone export TTC	(n-1) contingency of 400 kV Raipur-Wardha and High loading of 400 kV Bhilai-Koradi

*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)	Comments		
ER										
	1st January 2013 to 3rd January 2013	00-17 23-24	4050	500	3550	2550	1000	LTA revised due to commisioning of CGPL unit- 30.		
	4th January 2013	17-23 00-17 23-24	4050	500	3550 3550	2550 2550	1000 1000	Revised due to emergency shutdown of 400 KV		
	5th January 2013 to 15th January 2013	17-23 00-17 23-24	3950 4050	500	3450 3550	2550 2550	900 1000	Kahalgaon - Biharsariff - II		
	16tth January 2013 to 17th January 2013	17-23 00-09 18-24	4050	500	3550 3550	2550 2550	1000 1000	Revised due to Shutdown of 220kV Kota-Badod		
	18th January 2013	09-18' 00-11 19-24	3950 4050	500	3450 3550	2550	900 1000	Revised due to Emergency shutdown of 400kV Malda-		
	19th January 2013 to	11-19' 00-17 23-24	3610 4050	500	3110 3550	2550 2550	560 1000	New Purnea-I		
	211st January 2013	17-23			3550	2550	1000			
NR#	22nd January 2013 to 31st January 2013	00-17 23-24 17-23	4050	500	3550 3550	2810 2810	740 740	LTA/MTOA revised due to COD of CGPL unit-40.		
	23rd January 2013 to	00-09 18-24	4050	500	3550	2810	740	Revisde to Shutdown of (1)400kV Banka-Biharshariff-1 on 23.01.13 from 09 to 17 hrs.		
	25th January 2013	25th January 2013 09-18'	-	-	3500	500	3000	2540	460	(2)400kV Banka-Kahalgaon-1 on 24.01.13 from 09 to 17 hrs. (3)400kV Banka-Kahalgaon-2 on 25.01.13 from 09 to 17 hrs.
	26th January 2013 to 27th January 2013	00-17 23-24 17-23	4050	500	3550	2810 2810	740 740			
	28th January 2013	00-09 18-24	4050	500	3550	2810	740	Revisde to Shutdown of (1)400kV Banka-Biharshariff-2 on 28.01.13 from 09 to 17 hrs.		
	29th January 2013 to	09-18' 00-17 23-24	3500 4050	500	3000 3550	2540 2810	460 740	01120.01.13 Holl 05 to 17 His.		
	31st January 2013	17-23 00-17				2810	740			
	1st January 2013 to 15th January 2013	23-24 17-23	450 450	35	415	182 186	233 229			
	16th January 2013 to 17th January 2013	00-08 17-24	450	35	415	182	233	1. Revised due to Shutdown		
	18th January 2013	08-17' 00-08 19-24	240 450	35	205 415	205 182	0 233	of 400 kV Balipara – Bongaigaon II from 16.01.13 to 19.01.13.		
	19th January 2013	08-19' 00-08 17-24	240 450	35	205 415	205	0 233	2. Revised due to Emergency shutdown of 400kV Malda- New Purnea-I on 18.01.13.		
	-	08-17' 00-17	240		205	205	0			
	20th January 2013 to 22nd January 2013	23-24 17-23	450 450	35	415	182	233 229			
NER#	23rd January 2013 to	00-09 18-24	450	35	415	182	233	Revisde to Shutdown of (1)400kV Banka-Biharshariff- 1 on 23.01.13 from 09 to 17 hrs. (2)400kV Banka-Kahalgaon-		
	25th January 2013	09-18'	300		265	186	79	1 on 24.01.13 from 09 to 17 hrs. (3)400kV Banka-Kahalgaon- 2 on 25.01.13 from 09 to 17 hrs.		
	26th January 2013 to	00-17 23-24	450	35	415	182	233			
	27th January 2013	17-23	450		415	186	229	Deviada da Church C		
	28th January 2013	00-09 18-24 09-18'	450 300	35	415 265	182	233 79	Revisde to Shutdown of (1)400kV Banka-Biharshariff- 2 on 28.01.13 from 09 to 17		
	29th January 2013 to 31st January 2013	00-17 23-24	450	35	415	180	233	hrs.		
	5150 January 2015	17-23	450		415	186	229			

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)	Comments
WR								
		00-05						
	1st January 2013 to	10-05	1830		1830		668	
	7th January 2013	05-10 19-24	1950*	0	1950*	1162	788*	
		00-05 17-19	1830		1830		668	Revised due to shutdown of
	8th January 2013	05-07' 19-24	1950*	0	1950*	1162	788*	400 kV Baripada-Kharagpur- Kolaghat.
		07-10'	1750*		1750*		588*	itolughut
		10-17'	1750		1750		588	
	9th January 2013 to 12th January 2013	00-05 10-19	1830	0	1830	1162	668	
		05-10 19-24	1950*		1950*		788*	
SR		00-05	1830		1830		668	Revised due to shutdown of
	13th January 2013	05-19'	1170	0	1170	1162	8	HVDC Talcher-Kolar Pole 1
		19-24	1950*		1950*		788*	
	14th Januray 2013	00-05	1830	0	1830	1162	668 0	Revised due to shutdown of
	14th Januray 2015	19-24	1950*	0	1950*	1162	788*	HVDC Talcher-Kolar Pole 2
		00-05						
		16-19	1830		1830		668	
	15th January 2013	07-16'	1750	0	1750	1162	588	Revised due to shutdown of 400 KV Kolaghat - Baripada
		05-07 19-24	1950*		1950*		788*	K v Kolagnat - Baripada
	16th January 2013-31st	00-05	1830		1830	11/2	668	
	January 2013	05-10 19-24	1950*	0	1950*	1162	788*	

* additional 250 MW can be transferred to SR if injection point is South Odisha

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)	Comments
ER-NR + ER-NER	1st January 2013 to 31st January 2013	00-17 23-24	2700	350	2350	1395	955	
DRUBR		17-23	2700		2350	1397	953	
NR	1st January 2013 to 31st January 2013	00-24	2300	500	1800	286	1514	
	1st January 2013 to	00-17 23-24	600	100	500	0	500	
	15th January 2013	17-23	300		200		200	
	16th January 2013 to 17th January 2013 18th January 2013	00-08 23-24	600	100	500	0	500	
		08-17' 17-23	100 300		0 200		0 200	1. Revised due to Shutdown
NER		00-08 23-24	600		500		500	of 400 kV Balipara – Bongaigaon II from 16.01.13 to 19.01.13.
NEK		08-19' 19-23	100 300		0 200		0 200	2. Revised due to Emergency shutdown of 400kV Malda-
	19th January 2013	00-08 23-24	600		500	0	500	New Purnea-I on 18.01.13.
	19th January 2015	08-17' 17-23	100 300	100	0 200	0	0 200	
	20th January 2013 to 31st January 2013	00-17 23-24	600	100	500	0	500	
	51st January 2015	17-23	300		200		200	
WR								
SR	1st January 2013 to 31st January 2013	00-17 23-24	1700	0	1700	197	1503	
	515t January 2015	17-23	1700		1700		1503	

Limiting Constraints

NR	Import	(n-1) contingency of 400 kV Farakka-Malda*	
		(n-1) contingency of 400 kV Bina-Gwalior*	
	Export	(n-1) contingency of 400 kV Pusauli-Biharsharif	
NER	Import	High Loading of 220 kV BTPS-Agia	
		High Loading of 220 kV Balipara-Samaguri	
		High Loading of 400/220 kV 315 MVA ICT at Misa*	
		(n-1) contingency of 400 kV Farakka-Malda*	
	Export	High loading of 132 kV LTPS - Marian	
		(n-1) contingency of 400 kV Binaguri-Bongaigaon*	
SR	Import	(n-1) Coningency of 400kV Gooty-Somanhalli & 400kV Gooty-Nelamangala l	
		(n-1) contingency of 400 kV Rourkela-Talcher*	
		Low Voltage in Chennai Area	
		(n-1) contingency of 400 kV Vijaywada-Nellore	
	Export	(n-1) contingency of Chandrapur-Parli	
		(n-1) contingency of 400 kV Maithon Kahalgaon	
		(n-1) contingency of 400 kV Kadappa-Kolar and Neyvelli- Sriperumbudur	
ER-NR + ER-NER	Export	(n-1) contingency of 400 kV Farakka-Malda*	

ASSUMPTIONS IN BASECASE

		Loa	ad	Genera	ation
S.No.	Name of State/Area	Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
I	NORTHERN REGION				
1	Punjab	5260	3870	2340	2200
2	Haryana	5160	4690	3430	3430
3	Rajasthan	7310	6600	3980	3950
4	Delhi	4060	3400	1420	1420
5	Uttar Pradesh	10550	9300	5310	5220
6	Jammu & Kashmir	1990	1400	310	250
7	Uttarakhand	1330	1100	500	28
8	Himachal Pradesh	1060	970	250	15
9	Chandigarh	250	100	0	
10	ISGS			15860	10570
	Total NR	36970	31430	33400	2747
	EASTERN REGION				
1	West Bengal	5200	4450	4600	205
2	Jharkhand	5300 900	4150	4600	395
3	Orissa	3000	850 2500	390 2800	209
4	Bihar	1500	1300	130	13
5	Damodar Valley Corporation	2200	1900	1550	1550
6	Sikkim	60	60	0	100
7	Bhutan	110	110	1400	140
8	ISGS	110	110	6300	590
	Total ER	13070	10870	17170	1541
Ш	WESTERN REGION				
1	Chattisgarh	2770	2140	2520	199
2	Madhya Pradesh	7650	6230	3440	280
3	Maharashtra	15660	11910	13110	945
4	Gujarat	9910	7880	9930	756
5	Goa	330	200		
6	Daman and Diu	220	160		
7	Dadra and Nagar Haveli	530	240	40000	4470
8	ISGS Total WR	37070	29760	13260	1170
		37070	28760	42260	3350
IV	SOUTHERN REGION				
1	Andhra Pradesh	10480	9150	7830	588
2	Tamil Nadu	10120	8950	4960	380
3	Karnataka	7640	6100	4500	344
4	Kerala	3240	2420	900	58
5	Pondy	300	240		
6	Goa	80	80		
7	ISGS			11520	1130
	Total SR	31860	26940	29710	2500
v	NORTH-EASTERN REGION				
1	Manipur	100	60	0	
2	Meghalaya	280	170	110	7
3	Mizoram	70	40	10	1
4	Nagaland	80	60	10	1
5	Assam	880	570	270	22
6	Tripura	210	150	100	9
7	Arunachal Pradesh	100	30	0	
	ISGS		0	820	42
8	1303	0	0	020	42
8	Total NER	1720	1080	1320	82