

National Load Despatch Centre Total Transfer Capability for Dec 2023									
Issue Date:Dec 17 2023					Issue Time:10:21:07				Revision No :18
Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Approved GNA(MW)	Margin for T-GNA (MW)	Changes w.r.t. Previous Revision	Comment
ER-NER	01 Dec to 12 Dec	00:00 to 17:00	1950	60	1890	NA		0	
		17:00 to 21:00	1600	60	1540	NA		0	
		21:00 to 24:00	1950	60	1890	NA		0	
	13 Dec to 13 Dec	00:00 to 07:00	1950	60	1890	NA		0	
		07:00 to 17:00	1650	60	1590	NA		0	
		17:00 to 21:00	1300	60	1240	NA		0	
	14 Dec to 15 Dec	21:00 to 24:00	1650	60	1590	NA		0	
		00:00 to 17:00	1950	60	1890	NA		0	
		17:00 to 21:00	1600	60	1540	NA		0	
	16 Dec to 17 Dec	21:00 to 24:00	1950	60	1890	NA		0	
		00:00 to 07:00	1950	60	1890	NA		0	
		07:00 to 17:00	1650	60	1590	NA		0	
	18 Dec to 19 Dec	17:00 to 21:00	1300	60	1240	NA		0	
		21:00 to 24:00	1650	60	1590	NA		0	
		00:00 to 07:00	1950	60	1890	NA		0	
	18 Dec to 19 Dec	07:00 to 17:00	1650	60	1590	NA		-300	TTC/ATC curtailed due to the shutdown of 400 kV Bongaigoan - Byrnihat
		17:00 to 21:00	1300	60	1240	NA		-300	
		21:00 to 24:00	1650	60	1590	NA		-300	
20 Dec to 31 Dec	00:00 to 17:00	1950	60	1890	NA		0		
	17:00 to 21:00	1600	60	1540	NA		0		
	21:00 to 24:00	1950	60	1890	NA		0		
ER-NR	01 Dec to 01 Dec	00:00 to 08:00	8000	400	7600	NA		0	
		08:00 to 24:00	7800	400	7400	NA		0	
	02 Dec to 02 Dec	00:00 to 08:00	8000	400	7600	NA		0	
		08:00 to 09:15	7800	400	7400	NA		0	
	02 Dec to 02 Dec	09:15 to 24:00	7550	400	7150	NA		0	
		00:00 to 08:00	8000	400	7600	NA		0	
	03 Dec to 03 Dec	08:00 to 24:00	7800	400	7400	NA		0	
		00:00 to 08:00	8000	400	7600	NA		0	
	04 Dec to 04 Dec	08:00 to 24:00	7800	400	7400	NA		0	
		00:00 to 08:00	8000	400	7600	NA		0	
	05 Dec to 05 Dec	08:00 to 24:00	7800	400	7400	NA		0	
		00:00 to 08:00	8000	400	7600	NA		0	
	06 Dec to 06 Dec	08:00 to 24:00	7800	400	7400	NA		0	
		00:00 to 08:00	8000	400	7600	NA		0	
	07 Dec to 11 Dec	00:00 to 24:00	8000	400	7600	NA		0	
	12 Dec to 12 Dec	00:00 to 09:00	8000	400	7600	NA		0	
		09:00 to 24:00	7700	400	7300	NA		0	
	13 Dec to 13 Dec	00:00 to 08:00	8000	400	7600	NA		0	
08:00 to 24:00		7300	400	6900	NA		0		
14 Dec to 28 Dec	00:00 to 24:00	7300	400	6900	NA		0		
29 Dec to 31 Dec	00:00 to 24:00	8000	400	7600	NA		0		
ER-SR	01 Dec to 01 Dec	00:00 to 07:00	6000	350	5650	NA		0	
		07:00 to 18:00	5950	350	5600	NA		0	
		18:00 to 24:00	5950	350	5600	NA		0	
	02 Dec to 05 Dec	00:00 to 06:00	5950	350	5600	NA		0	
		06:00 to 18:00	5950	350	5600	NA		0	
	02 Dec to 05 Dec	18:00 to 24:00	5950	350	5600	NA		0	
		00:00 to 06:00	5950	350	5600	NA		0	
	06 Dec to 07 Dec	06:00 to 18:00	5950	350	5600	NA		0	
		18:00 to 24:00	5950	350	5600	NA		0	
	08 Dec to 08 Dec	00:00 to 06:00	5950	350	5600	NA		0	
		06:00 to 08:00	5950	350	5600	NA		0	
		08:00 to 18:00	5950	350	5600	NA		0	
	08 Dec to 08 Dec	18:00 to 24:00	5950	350	5600	NA		0	
		00:00 to 06:00	5950	350	5600	NA		0	
		06:00 to 18:00	5950	350	5600	NA		0	
	09 Dec to 09 Dec	18:00 to 24:00	5950	350	5600	NA		0	
		00:00 to 06:00	6000	350	5650	NA		0	
		06:00 to 18:00	6000	350	5650	NA		0	
10 Dec to 10 Dec	18:00 to 24:00	6000	350	5650	NA		0		
	00:00 to 06:00	6000	350	5650	NA		0		
	06:00 to 18:00	6000	350	5650	NA		0		
11 Dec to 17 Dec	18:00 to 24:00	6000	350	5650	NA		0		
	00:00 to 06:00	6000	350	5650	NA		0		
	06:00 to 18:00	6000	350	5650	NA		0		
18 Dec to 31 Dec	18:00 to 24:00	6000	350	5650	NA		0		
	00:00 to 06:00	6000	350	5650	NA		0		
	06:00 to 07:00	6000	350	5650	NA		0		
18 Dec to 31 Dec	07:00 to 18:00	5400	350	5050	NA		-600	TTC/ATC curtailed due to the shutdown of 400 kV Jeypore - Gazuwaka D/C	
	18:00 to 24:00	5400	350	5050	NA		-600		
ER-W3	01 Dec to 31 Dec	00:00 to 24:00	No limit is being specified.						
ER-WR	01 Dec to 31 Dec	00:00 to 24:00	NA	NA		NA		0	
NER-ER	01 Dec to 31 Dec	00:00 to 17:00	2900	60	2840	NA		0	
		17:00 to 21:00	2900	60	2840	NA		0	
		21:00 to 24:00	2900	60	2840	NA		0	

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Approved GNA(MW)	Margin for T-GNA (MW)	Changes w.r.t. Previous Revision	Comment	
NR-ER	01 Dec to 31 Dec	00:00 to 06:00	4000	300	3700	NA		0		
		06:00 to 18:00	4000	300	3700	NA		0		
		18:00 to 24:00	4000	300	3700	NA		0		
NR-WR	01 Dec to 07 Dec	00:00 to 06:00	4000	500	3500	NA		0		
		06:00 to 18:00	4000	500	3500	NA		0		
		18:00 to 24:00	4000	500	3500	NA		0		
	08 Dec to 08 Dec	00:00 to 09:30	4000	500	3500	NA		0		
		09:30 to 18:00	3750	500	3250	NA		0		
		18:00 to 24:00	3750	500	3250	NA		0		
	09 Dec to 11 Dec	00:00 to 06:00	4000	500	3500	NA		0		
		06:00 to 18:00	4000	500	3500	NA		0		
		18:00 to 24:00	4000	500	3500	NA		0		
12 Dec to 12 Dec	00:00 to 06:00	4000	500	3500	NA		0			
	06:00 to 09:00	4000	500	3500	NA		0			
	09:00 to 18:00	2250	500	1750	NA		0			
	18:00 to 24:00	2250	500	1750	NA		0			
13 Dec to 14 Dec	00:00 to 06:00	4000	500	3500	NA		0			
	06:00 to 18:00	4000	500	3500	NA		0			
	18:00 to 24:00	4000	500	3500	NA		0			
15 Dec to 15 Dec	00:00 to 06:00	4000	500	3500	NA		0			
	06:00 to 09:00	4000	500	3500	NA		0			
	09:00 to 18:00	2250	500	1750	NA		0			
16 Dec to 31 Dec	18:00 to 24:00	2250	500	1750	NA		0			
	00:00 to 06:00	4000	500	3500	NA		0			
	06:00 to 18:00	4000	500	3500	NA		0			
16 Dec to 31 Dec	18:00 to 24:00	4000	500	3500	NA		0			
	No limit is being specified.									
	SR-WR	01 Dec to 15 Dec	00:00 to 06:00	6000	650	5350	NA		0	
06:00 to 18:00			7650	650	7000	NA		0		
18:00 to 24:00			6000	650	5350	NA		0		
16 Dec to 17 Dec		00:00 to 06:00	6000	650	5350	NA		0		
		06:00 to 18:00	6800	650	6150	NA		0		
		18:00 to 24:00	6000	650	5350	NA		0		
18 Dec to 31 Dec		00:00 to 06:00	6000	650	5350	NA		0		
		06:00 to 18:00	7650	650	7000	NA		0		
		18:00 to 24:00	6000	650	5350	NA		0		
W3 Injection	01 Dec to 31 Dec	00:00 to 24:00	NA	NA		NA		0		
W3-ER	01 Dec to 31 Dec	00:00 to 24:00	No limit is being specified.							
WR-ER	01 Dec to 31 Dec	00:00 to 06:00	5500	300	5200	NA		0		
		06:00 to 18:00	5500	300	5200	NA		0		
		18:00 to 24:00	5500	300	5200	NA		0		
WR-NR	01 Dec to 01 Dec	00:00 to 06:00	17800	1000	16800	NA		0		
		06:00 to 08:00	17800	1000	16800	NA		0		
		08:00 to 18:00	17100	1000	16100	NA		0		
		18:00 to 24:00	17100	1000	16100	NA		0		
	02 Dec to 02 Dec	00:00 to 06:00	17800	1000	16800	NA		0		
		06:00 to 08:00	17800	1000	16800	NA		0		
		08:00 to 09:15	17100	1000	16100	NA		0		
		09:15 to 18:00	16600	1000	15600	NA		0		
	02 Dec to 02 Dec	18:00 to 24:00	16600	1000	15600	NA		0		
		00:00 to 06:00	17800	1000	16800	NA		0		
		06:00 to 08:00	17800	1000	16800	NA		0		
		08:00 to 18:00	17100	1000	16100	NA		0		
	03 Dec to 03 Dec	18:00 to 24:00	17100	1000	16100	NA		0		
		00:00 to 06:00	17800	1000	16800	NA		0		
		06:00 to 08:00	17800	1000	16800	NA		0		
	03 Dec to 03 Dec	08:00 to 18:00	17100	1000	16100	NA		0		
		18:00 to 24:00	17100	1000	16100	NA		0		
		00:00 to 06:00	17800	1000	16800	NA		0		
	04 Dec to 04 Dec	06:00 to 08:00	17800	1000	16800	NA		0		
		08:00 to 18:00	17100	1000	16100	NA		0		
		18:00 to 24:00	17100	1000	16100	NA		0		
	05 Dec to 05 Dec	00:00 to 06:00	17800	1000	16800	NA		0		
		06:00 to 08:00	17800	1000	16800	NA		0		
		08:00 to 18:00	17100	1000	16100	NA		0		
05 Dec to 05 Dec	18:00 to 24:00	17100	1000	16100	NA		0			
	00:00 to 06:00	17800	1000	16800	NA		0			
	06:00 to 08:00	17800	1000	16800	NA		0			
06 Dec to 06 Dec	08:00 to 18:00	17100	1000	16100	NA		0			
	18:00 to 24:00	17100	1000	16100	NA		0			
	00:00 to 06:00	17800	1000	16800	NA		0			
07 Dec to 11 Dec	06:00 to 18:00	17800	1000	16800	NA		0			
	18:00 to 24:00	17800	1000	16800	NA		0			
	00:00 to 06:00	17800	1000	16800	NA		0			
12 Dec to 12 Dec	06:00 to 09:00	17800	1000	16800	NA		0			
	09:00 to 18:00	16200	1000	15200	NA		0			
	18:00 to 24:00	16200	1000	15200	NA		0			
13 Dec to 13 Dec	00:00 to 08:00	17800	1000	16800	NA		0			
	08:00 to 24:00	12700	1000	11700	NA		0			
14 Dec to 28 Dec	00:00 to 24:00	12700	1000	11700	NA		0			

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Approved GNA(MW)	Margin for T-GNA (MW)	Changes w.r.t. Previous Revision	Comment
	29 Dec to 31 Dec	00:00 to 24:00	17800	1000	16800	NA		0	
WR-SR	01 Dec to 01 Dec	00:00 to 06:00	14700	650	14050	NA		0	
		06:00 to 07:00	14700	650	14050	NA		0	
		07:00 to 18:00	14250	650	13600	NA		0	
		18:00 to 24:00	14250	650	13600	NA		0	
	02 Dec to 05 Dec	00:00 to 06:00	14250	650	13600	NA		0	
		06:00 to 18:00	14250	650	13600	NA		0	
		18:00 to 24:00	14250	650	13600	NA		0	
	06 Dec to 09 Dec	00:00 to 06:00	14250	650	13600	NA		0	
		06:00 to 18:00	14250	650	13600	NA		0	
		18:00 to 24:00	14250	650	13600	NA		0	
	10 Dec to 10 Dec	00:00 to 06:00	14700	650	14050	NA		0	
		06:00 to 18:00	14700	650	14050	NA		0	
		18:00 to 24:00	14700	650	14050	NA		0	
	11 Dec to 15 Dec	00:00 to 06:00	14700	650	14050	NA		0	
		06:00 to 18:00	14700	650	14050	NA		0	
		18:00 to 24:00	14700	650	14050	NA		0	
	16 Dec to 17 Dec	00:00 to 06:00	14700	650	14050	NA		0	
		06:00 to 18:00	8700	650	8050	NA		0	
		18:00 to 24:00	8700	650	8050	NA		0	
	18 Dec to 31 Dec	00:00 to 06:00	14700	650	14050	NA		0	
		06:00 to 07:00	14700	650	14050	NA		0	
07:00 to 18:00		14300	650	13650	NA		-400	TTC/ATC curtailed due to the shutdown of 400 kV Jeypore - Gazuwaka D/C	
18:00 to 24:00		14300	650	13650	NA		-400		

- Based on the actual distribution of corridor flows, Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for short-term transactions wherever applicable.
- 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.
- S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala
- 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) NTPC Korba I, II & III, j) NTPC Sipat I & II, k) KSK Mahanadi, L)DB Power, m) REGL (Previously KWPCPL), m)RKM, o)REL, p) Bharat Aluminium, q)MCCPL, r)SKS, s) TRN, t)NTPC Lara, u) Adani Power Limited Raipur 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 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.
- Real Time TTC/ATC revisions are uploaded on Grid-India/NLDC "News Update" (Flasher) Section

Simultaneous Import Capability

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Approved GNA(MW)	Margin for T-GNA (MW)	Changes w.r.t. Previous Revision	Comment
ER	01 Dec to 31 Dec	00:00 to 24:00	NA	NA		3088	0	0	
NER	01 Dec to 12 Dec	00:00 to 17:00	1450	60	1390	446	944	0	
		17:00 to 21:00	1100	60	1040	446	594	0	
		21:00 to 24:00	1450	60	1390	446	944	0	
	13 Dec to 13 Dec	00:00 to 07:00	1450	60	1390	446	944	0	
		07:00 to 17:00	1150	60	1090	446	644	0	
		17:00 to 21:00	800	60	740	446	294	0	
	14 Dec to 15 Dec	21:00 to 24:00	1150	60	1090	446	644	0	
		00:00 to 17:00	1450	60	1390	446	944	0	
		17:00 to 21:00	1100	60	1040	446	594	0	
	16 Dec to 17 Dec	21:00 to 24:00	1450	60	1390	446	944	0	
		00:00 to 07:00	1450	60	1390	446	944	0	
		07:00 to 17:00	1150	60	1090	446	644	0	
	18 Dec to 19 Dec	17:00 to 21:00	800	60	740	446	294	0	
		21:00 to 24:00	1150	60	1090	446	644	0	
		00:00 to 07:00	1450	60	1390	446	944	0	
	20 Dec to 31 Dec	07:00 to 17:00	1150	60	1090	446	644	-300	TTC/ATC curtailed due to the shutdown of 400 kV Bongaigoan - Byrnihat
		17:00 to 21:00	800	60	740	446	294	-300	
		21:00 to 24:00	1150	60	1090	446	644	-300	
	01 Dec to 01 Dec	00:00 to 17:00	1450	60	1390	446	944	0	
		17:00 to 21:00	1100	60	1040	446	594	0	
		21:00 to 24:00	1450	60	1390	446	944	0	
NR	01 Dec to 01 Dec	00:00 to 06:00	25800	1400	24400	17170	7230	0	
		06:00 to 08:00	25800	1400	24400	17170	7230	0	
		08:00 to 18:00	24900	1400	23500	17170	6330	0	
	02 Dec to 02 Dec	18:00 to 24:00	24900	1400	23500	17170	6330	0	
		00:00 to 06:00	25800	1400	24400	17170	7230	0	
		06:00 to 08:00	25800	1400	24400	17170	7230	0	
		08:00 to 09:15	24900	1400	23500	17170	6330	0	
	03 Dec to 03 Dec	09:15 to 18:00	24150	1400	22750	17170	5580	0	
		18:00 to 24:00	24150	1400	22750	17170	5580	0	
00:00 to 06:00		25800	1400	24400	17170	7230	0		
03 Dec to 03 Dec	06:00 to 08:00	25800	1400	24400	17170	7230	0		
	08:00 to 18:00	24900	1400	23500	17170	6330	0		
	18:00 to 24:00	24900	1400	23500	17170	6330	0		

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	04 Dec to 04 Dec	00:00 to 06:00	25800	1400	24400	17170	7230	0	
		06:00 to 08:00	25800	1400	24400	17170	7230	0	
		08:00 to 18:00	24900	1400	23500	17170	6330	0	
		18:00 to 24:00	24900	1400	23500	17170	6330	0	
	05 Dec to 05 Dec	00:00 to 06:00	25800	1400	24400	17170	7230	0	
		06:00 to 08:00	25800	1400	24400	17170	7230	0	
		08:00 to 18:00	24900	1400	23500	17170	6330	0	
	06 Dec to 06 Dec	18:00 to 24:00	24900	1400	23500	17170	6330	0	
		00:00 to 06:00	25800	1400	24400	17170	7230	0	
		06:00 to 08:00	25800	1400	24400	17170	7230	0	
		08:00 to 18:00	24900	1400	23500	17170	6330	0	
	07 Dec to 11 Dec	18:00 to 24:00	24900	1400	23500	17170	6330	0	
		00:00 to 06:00	25800	1400	24400	17170	7230	0	
		06:00 to 18:00	25800	1400	24400	17170	7230	0	
	12 Dec to 12 Dec	18:00 to 24:00	25800	1400	24400	17170	7230	0	
		00:00 to 06:00	25800	1400	24400	17170	7230	0	
		06:00 to 09:00	25800	1400	24400	17170	7230	0	
	12 Dec to 12 Dec	09:00 to 18:00	23900	1400	22500	17170	5330	0	
18:00 to 24:00		23900	1400	22500	17170	5330	0		
13 Dec to 13 Dec	00:00 to 08:00	25800	1400	24400	17170	7230	0		
	08:00 to 24:00	20000	1400	18600	17170	1430	0		
14 Dec to 28 Dec	00:00 to 24:00	20000	1400	18600	17170	1430	0		
29 Dec to 31 Dec	00:00 to 24:00	25800	1400	24400	17170	7230	0		
SR	01 Dec to 01 Dec	00:00 to 07:00	20700	1000	19700	6601	13099	0	
		07:00 to 18:00	20200	1000	19200	6601	12599	0	
		18:00 to 24:00	20200	1000	19200	6601	12599	0	
	02 Dec to 05 Dec	00:00 to 07:00	20200	1000	19200	6601	12599	0	
		07:00 to 24:00	20200	1000	19200	6601	12599	0	
	06 Dec to 07 Dec	00:00 to 06:00	20200	1000	19200	6601	12599	0	
		06:00 to 18:00	20200	1000	19200	6601	12599	0	
		18:00 to 24:00	20200	1000	19200	6601	12599	0	
	08 Dec to 08 Dec	00:00 to 06:00	20200	1000	19200	6601	12599	0	
		06:00 to 08:00	20200	1000	19200	6601	12599	0	
		08:00 to 18:00	20200	1000	19200	6601	12599	0	
	08 Dec to 08 Dec	18:00 to 24:00	20200	1000	19200	6601	12599	0	
		00:00 to 06:00	20200	1000	19200	6601	12599	0	
		06:00 to 18:00	20200	1000	19200	6601	12599	0	
	09 Dec to 09 Dec	18:00 to 24:00	20200	1000	19200	6601	12599	0	
		00:00 to 06:00	20200	1000	19200	6601	12599	0	
		06:00 to 18:00	20200	1000	19200	6601	12599	0	
	10 Dec to 10 Dec	18:00 to 24:00	20200	1000	19200	6601	12599	0	
		00:00 to 06:00	20700	1000	19700	6601	13099	0	
		06:00 to 18:00	20700	1000	19700	6601	13099	0	
	11 Dec to 15 Dec	18:00 to 24:00	20700	1000	19700	6601	13099	0	
		00:00 to 06:00	20700	1000	19700	6601	13099	0	
		06:00 to 18:00	20700	1000	19700	6601	13099	0	
	16 Dec to 17 Dec	18:00 to 24:00	20700	1000	19700	6601	13099	0	
00:00 to 06:00		20700	1000	19700	6601	13099	0		
06:00 to 18:00		14700	1000	13700	6601	7099	0		
16 Dec to 17 Dec	18:00 to 24:00	14700	1000	13700	6601	7099	0		
	00:00 to 06:00	20700	1000	19700	6601	13099	0		
	06:00 to 07:00	20700	1000	19700	6601	13099	0		
18 Dec to 31 Dec	07:00 to 18:00	19700	1000	18700	6601	12099	-1000	TTC/ATC curtailed due to the shutdown of 400 kV Jeypore - Gazuwaka D/C	
	18:00 to 24:00	19700	1000	18700	6601	12099	-1000		
	00:00 to 06:00	20700	1000	19700	6601	13099	0		
WR	01 Dec to 31 Dec	00:00 to 24:00	NA	NA		4941	0	0	

• Based on the actual distribution of corridor flows, Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for short-term transactions wherever applicable.
 • The approved GNA quantum for any regional import corridor mentioned here is the summation of approved GNA of the states falling the region from outside that region. The data is as per the latest available figures from the CTUIL website.
 • 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.
 • S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala
 • 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) NTPC Korba I, II & III, j) NTPC Sipat I & II, k) KSK Mahanadi, l) DB Power, m) REGL (Previously KWPCPL), n) RKM, o) REL, p) Bharat Aluminium, q) MCCPL, r) SKS, s) TRN, t) NTPC Lara, u) Adani Power Limited Raipur 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 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.
 • Real Time TTC/ATC revisions are uploaded on Grid-India/NLDC "News Update" (Flasher) Section

Simultaneous Export Capability

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Approved GNA(MW)	Margin for T-GNA (MW)	Changes w.r.t. Previous Revision	Comment
ER	01 Dec to 31 Dec	00:00 to 24:00	NA	NA		NA		0	
NER	01 Dec to 31 Dec	00:00 to 17:00	3400	60	3340	NA		0	
		17:00 to 21:00	3400	60	3340	NA		0	
		21:00 to 24:00	3400	60	3340	NA		0	
NR	01 Dec to 07 Dec	00:00 to 06:00	4000	500	3500	NA		0	
		06:00 to 18:00	4000	500	3500	NA		0	
		18:00 to 24:00	4000	500	3500	NA		0	
	08 Dec to 08 Dec	00:00 to 09:30	4000	500	3500	NA		0	

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Approved GNA(MW)	Margin for T-GNA (MW)	Changes w.r.t. Previous Revision	Comment
	09 Dec to 11 Dec	09:30 to 18:00	3750	500	3250	NA		0	
		18:00 to 24:00	3750	500	3250	NA		0	
		00:00 to 06:00	4000	500	3500	NA		0	
		06:00 to 18:00	4000	500	3500	NA		0	
		18:00 to 24:00	4000	500	3500	NA		0	
		00:00 to 06:00	4000	500	3500	NA		0	
	12 Dec to 12 Dec	06:00 to 09:00	4000	500	3500	NA		0	
		09:00 to 18:00	2250	500	1750	NA		0	
		18:00 to 24:00	2250	500	1750	NA		0	
		00:00 to 06:00	4000	500	3500	NA		0	
	13 Dec to 14 Dec	06:00 to 18:00	4000	500	3500	NA		0	
		18:00 to 24:00	4000	500	3500	NA		0	
		00:00 to 06:00	4000	500	3500	NA		0	
	15 Dec to 15 Dec	06:00 to 09:00	4000	500	3500	NA		0	
		09:00 to 18:00	2250	500	1750	NA		0	
		18:00 to 24:00	2250	500	1750	NA		0	
		00:00 to 06:00	4000	500	3500	NA		0	
	16 Dec to 31 Dec	06:00 to 18:00	4000	500	3500	NA		0	
		18:00 to 24:00	4000	500	3500	NA		0	
		00:00 to 06:00	4000	500	3500	NA		0	
	SR	01 Dec to 15 Dec	00:00 to 06:00	5150	650	4500	NA		0
06:00 to 18:00			6600	650	5950	NA		0	
18:00 to 24:00			5150	650	4500	NA		0	
16 Dec to 17 Dec		00:00 to 06:00	5150	650	4500	NA		0	
		06:00 to 18:00	5750	650	5100	NA		0	
		18:00 to 24:00	5150	650	4500	NA		0	
18 Dec to 31 Dec		00:00 to 06:00	5150	650	4500	NA		0	
		06:00 to 18:00	6600	650	5950	NA		0	
		18:00 to 24:00	5150	650	4500	NA		0	
WR	01 Dec to 31 Dec	00:00 to 24:00	NA	NA		NA		0	

- Based on the actual distribution of corridor flows, Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for short-term transactions wherever applicable.
- 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.
- S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala
- 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) NTPC Korba I, II & III, j) NTPC Sipat I & II, k) KSK Mahanadi, l) DB Power, m) REGL (Previously KWPCPL), n) RKM, o) REL, p) Bharat Aluminium, q) MCCPL, r) SKS, s) TRN, t) NTPC Lara, u) Adani Power Limited Raipur 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 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.
- Real Time TTC/ATC revisions are uploaded on Grid-India/NLDC "News Update" (Flasher) Section

Limiting Constraints

Corridor	Constraints	Revisions
WR-NR	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18
NR-ER	1. Overloading of one circuit of 400 kV New Ranchi – New PPSP D/C on the tripping of the other circuit 2. Overloading of one circuit of 400 kV Kahalgaon – Farakka D/C on the tripping of the other circuit 3. Overloading of 400 kV Farakka –Sagardighi – 1 on the tripping of 400 kV Farakka – Sagardighi - 2	0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18
WR-ER	1. Overloading of one circuit of 400 kV New Ranchi – New PPSP D/C on the tripping of the other circuit 2. Overloading of one circuit of 400 kV Kahalgaon – Farakka D/C on the tripping of the other circuit 3. Overloading of 400 kV Farakka –Sagardighi – 1 on the tripping of 400 kV Farakka – Sagardighi - 2	0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18
ER-NR	Inter-regional flow pattern towards NR	0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18
WR-SR	Outage of any one of the 2x1500 MVA, 765/400 kV ICTs at Nizamabad overloads the other ICT	0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18
ER-SR	1. Outage of any one circuit of the 765 kV Angul – Srikakulam D/C overloads the other circuit 2.Low Voltage at Gazuwaka (East) Bus.	0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18
SR-WR	a) Angular separation between Kudgi & Kolhapur (PG) under N-1 of 400 kV Kudgi - Kolhapur (PG) D/C touches 30 deg b) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– A at Raigarh - PS(Kotra) with increase in HVDC Raigarh – Pugalur Bipole – II power order beyond 950 MW in SR to WR Direction (Solar Hours) c) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– B at Raigarh -PS (Kotra) with increase in HVDC Raigarh – Pugalur Bipole – I power order beyond 450 MW in SR to WR Direction (Solar Hours) d) N-1 Contingency of 400 kV Pune – Kalwa will overload 400 kV Pune -Khargar and vice-versa	1-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18
ER-NER	a) N-1 contingency of 400 kV Bongaigaon - Killing line b) High Loading of 220 kV Balipara-Sonabil D/C	0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18
NER-ER	a) N-1 contingency of 400 kV Bongaigaon-Alipurduar I or II b) High Loading of 400 kV Bongaigaon- New Siliguri DC	0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18
NR_IMPORT	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18
NR_EXPORT	(N-1) Contingency of 400 kV Kankroli-Zerda-S/C will overload 400 kV Bhinmal-Zerda-S/C	0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18
NER_IMPORT	a) N-1 contingency of 400 kV Bongaigaon - Killing line b) High Loading of 220 kV Balipara-Sonabil D/C	0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18
NER_EXPORT	a) N-1 contingency of 400 kV Bongaigaon-Alipurduar I or II b) High Loading of 400 kV Bongaigaon- New Siliguri DC	0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18

Corridor	Constraints	Revisions
SR_IMPORT	1. Outage of any one of the 2x1500 MVA, 765/400 kV ICTs at Nizamabad overloads the other ICT 2. Outage of any one circuit of the 765 kV Angul – Srikakulam D/C overloads the other circuit 3. Low Voltage at Gazuwaka (East) Bus	0-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18
SR_EXPORT	a) Angular separation between Kudgi & Kolhapur (PG) under N-1 of 400 kV Kudgi - Kolhapur (PG) D/C touches 30 deg b) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– A at Raigarh - PS(Kotra) with increase in HVDC Raigarh – Pugalur Bipole – II power order beyond 950 MW in SR to WR Direction (Solar Hours) c) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– B at Raigarh -PS (Kotra) with increase in HVDC Raigarh – Pugalur Bipole – I power order beyond 450 MW in SR to WR Direction (Solar Hours) d) N-1 Contingency of 400 kV Pune – Kalwa will overload 400 kV Pune -Khargar and vice-versa	1-5,3-4-5,6-7-8-8,9-10-11,12-13-14,15-16-17,18

Revision Summary

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
1	19 Sep	01 Dec to 31 Dec	TTC/ATC revised due to the change in LGB and network augmentation	SR-WR
		01 Dec to 31 Dec	TTC/ATC revised due to the change in LGB and network augmentation	SR_EXPORT
2	27 Sep	01 Dec to 31 Dec	Change in STOA margin due to decrease in the LTA quantum by 2.2 MW from NETRA_KOTDA_BHUJ_W to Haryana	WR-NR
		01 Dec to 31 Dec	Change in STOA margin due to decrease in the LTA quantum by 2.2 MW from NETRA_KOTDA_BHUJ_W to Haryana	NR_IMPORT
3	28 Oct	01 Dec to 31 Dec	TTC/ATC increased due to the the commissioning of 765 kV Warora (Pool) –Warangal (New) D/C and associated system	WR-SR
		01 Dec to 31 Dec	TTC/ATC increased due to the the commissioning of 765 kV Warora (Pool) –Warangal (New) D/C and associated system	ER-SR
		01 Dec to 31 Dec	TTC/ATC increased due to the the commissioning of 765 kV Warora (Pool) –Warangal (New) D/C and associated system	SR_IMPORT
4	29 Nov	01 Dec to 01 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2	WR-NR
		01 Dec to 01 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2	ER-NR
		01 Dec to 01 Dec	Due to the shutdown of 765KV-WARDHA-AURANGABAD-1 & 2	WR-SR
		02 Dec to 05 Dec	Due to the shutdown of 765KV-WARDHA-AURANGABAD-1 & 2	WR-SR
		01 Dec to 01 Dec	Due to the shutdown of 765KV-WARDHA-AURANGABAD-1 & 2	ER-SR
		02 Dec to 05 Dec	Due to the shutdown of 765KV-WARDHA-AURANGABAD-1 & 2	ER-SR
		01 Dec to 31 Dec	Due to change in Load - Generation Balance in NER	ER-NER
		01 Dec to 31 Dec	Due to change in Load - Generation Balance in NER	NER-ER
		01 Dec to 01 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2	NR_IMPORT
		01 Dec to 31 Dec	Due to change in Load - Generation Balance in NER	NER_IMPORT
		01 Dec to 01 Dec	Due to the shutdown of 765KV-WARDHA-AURANGABAD-1 & 2	SR_IMPORT
		01 Dec to 31 Dec	Due to change in Load - Generation Balance in NER	NER_EXPORT
5	30 Nov	02 Dec to 02 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2	WR-NR
		02 Dec to 02 Dec	Due to the shutdown of 765KV-SATNA-BINA-1	WR-NR
		02 Dec to 02 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2	ER-NR
		02 Dec to 02 Dec	Due to the shutdown of 765KV-SATNA-BINA-1	ER-NR
		02 Dec to 02 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2	NR_IMPORT
		02 Dec to 02 Dec	Due to the shutdown of 765KV-SATNA-BINA-1	NR_IMPORT
6	01 Dec	03 Dec to 03 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2	WR-NR
		03 Dec to 03 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2	ER-NR
		03 Dec to 03 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2	NR_IMPORT
7	02 Dec	04 Dec to 04 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2	WR-NR
		04 Dec to 04 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2	ER-NR
		04 Dec to 04 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 2	NR_IMPORT
8	03 Dec	05 Dec to 05 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 1	WR-NR
		05 Dec to 05 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 1	ER-NR
		05 Dec to 05 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 1	NR_IMPORT
9	04 Dec	06 Dec to 06 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 1	WR-NR
		06 Dec to 06 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 1	ER-NR
		06 Dec to 06 Dec	Due to the shutdown of HVDC Mundra - Mohindergarh Pole - 1	NR_IMPORT
10	06 Dec	08 Dec to 08 Dec	TTC/ATC curtailed due to the shutdown of 400KV-SHUJALPUR-RAPP-1	NR-WR
		08 Dec to 08 Dec	TTC/ATC curtailed due to the shutdown of 400KV-GAZUWAKA-JEYPORE-1 & 2	ER-SR
		08 Dec to 08 Dec	TTC/ATC curtailed due to the shutdown of 400KV-GAZUWAKA-JEYPORE-1 & 2	SR_IMPORT
		08 Dec to 08 Dec	TTC/ATC curtailed due to the shutdown of 400KV-SHUJALPUR-RAPP-1	NR_EXPORT
11	07 Dec	06 Dec to 10 Dec	TTC/ATC curtailed due to the extension in shutdown of 765KV-WARDHA-AURANGABAD-1 & 2	WR-SR
		06 Dec to 07 Dec	TTC/ATC curtailed due to the extension in shutdown of 765KV-WARDHA-AURANGABAD-1 & 2	ER-SR
		06 Dec to 07 Dec	TTC/ATC curtailed due to the extension in shutdown of 765KV-WARDHA-AURANGABAD-1 & 2	SR_IMPORT
12	07 Dec	08 Dec to 08 Dec	TTC/ATC revised due to deferment of shutdown of 400kV Jeypore – Gazuwaka D/C	ER-SR
		08 Dec to 08 Dec	TTC/ATC revised due to deferment of shutdown of 400kV Jeypore – Gazuwaka D/C	SR_IMPORT
13	08 Dec	10 Dec to 10 Dec	TTC/ATC revised due to the revival of 765KV Wardha - Auarangabd Ckt 1 & 2	WR-SR
		10 Dec to 10 Dec	TTC/ATC revised due to the revival of 765KV Wardha - Auarangabd Ckt 1 & 2	ER-SR
		10 Dec to 10 Dec	TTC/ATC revised due to the revival of 765KV Wardha - Auarangabd Ckt 1 & 2	SR_IMPORT
14	11 Dec	12 Dec to 12 Dec	TTC/ATC curtailed due to the shutdown of 765kV Chittorgarh - Banaskantha 2	NR-WR
		12 Dec to 12 Dec	TTC/ATC curtailed due to the shutdown of 765kV Vindhyachal - Varanasi 2	WR-NR
		12 Dec to 12 Dec	TTC/ATC curtailed due to the shutdown of 765kV Vindhyachal - Varanasi 2	ER-NR
		12 Dec to 12 Dec	TTC/ATC curtailed due to the shutdown of 765kV Vindhyachal - Varanasi 2	NR_IMPORT
		12 Dec to 12 Dec	TTC/ATC curtailed due to the shutdown of 765kV Chittorgarh - Banaskantha 2	NR_EXPORT
15	11 Dec	13 Dec to 13 Dec	TTC/ATC Curtailed due to the shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4	WR-NR
		14 Dec to 28 Dec	TTC/ATC Curtailed due to the shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4	WR-NR
		13 Dec to 13 Dec	TTC/ATC Curtailed due to the shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4	ER-NR
		14 Dec to 28 Dec	TTC/ATC Curtailed due to the shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4	ER-NR
		13 Dec to 13 Dec	TTC/ATC Curtailed due to the shutdown of 400KV MIRZA-BONGAIGAON	ER-NER
		13 Dec to 13 Dec	TTC/ATC Curtailed due to the shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4	NR_IMPORT
		14 Dec to 28 Dec	TTC/ATC Curtailed due to the shutdown of 800 KV HVDC KURUKSHETRA-CHAMPA (PG) CKT-1, 2, 3 & 4	NR_IMPORT
		13 Dec to 13 Dec	TTC/ATC Curtailed due to the shutdown of 400KV MIRZA-BONGAIGAON	NER_IMPORT
16	13 Dec	15 Dec to 15 Dec	TTC/ATC curtailed due to the shutdown of 765KV-BANASKANTHA-CHITTORGARH-2	NR-WR
		15 Dec to 15 Dec	TTC/ATC curtailed due to the shutdown of 765KV-BANASKANTHA-CHITTORGARH-2	NR_EXPORT
17	14 Dec	16 Dec to 17 Dec	TTC/ATC curtailed due to the shutdown of HVDC 800KV RAIGARH-GIS-HVDC POLE 1, 2,3 & 4	WR-SR
		16 Dec to 17 Dec	TTC/ATC curtailed due to the shutdown of HVDC 800KV RAIGARH-GIS-HVDC POLE 1, 2,3 & 4	SR-WR
		16 Dec to 17 Dec	TTC/ATC curtailed due to the shutdown of 400 kV Bongaigoan-Azara	ER-NER
		16 Dec to 17 Dec	TTC/ATC curtailed due to the shutdown of 400 kV Bongaigoan-Azara	NER_IMPORT
		16 Dec to 17 Dec	TTC/ATC curtailed due to the shutdown of HVDC 800KV RAIGARH-GIS-HVDC POLE 1, 2,3 & 4	SR_IMPORT
		16 Dec to 17 Dec	TTC/ATC curtailed due to the shutdown of HVDC 800KV RAIGARH-GIS-HVDC POLE 1, 2,3 & 4	SR_EXPORT
18	17 Dec	18 Dec to 31 Dec	TTC/ATC curtailed due to the shutdown of 400 kV Jeypore - Gazuwaka D/C	WR-SR

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
		18 Dec to 31 Dec	TTC/ATC curtailed due to the shutdown of 400 kV Jeypore - Gazuwaka D/C	ER-SR
		18 Dec to 19 Dec	TTC/ATC curtailed due to the shutdown of 400 kV Bongaigoan - Byrnihat	ER-NER
		18 Dec to 19 Dec	TTC/ATC curtailed due to the shutdown of 400 kV Bongaigoan - Byrnihat	NER_IMPORT
		18 Dec to 31 Dec	TTC/ATC curtailed due to the shutdown of 400 kV Jeypore - Gazuwaka D/C	SR_IMPORT

ASSUMPTIONS IN BASECASE					
Month : December'23					
S.No.	Name of State/Area	Demand		Generation	
		Non-Solar Peak(MW)	Solar Peak (MW)	Non-Solar Peak(MW)	Solar Peak (MW)
I	NORTHERN REGION				
1	Punjab	7426	7650	4852	4779
2	Haryana	7563	7785	2781	3008
3	Rajasthan	14805	16000	7553	9980
4	Delhi	4146	4502	393	364
5	Uttar Pradesh	19709	17940	11948	12241
6	Uttarakhand	2258	1886	767	301
7	Himachal Pradesh	2017	1849	571	363
8	Jammu & Kashmir	3180	2906	214	178
9	Chandigarh	239	212	0	0
10	ISGS/IPPs	4	4	19853	21702
	Total NR	61347	60733	48933	52915
II	EASTERN REGION				
1	Bihar	4972	3979	436	446
2	Jharkhand	1382	1526	385	356
3	Damodar Valley Corporation	3357	3218	4954	5111
4	Orissa	5201	4847	3381	3440
5	West Bengal	7084	6822	5683	5637
6	Sikkim	114	106	0	0
7	Bhutan	31	48	106	223
8	ISGS/IPPs	928	917	17599	14874
	Total ER	23069	21462	32546	30086
III	WESTERN REGION				
1	Maharashtra	24249	25561	15680	15360
2	Gujarat	18093	18147	8031	7605
3	Madhya Pradesh	15245	16169	5389	6060
4	Chattisgarh	4403	4244	1683	2021
5	DD & DNH	922	830	0	0
6	Goa-WR	615	538	0	0
7	ISGS/IPPs	2429	2388	51331	47984
	Total WR	65955	67877	82115	79029
IV	SOUTHERN REGION				
1	Andhra Pradesh	8573	10056	4914	5603
2	Telangana	11490	15844	4870	6727
3	Karnataka	11220	14273	8400	11643
4	Tamil Nadu	15904	16340	6449	9902
5	Kerala	4147	3642	1578	326
6	Pondy	487	491	0	0
7	Goa-SR	108	109	0	0
8	ISGS/IPPs	0	0	19264	22238
	Total SR	51928	60753	45477	56438
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	163	98	0	0
2	Assam	1475	1182	284	420
3	Manipur	210	108	0	0
4	Meghalaya	441	327	145	12
5	Mizoram	168	138	65	0
6	Nagaland	155	117	15	7
7	Tripura	337	273	180	175
8	ISGS/IPPs	0	0	3271	2557
	Total NER	2948	2244	3960	3171
	Total All India	205214	213015	212909	221388