Issue Date: 17/06/2014 Issue Time: 2130 hrs Revision No. 19

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 June 2014 to 30th June 2014	00-24	2500	500	2000	297	1703		
	1st June 2014 to	00-17 23-24	4700	500	4200	4380	0		
	07th June 2014	17-23	4700	300	4200	4360	0		
	08th June 2014	00-17 23-24	3950	500	3450	4380	0		
WR-NR		17-23 00-17	3950		3450		0		
	09th June 2014	23-24	3950	500	3450	4380	0		
	1045 Terms 2014 45	17-23 00-17	3950		3450		0		
	10th June 2014 to 30th June 2014	23-24 17-23	4700 4700	500	4200	4380	0		
		· · · · · · · · · · · · · · · · · · ·	4700						
		00-06	1000		800	293 423	507 377		
NR-ER*	1st June 2014 to 30th June 2014	17-18'	1100	200	900	423	477	-	
	2011	18-23			900	293	607		
	1st June 2014 to 6th	23-24 00-17	1000		800	293	507 1269		
	June 2014	23-24 17-23	4000	300	3700	2431	1269		
	7th June 2014	00-07'	4000	300	3700	2431	1269		
	8th June 2014 to	07-24'	2300		2000		0		
	11th June 2014 to	00-24'	2300	300	2000	2431	0		
	12th June 2014	00-07'	2300	300	2000	2431	0		
		07-24' 00-07'	2300 2300		2000 2000		0		
ER-NR ^{\$}	13th June 2014	07-24'	2300	300	2000	2431	0		
	14th June 2014	00-07'	4000	300	3700	2431	0		
	15th June 2014 to	07-24'	2300		2000		0 1269		
	16th June 2014	23-24 17-23	4000	300	3700	2431	1269	_	
	17th June 2014	00-07'	4000	300	3700	2431	1269		
	18th June 2014 to	07'-24	2300		2000		0 1269		
	30th June 2014	23-24 17-23	4000	300	3700	2431	1269		
	1st June 2014 to	17 23					120)		
	09th June 2014	00-24	1800	300	1500	551	949		
W3-ER ^{\$}	10th June 2014 to 11th June 2014	00-24	1500	300	1200	551	649		
	12th June 2014 to	00-24	1500	300	1200	551	649		
	30th June 2014	00-24	1300	300	1200	331	049		
ER-W3	1st June 2014 to 30th June 2014	00-24	1000	300	700	874	0		
JUD CD	1st June 2014 to	00.24	1000	0	1000	1000	0		
WR-SR	30th June 2014 1st June 2014 to	00-24	1000	0	1000	1000	0		
SR-WR *	30th June 2014	00-24	1000	0	1000	0	1000		
	1st June 2014 to	00-06				2158	492		
	2nd June 2014	18-24 06-18'	2650	0	2650	2203	447		
	2nd Ivano 2014	00-07	2650	0	2650	2158	492		
	3rd June 2014	07-18' 18-24'	2350 2350	0	2350 2350	2203 2158	147 192		
	4th June 2014 to 6th	00-06 18-24	2650	0	2650	2158	492		
	June 2014	06-18'				2203	447		
	7th June 2014	00-05	2650 2350	0	2650 2350	2158 2158	492 192		
		06-24' 00-06	2350		2350	2203	147		
	8th June 2014 to 9th June 2014	18-24	2650	0	2650	2158	492		
	10th June 2014 to	06-18'				2203	933		
ER-SR	15th June 2014 to	18-24 06-18'	2650	0	2650	1717 1762	933		
		00-06	2650		2650	1717	933		
	16th June 2014	06-07' 07'-18	2350	0		1762 1762	888 588		
		18'-24' 00-06	2330		2350	1717	633		
	17th June 2014	18-24	2650	0	2650	1717	933		
		06-18'	2650		2650	1762 1717	933		
		06-07'	2650		2650	1762	888		
	18th June 2014	07'-18	2500	0	2500	1762	738	-150	Revised due to shutdown of 400 kV Jeypore-Gazuwaka ckt 2 and HVDC
		18'-24'				1717	783		Gazuwaka Block 2
	19th June 2014 to 30th June 2014	00-06 18-24	2650	0	2650	1717	933		
OP TO	1st June 2014 to	00-17	1100		1100	405	903		
SR-ER *	30th June 2014	23-24 17-23	1100	0	1100	197	903		

Issue Date: 17/06/2014 Issue Time: 2130 hrs Revision No. 19

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	645		595	205	390		
	1st June 2014 to	06-17'	645		595	210	385		
ER-NER	30th June 2014	17-18	580	50	530	210	320		
	2011	18-23	580		530	205	325		
		23-24	645		595	205	390		
NER-ER	1st June 2014 to 30th June 2014	00-17 23-24	500	100	400	0	400		
	30th valle 2011	17-23	450		350		350		
	1st June 2014 to 9th								
	June 2014	00-24	2640	295	2345	2139	206		
	10th June 2014 to 13th June 2014	00-24	2640	295	2345	1905	440		
S1-S2	14th June 2014 to 15th June 2014	00-24	2640	295	2345	2106	239		
	16th June 2014	00-24	2920	295	2625	2215	410		
	17th June 2014 to 30th June 2014	00-24	2640	295	2345	2106	239		
Import of Punjab	1st June 2014 to 30th June 2014	00-24	5700	300	5400	3790	1610		
Import TTC for DD & DNH		00-24	980	0	980	LTA and MTO			
	1st June 2014 to	00-17 23-24	9400	200	9200	7050	2150		
	15th June 2014	17-23	9900		9700		2650		
	16th June 2014	00-17 23-24	8900	200	8700	7050	1650		
		17-23	9400		9200		2150		
W3 zone		00-07'	9400		9200		2150		
Injection	17th June 2014	07'-17	8900	200	8700	7050	1650		
	1, 41 0 4110 2011	17-23	9400	200	9200	,050	2150		
		23-24	8900		8700		1650		
	18th June 2014 to	00-17 23-24	9400	200	9200	7050	2150		
	30th June 2014	17-23	9900	200	9700	7030	2650		

^{*} 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) KWPCL, 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 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.

Issue Date: 17/06/2014 Issue Time: 2130 hrs Revision No. 19

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
----------	------	-------------------------	--	-----------------------	--	--	--	---	----------

Limiting Constraints

G 11	
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 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 Allahabad-Pusauli
ER-NR	(n-1) contingency of 400kV Farakka –Malda D/C
W3-ER	(n-1) contingency of 400kV Sterlite-Rourkela S/C
ER-W3	(n-1) contingency of 400kV Raigarh-Jharsuguda-Rourkela
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. 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.
SR-WR	Bhadrawati HVDC B/B link capacity
SR-ER	(n-1) and (n-1-1) contingencies of 400kV Talcher-Rourkela D/C
ER-NER	(n-1) contingency of 400 kV Balipara – Bongaigaon D/C leading to thermal loading of 220kV BTPS-Agia S/C
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
Import of Punjab	(n-1) contingency of ICT at Dhuri and (n-1) contingnecy of 220kV Moga(PG)-Moga(PSTCL)
W3 zone Injection	(n-1-1) contingency of 400 kV Raipur-Bhadrawati D/C section and High loading of 400kV Raipur-Wardha (800 MW SPS setting on each circuit of 400kV Raipur-Wardha)

^{*}Primary constraints

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									
	1st June 2014 to	00-17	8700		7900		1089		
	6th June 2014	23-24		800		6811			
		17-23	8700		7900		1089		
	7th June 2014	00-07	8700	800	7900	6811	1089		
		07-24'	7000		6200		0		
	8th June 2014	00-24'	6250	800	5450	6811	0		
	9th June 2014	00-24'	6250	800	5450	6811	0		
	10th June 2014 to 11th June 2014	00-24'	7000	800	6200	6811	0		
·-	12th June 2014	00-07'	7000	200	6200	 6011	0		
NR	1201Julie 2014	07-24'	7000	800	6200	6811	0		
		00-07'	7000		6200		0		
	13th June 2014			800		6811			
		07-24'	7000		6200		0		
	14th June 2014	00-07'	8700	800	7900	6811	1089		
	15th June 2014	07-24'	7000		6200		0		
	to 16th June	23-24	8700	800	7900	6811	1089		
	2014	17-23	8700		7900		1089		
	17th June 2014	00-07'	8700	800	7900	6811	1089		
		07-24'	7000		6200		0		
	18th June 2014 to 30th June	00-17 23-24	8700	800	7900	6811	1089		
	2014	17-23	8700	800	7900	0011	1089		
		00-06 06-17'	645 645		595 595	205 210	390 385		
NER	1st June 2014 to 30th June 2014	17-18	580	50	530	210	320		
		18-23 23-24	580 645		530 595	205 205	325 390		
WR									
	1st June 2014 to	00-06	3650	0	3650	3158	492		
	2nd June 2014	18-24 06-18'	3650	0	3650	3203	447		
		00-07 07-18'	3650 3350		3650 3350	3158 3203	492 147		
	3rd June 2014	18-24'	3350	0	3350	3158	192		
	4th June 2014 to	00-06	2650	0	2650	3158	492		
	6th June 2014	18-24 06-18'	3650	0	3650	3203	447		
	7/1 1 2011	00-05	3650 3350	0	3650 3350	3158 3158	492 192		
	7th June 2014	06-24'	3350	0	3350	3203	147		
	8th June 2014 to 9th June 2014	00-06 18-24	3650	0	3650	3158	492		
~-	10th June 2014 to 15th June	06-18' 00-06 18-24	3650	0	3650	3203 2717	933		
SR	2014	06-18'				2762 2717	888 933		
		06-07'	3650		3650	2762	888		
	16th June 2014	18' 24'	3350	0	3350	2762	588		
		18'-24' 00-06				2717	633		
	17th June 2014	18-24	3650	0	3650	2717	933		
		06-18'	3650		3650	2762 2717	888 933		
		06-07'	2020		2020	2762	888		Davigad dua to short I
	18th June 2014	07'-18	3500	0	3500	2762	738	-150	Revised due to shutdown of 400 kV Jeypore-
		18'-24'			3300	2717	783	-130	Gazuwaka ckt 2 and HVDC Gazuwaka Pole 2
	19th June 2014 to 30th June	00-06 18-24	3650	0	3650	2717	933		
	2014	06-18'				2762	888		

Simultane	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		
		00-06	3500		2800	590	2210				
	1st June 2014 to 30th June 2014	06-17'	3500	700	2800	720	2080				
NR*		17-18	3600		2900	720	2180				
		18-23	3600		2900	590	2310				
		23-24	3500		2800	590	2210				
NER	1st June 2014 to 30th June 2014	00-17 23-24	500	100	400	0	400				
	30th Julie 2014	17-23	450		350		350				
WR											
VV IX											
SR*	1st June 2014 to 30th June 2014	00-17 23-24	2100	0	2100	197	1903				
	Som June 2014	17-23	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

	T	
		(n-1) contingency of one circuit of 400kV Farakka –Malda D/C
		High loading of 765 kV Agra-Gwalior (1250 MW SPS setting on each circuit of 765 kV Gwalior-Agra) and high
	Import	loop flows on 400kV Kankroli-Zerda and 400kV Bhinmal-Zerda (power flowing from WR to NR on 765kV
NR		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.
	Export	(n-1) contingency of 400 kV Allahabad-Pusauli
	T	
NER	Import	(n-1) contingency of 400 kV Balipara – Bongaigaon D/C leading to thermal loading of 220kV BTPS-Agia S/C
	Export	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa
	LAPOIT	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
	Import	variation of 765kV Raichur-Sholapur line flow, observation of Low Frequency Oscillations(LFO).
SR	Import	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.
	Export	(n-1) and (n-1-1) contingencies of 400kV Talcher-Rourkela D/C

^{*}Primary constraints

Revision No	Date of Revision	Period of Revision	Reason for Revision	Corridor Affected
			Margin revised due to withdrawal/cancellation of 150 MW MTOA from Corporate Power Limited	ER-SR
1	25.03.2014	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
			Margin Revised due to correction in LTA/MTOA figure.	NR-WR
2	04/01/2014	Whole Month	Margin revised due to grant of 150 MW LTA towards SR from NEW grid and grant of 208 MW LTA to TANGEDCO	ER-SR / S1-S2
3	04/04/2014	Whole Month	Margin revised due to grant of 69 MW LTA to Jindal Power Limited Tamnar	W3/ ER-SR
4	04/11/2014	Whole Month	Margin revised due to correction of LTA. 69 MW LTA Quantum inadvertently added in the last revision. Quantum inadvertently added in the last revision	ER-SR
			Margin revised due to incorporation of existing Power Allocation.	NR-WR
			Margin revised due to Commissioning of Sasan Unit-4.	WR-NR
			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 avialable on RPCs RTA/REA.	NR-ER
			Margin revised considering the LTA/MTOA allocation avialable in RPCs RTA/REA.	ER-NR/ ER- W3
_	05 /01 /2014	Whole Month	Margin revised due to incorporation of existing LTA/MTOA allocation avialable in RPCs RTA/REA and Re-routing of existing MTOA granted by CTU.	W3-ER
5	05/01/2014	Whole Month	Margin revised due to incorporation of existing Solar Power Allocation to Karnataka between 6 hrs-18 hrs in LTA figures.	ER-SR
			Margin revised considering the LTA/MTOA allocation avialable in RPCs RTA/REA and due to incorporation of existing Solar Power Allocation to Assam.	ER-NER
			Revised due to Allocation of 150 MW TANGEDCO.	S1-S2
			Margin revised due to incorporation of existing LTA/MTOA allocation avialable in RPCs RTA/REA and existing MTOA granted by CTU.	W3 zone Injection
			Revised due to augmentation/ modifications in Punjab control area network.	Import of Punjab

Revision No	Date of Revision	Period of Revision	Reason for Revision	Corridor Affected
6	23/5/2014	Whole Month	Refer to explanatory notes regarding the change in TTC representation given in the last page.	ER-SR/ S1-S2
			Revised due to change in Load Generation Balance and Commissioning of Sasan Unit-1.	WR-NR
7	31/5/2014	Whole Month	Revised due to change in Load Generation Balance	ER-NR/ ER- NER
			Revised due to change in Load Generation Balance.	W3 zone Injection
8	02/06/2014	03/06/2014	Revised due to shutdown of 400 kV Meramundali-Angul.	ER-SR
		07/06/2014	Revised due to shutdown of 400 kV GMR-Meramundali and 400 kV Talcher-Meramundali	ER-SR
9	06/06/2014	07-06-2014 to 11-06-2014	Revised due to shutdown of 400 kV Kahalgaon - Barh ckt 2	ER-NR
		12/06/2014	Revised due to shutdown of 400 kV Kahalgaon - Barh ckt 1	EN-INN
10	07/06/2014	08/06/2014	Revised due to forced outage of HVDC Mundra- Mohindergarh Pole 2	WR-NR
11	08/06/2014	09/06/2014	Revised due to forced outage of HVDC Mundra- Mohindergarh Pole 2	WR-NR
12	09/06/2014	10/06/2014- 11/06/2014	Revised due to forced outage of 400 kV Raigarh-SEL-Rourkela Ckt 1	W3-ER
13	10/06/2014	10/06/2014- 30/06/2014	Revised due to outage of Talcher Stage 2 Unit 6	ER-SR / S1-S2
		12/06/2014	Revised due to extended shutdown of 400 kV Kahalgaon - Barh ckt 2	ER - NR
14	11/06/2014	13/06/2014	Revised due to shutdown of 400 kV Kahalgaon - Barh ckt 1	EK-INK
		12/06/2014- 30/06/2014	Revised due to forced outage of 400 kV Raigarh-SEL-Rourkela Ckt 1	W3-ER
15	12/06/2014	13/06/2014	Revised due to extended shutdown of 400 kV Kahalgaon - Barh ckt 2	ER-NR
15	12/00/2014	14/06/2014	Revised due to shutdown of 400 kV Kahalgaon - Barh ckt 1	EN-INN
16	15/06/2014	16/06/2014	Revised due to shutdown of 400kV Bolangir - Angul	ER - SR
		16/06/2014	Revised due to shutdown of 400kV Raipur-Bhadrawati ckt 2	W3 zone
17	16/06/2014	17/06/2014	Revised due to shutdown of 400kV Raipur-Bhadrawati ckt 3	Injection
		17,00,2014	Revised due to shutdown of 400 kV Kahalgaon - Barh ckt 1	ER-NR
18	16/06/2014	17/06/2014- 30/06/2014	Revised due to deferment of Vallur Unit 1 planned shutdown	S1-S2
19	17/06/2014	18/06/2014	Revised due to shutdown of 400 kV Jeypore-Gazuwaka ckt 2 and HVDC Gazuwaka Block 2	ER-SR

ASSUMPTIONS IN BASECASE

Month: June '14

Haryana			1		Worth June 14			
NORTHERN REGION 1			Loa	ad	Gener	ation		
Punjab	S.No.	Name of State/Area		Load	Peak (MW)			
Haryana	ı	NORTHERN REGION						
Rajasthan	1	Punjab	4471	4200	1608	1515		
4 Delhi 3961 3666 681 728 5 Uttar Pradesh 10552 10484 5594 5815 6 Jammu & Kashmir 1602 1380 566 564 7 Uttarakhand 1925 1690 843 534 8 Himachal Pradesh 1102 1151 574 623 9 Chandigarh 180 200 0 0 0 10 ISGS/IPPs 17025 15536 15	2	Haryana	5334	4220	1056	1117		
5 Uttar Pradesh 10552 10484 5594 5815 6 Jammu & Kashmir 1602 1380 566 564 7 Uttarakhand 1925 1690 843 534 8 Himachal Pradesh 1102 1151 574 623 9 Chandigarh 180 200 0 0 0 10 ISGS/IPPs 17025 15536	3	Rajasthan	7448	7777	5583	5384		
6 Jammu & Kashmir 1602 1380 566 564 7 Uttarakhand 1925 1690 843 534 8 Himachal Pradesh 1102 1151 574 623 9 Chandigarh 180 200 0 0 0 10 ISGS/IPPs 17025 15536 <td>4</td> <td>Delhi</td> <td>3961</td> <td>3666</td> <td>681</td> <td>728</td>	4	Delhi	3961	3666	681	728		
Tutarakhand	5	Uttar Pradesh	10552	10484	5594	5815		
8 Himachal Pradesh 1102 1151 574 623 9 Chandigarh 180 200 0 0 10 ISGS/IPPs 17025 15536 Total NR 36575 34768 33530 31816 II EASTERN REGION 1 West Bengal 7127 6661 5396 4376 2 Jharkhand 696 851 275 350 3 Orissa 3177 2990 2315 2770 4 Bihar 2276 1775 110 110 5 Damodar Valley Corporation 2328 2162 2703 2889 6 Sikkim 59 41 0 0 7 Bhutan 108 108 300 295 8 ISGS/IPPs 410 410 7400 7352 Total ER 16181 14998 18499 18142 III <	6	Jammu & Kashmir	1602	1380	566	564		
9 Chandigarh 180 200 0 0 0 0 10 ISGS/IPPS 17025 15536 Total NR 36575 34768 33530 31816 II EASTERN REGION	7	Uttarakhand	1925	1690	843	534		
Total NR	8	Himachal Pradesh	1102	1151	574	623		
II	9	Chandigarh	180	200	0	0		
II EASTERN REGION	10	ISGS/IPPs			17025	15536		
1 West Bengal 7127 6661 5396 4376 2 Jharkhand 696 851 275 350 3 Orissa 3177 2990 2315 2770 4 Bihar 2276 1775 110 110 5 Damodar Valley Corporation 2328 2162 2703 2889 6 Sikkim 59 41 0 0 7 Bhutan 108 108 300 295 8 ISGS/IPPs 410 410 7400 7352 Total ER 16181 14998 18499 18142 III WESTERN REGION 1 Chattisgarh 3118 2566 2217 1790 2 Madhya Pradesh 6272 5975 3092 2909 3 Maharashtra 15542 16342 10886 11197 4 Gujarat 11193 11948 9820 10359 5 Goa 258 360 0 0 <td></td> <td>Total NR</td> <td>36575</td> <td>34768</td> <td>33530</td> <td>31816</td>		Total NR	36575	34768	33530	31816		
1 West Bengal 7127 6661 5396 4376 2 Jharkhand 696 851 275 350 3 Orissa 3177 2990 2315 2770 4 Bihar 2276 1775 110 110 5 Damodar Valley Corporation 2328 2162 2703 2889 6 Sikkim 59 41 0 0 7 Bhutan 108 108 300 295 8 ISGS/IPPs 410 410 7400 7352 Total ER 16181 14998 18499 18142 III WESTERN REGION 1 Chattisgarh 3118 2566 2217 1790 2 Madhya Pradesh 6272 5975 3092 2909 3 Maharashtra 15542 16342 10886 11197 4 Gujarat 11193 11948 9820 10359 5 Goa 258 360 0 0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
2 Jharkhand 696 851 275 350 3 Orissa 3177 2990 2315 2770 4 Bihar 2276 1775 110 110 5 Damodar Valley Corporation 2328 2162 2703 2889 6 Sikkim 59 41 0 0 7 Bhutan 108 108 300 295 8 ISGS/IPPs 410 410 7400 7352 Total ER 16181 14998 18499 18142 III WESTERN REGION 3118 2566 2217 1790 2 Madhya Pradesh 6272 5975 3092 2909 3 Maharashtra 15542 16342 10886 11197 4 Gujarat 11193 11948 9820 10359 5 Goa 258 360 0 0 6 Daman and Diu 124	II	EASTERN REGION						
3 Orissa 3177 2990 2315 2770 4 Bihar 2276 1775 110 110 5 Damodar Valley Corporation 2328 2162 2703 2889 6 Sikkim 59 41 0 0 7 Bhutan 108 108 300 295 8 ISGS/IPPs 410 410 7400 7352 Total ER 16181 1498 18499 18142 III WESTERN REGION 2 1217 1790 2 Madhya Pradesh 6272 5975 3092 2909 3 Maharashtra 15542 16342 10886 11197 4 Gujarat 11193 11948 9820 10359 5 Goa 258 360 0 0 6 Daman and Diu 124 94 0 0 7 Dadra and Nagar Haveli 619 600	1	West Bengal	7127	6661	5396	4376		
4 Bihar 2276 1775 110 110 5 Damodar Valley Corporation 2328 2162 2703 2889 6 Sikkim 59 41 0 0 7 Bhutan 108 108 300 295 8 ISGS/IPPs 410 410 7400 7352 Total ER 16181 14998 18499 18142 III WESTERN REGION 2 4 1498 18499 18142 III WESTERN REGION 3118 2566 2217 1790 2 Madhya Pradesh 6272 5975 3092 2909 3 Maharashtra 15542 16342 10886 11197 4 Gujarat 11193 11948 9820 10359 5 Goa 258 360 0 0 6 Daman and Diu 124 94 0 0 7 Dadra	2	Jharkhand	696	851	275	350		
5 Damodar Valley Corporation 2328 2162 2703 2889 6 Sikkim 59 41 0 0 7 Bhutan 108 108 300 295 8 ISGS/IPPs 410 410 7400 7352 Total ER 16181 14998 18499 18142 III WESTERN REGION 1 Chattisgarh 3118 2566 2217 1790 2 Madhya Pradesh 6272 5975 3092 2909 3 Maharashtra 15542 16342 10886 11197 4 Gujarat 11193 11948 9820 10359 5 Goa 258 360 0 0 6 Daman and Diu 124 94 0 0 7 Dadra and Nagar Haveli 619 600 0 0 8 ISGS/IPPs 1239 1239 18000 <td< td=""><td>3</td><td>Orissa</td><td>3177</td><td>2990</td><td>2315</td><td>2770</td></td<>	3	Orissa	3177	2990	2315	2770		
6 Sikkim 59 41 0 0 7 Bhutan 108 108 300 295 8 ISGS/IPPs 410 410 7400 7352 Total ER 16181 14998 18499 18142 III WESTERN REGION 3118 2566 2217 1790 2 Madhya Pradesh 6272 5975 3092 2909 3 Maharashtra 15542 16342 10886 11197 4 Gujarat 11193 11948 9820 10359 5 Goa 258 360 0 0 6 Daman and Diu 124 94 0 0 7 Dadra and Nagar Haveli 619 600 0 0 8 ISGS/IPPs 1239 1239 18000 18000	4	Bihar	2276	1775	110	110		
7 Bhutan 108 108 300 295 8 ISGS/IPPs 410 410 7400 7352 Total ER 16181 14998 18499 18142 III WESTERN REGION 2 4 118 2566 2217 1790 2 Madhya Pradesh 6272 5975 3092 2909 3 Maharashtra 15542 16342 10886 11197 4 Gujarat 11193 11948 9820 10359 5 Goa 258 360 0 0 6 Daman and Diu 124 94 0 0 7 Dadra and Nagar Haveli 619 600 0 0 8 ISGS/IPPs 1239 1239 18000 18000	5	Damodar Valley Corporation	2328	2162	2703	2889		
SGS/IPPS 410 410 7400 7352	6	Sikkim	59	41	0	0		
Total ER	7	Bhutan	108	108	300	295		
III WESTERN REGION 1 Chattisgarh 3118 2566 2217 1790 2 Madhya Pradesh 6272 5975 3092 2909 3 Maharashtra 15542 16342 10886 11197 4 Gujarat 11193 11948 9820 10359 5 Goa 258 360 0 0 6 Daman and Diu 124 94 0 0 7 Dadra and Nagar Haveli 619 600 0 0 8 ISGS/IPPs 1239 1239 18000 18000	8	ISGS/IPPs	410	410	7400	7352		
1 Chattisgarh 3118 2566 2217 1790 2 Madhya Pradesh 6272 5975 3092 2909 3 Maharashtra 15542 16342 10886 11197 4 Gujarat 11193 11948 9820 10359 5 Goa 258 360 0 0 6 Daman and Diu 124 94 0 0 7 Dadra and Nagar Haveli 619 600 0 0 8 ISGS/IPPs 1239 1239 18000 18000		Total ER	16181	14998	18499	18142		
1 Chattisgarh 3118 2566 2217 1790 2 Madhya Pradesh 6272 5975 3092 2909 3 Maharashtra 15542 16342 10886 11197 4 Gujarat 11193 11948 9820 10359 5 Goa 258 360 0 0 6 Daman and Diu 124 94 0 0 7 Dadra and Nagar Haveli 619 600 0 0 8 ISGS/IPPs 1239 1239 18000 18000								
2 Madhya Pradesh 6272 5975 3092 2909 3 Maharashtra 15542 16342 10886 11197 4 Gujarat 11193 11948 9820 10359 5 Goa 258 360 0 0 6 Daman and Diu 124 94 0 0 7 Dadra and Nagar Haveli 619 600 0 0 8 ISGS/IPPs 1239 1239 18000 18000	III	WESTERN REGION						
3 Maharashtra 15542 16342 10886 11197 4 Gujarat 11193 11948 9820 10359 5 Goa 258 360 0 0 6 Daman and Diu 124 94 0 0 7 Dadra and Nagar Haveli 619 600 0 0 8 ISGS/IPPs 1239 1239 18000 18000	1	Chattisgarh	3118	2566	2217	1790		
4 Gujarat 11193 11948 9820 10359 5 Goa 258 360 0 0 6 Daman and Diu 124 94 0 0 7 Dadra and Nagar Haveli 619 600 0 0 8 ISGS/IPPs 1239 1239 18000 18000	2	Madhya Pradesh	6272	5975	3092	2909		
5 Goa 258 360 0 0 6 Daman and Diu 124 94 0 0 7 Dadra and Nagar Haveli 619 600 0 0 8 ISGS/IPPs 1239 1239 18000 18000	3	Maharashtra	15542	16342	10886	11197		
6 Daman and Diu 124 94 0 0 7 Dadra and Nagar Haveli 619 600 0 8 ISGS/IPPs 1239 1239 18000	4	Gujarat	11193	11948	9820	10359		
7 Dadra and Nagar Haveli 619 600 0 0 8 ISGS/IPPs 1239 1239 18000	5	Goa	258	360	0	0		
8 ISGS/IPPs 1239 18000 18000	6	Daman and Diu	124	94	0	0		
	7	Dadra and Nagar Haveli	619	600	0	0		
Total WR 38365 39124 44015 44255	8	ISGS/IPPs	1239	1239	18000	18000		
		Total WR	38365	39124	44015	44255		

IV	SOUTHERN REGION				
1	Andhra Pradesh	10867	9465	6571	5881
2	Tamil Nadu	11286	10266	7776	7002
3	Karnataka	8112	7123	6100	4619
4	Kerala	3214	2389	1781	863
5	Pondy	285	249	0	0
6	Goa	83	83	0	0
7	ISGS/IPPs			9937	9560
	Total SR	33847	29575	32165	27925
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	78	58	0	0
2	Assam	893	723	270	180
3	Manipur	84	48	0	0
4	Meghalaya	230	168	115	41
5	Mizoram	60	38	4	4
6	Nagaland	84	57	12	8
7	Tripura	158	115	95	99
8	ISGS/IPPs			561	274
	Total NER	1587	1207	1057	606
	Total All India	400555	440000	100000	100=11
	Total All India	126555	119672	129266	122744