

National Load Despatch Centre Total Transfer Capability for Jan 2023									
Issue Date:Jan 18 2023				Issue Time:17:47:02			Revision No :17		
Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
ER-NER	01 Jan to 15 Jan	00:00 to 17:00	1700	60	1640	455	1185	0	
		17:00 to 21:00	1530	60	1470	455	1015	0	
		21:00 to 24:00	1700	60	1640	455	1185	0	
	16 Jan to 16 Jan	00:00 to 10:00	1700	60	1640	455	1185	0	
		10:00 to 17:00	1610	60	1550	455	1095	0	
		17:00 to 21:00	1430	60	1370	455	915	0	
		21:00 to 24:00	1610	60	1550	455	1095	0	
	17 Jan to 31 Jan	00:00 to 17:00	1700	60	1640	455	1185	0	
		17:00 to 21:00	1530	60	1470	455	1015	0	
		21:00 to 24:00	1700	60	1640	455	1185	0	

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
ER-NR	01 Jan to 02 Jan	00:00 to 24:00	8000	400	7600	4968	2632	0	

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
	03 Jan to 03 Jan	00:00 to 08:00	8000	400	7600	4968	2632	0	
		08:00 to 24:00	7350	400	6950	4968	1982	0	
	04 Jan to 04 Jan	00:00 to 08:00	8000	400	7600	4968	2632	0	
		08:00 to 24:00	7350	400	6950	4968	1982	0	
	05 Jan to 05 Jan	00:00 to 08:00	8000	400	7600	4968	2632	0	
		08:00 to 24:00	7750	400	7350	4968	2382	0	
	06 Jan to 06 Jan	00:00 to 24:00	8000	400	7600	4968	2632	0	
	07 Jan to 07 Jan	00:00 to 09:00	8000	400	7600	4968	2632	0	
		09:00 to 24:00	7750	400	7350	4968	2382	0	
	08 Jan to 08 Jan	00:00 to 24:00	8000	400	7600	4968	2632	0	
	09 Jan to 09 Jan	00:00 to 09:00	8000	400	7600	4968	2632	0	
		09:00 to 24:00	7750	400	7350	4968	2382	0	
	10 Jan to 11 Jan	00:00 to 24:00	8000	400	7600	4968	2632	0	
	12 Jan to 12 Jan	00:00 to 10:00	8000	400	7600	4968	2632	0	
		10:00 to 24:00	7900	400	7500	4968	2532	0	
	13 Jan to 18 Jan	00:00 to 24:00	8000	400	7600	4968	2632	0	
	19 Jan to 19 Jan	00:00 to 09:00	8000	400	7600	4968	2632	0	
		09:00 to 24:00	7850	400	7450	4968	2482	0	

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment		
	20 Jan to 20 Jan	00:00 to 09:00	8000	400	7600	4968	2632	0			
		09:00 to 24:00	7400	400	7000	4968	2032	0			
	21 Jan to 31 Jan	00:00 to 24:00	8000	400	7600	4968	2632	0			
ER-SR	01 Jan to 09 Jan	00:00 to 06:00	5700	350	5350	3250	2100	0			
		06:00 to 18:00	5700	350	5350	3316	2034	0			
		18:00 to 24:00	5700	350	5350	3250	2100	0			
	10 Jan to 10 Jan	00:00 to 06:00	5700	350	5350	3250	2100	0			
		06:00 to 09:00	5700	350	5350	3316	2034	0			
		09:00 to 18:00	3900	350	3550	3316	234	0			
		18:00 to 24:00	3900	350	3550	3250	300	0			
	11 Jan to 12 Jan	00:00 to 06:00	3900	350	3550	3250	300	0			
		06:00 to 18:00	3900	350	3550	3316	234	0			
		18:00 to 24:00	3900	350	3550	3250	300	0			
	13 Jan to 17 Jan	00:00 to 06:00	5700	350	5350	3250	2100	0			
		06:00 to 18:00	5700	350	5350	3316	2034	0			
		18:00 to 24:00	5700	350	5350	3250	2100	0			
	18 Jan to 18 Jan	00:00 to 06:00	5700	350	5350	3250	2100	0			
		06:00 to 08:00	5700	350	5350	3316	2034	0			
		08:00 to 18:00	5400	350	5050	3316	1734	0			
		18:00 to 24:00	5400	350	5050	3250	1800	0			
	19 Jan to 31 Jan	00:00 to 06:00	5700	350	5350	3250	2100	0			
		06:00 to 18:00	5700	350	5350	3316	2034	0			
		18:00 to 24:00	5700	350	5350	3250	2100	0			
	ER-W3	01 Jan to	00:00 to 24:00	No limit is being specified.							

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment	
	31 Jan									
NER-ER	01 Jan to 15 Jan	00:00 to 17:00	2600	60	2540	258	2282	0		
		17:00 to 21:00	2480	60	2420	258	2162	0		
		21:00 to 24:00	2600	60	2540	258	2282	0		
	16 Jan to 16 Jan	00:00 to 10:00	2600	60	2540	258	2282	0		
		10:00 to 17:00	2500	60	2440	258	2182	0		
		17:00 to 21:00	2380	60	2320	258	2062	0		
		21:00 to 24:00	2500	60	2440	258	2182	0		
	17 Jan to 31 Jan	00:00 to 17:00	2600	60	2540	258	2282	0		
		17:00 to 21:00	2480	60	2420	258	2162	0		
		21:00 to 24:00	2600	60	2540	258	2282	0		
	NR-ER	01 Jan to 31 Jan	00:00 to 06:00	2000	200	1800	125	1675	0	
			06:00 to 18:00	2000	200	1800	1990	0	0	
18:00 to 24:00			2000	200	1800	125	1675	0		

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment	
NR-WR	01 Jan to 17 Jan	00:00 to 06:00	3600	500	3100	1232	1868	0		
		06:00 to 18:00	3600	500	3100	5035	0	0		
		18:00 to 24:00	3600	500	3100	1232	1868	0		
	18 Jan to 19 Jan	00:00 to 06:00	4000	500	3500	1232	2268	0		
		06:00 to 18:00	4000	500	3500	5035	0	0		
		18:00 to 24:00	4000	500	3500	1232	2268	0		
	20 Jan to 20 Jan	00:00 to 06:00	4000	500	3500	1232	2268	0		
		06:00 to 09:00	4000	500	3500	5035	0	0		
		09:00 to 18:00	2250	500	1750	5035	0	0		
		18:00 to 24:00	2250	500	1750	1232	518	0		
	21 Jan to 31 Jan	00:00 to 06:00	4000	500	3500	1232	2268	0		
		06:00 to 18:00	4000	500	3500	5035	0	0		
18:00 to 24:00		4000	500	3500	1232	2268	0			
SR-ER	01 Jan to 31 Jan	00:00 to 24:00	No limit is being specified.							
SR-WR	01 Jan to 17 Jan	00:00 to 06:00	6700	650	6050	852	5198	0		
		06:00 to 18:00	6700	650	6050	1052	4998	0		
		18:00 to 24:00	6700	650	6050	852	5198	0		
	18 Jan to 18 Jan	00:00 to 06:00	6700	650	6050	852	5198	0		
		06:00 to 07:00	6700	650	6050	1052	4998	0		
		07:00 to 18:00	5750	650	5100	1052	4048	0		
		18:00 to 24:00	5750	650	5100	852	4248	0		
	19 Jan to 31 Jan	00:00 to 06:00	6700	650	6050	852	5198	0		
		06:00 to 18:00	6700	650	6050	1052	4998	0		
		18:00 to 24:00	6700	650	6050	852	5198	0		
	W3 Injection	01 Jan	00:00 to 24:00	NA	NA		NA		0	

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	to 31 Jan								
W3-ER	01 Jan to 31 Jan	00:00 to 24:00	No limit is being specified.						

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
WR-NR	01 Jan to 02 Jan	00:00 to 06:00	17800	1000	16800	11135	5665	0	

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
		06:00 to 18:00	17800	1000	16800	11434	5366	0	
		18:00 to 24:00	17800	1000	16800	11135	5665	0	
	03 Jan to 03 Jan	00:00 to 06:00	17800	1000	16800	11135	5665	0	
		06:00 to 08:00	17800	1000	16800	11434	5366	0	
		08:00 to 18:00	17100	1000	16100	11434	4666	0	
		18:00 to 24:00	17100	1000	16100	11135	4965	0	
	04 Jan to 04 Jan	00:00 to 06:00	17800	1000	16800	11135	5665	0	
		06:00 to 08:00	17800	1000	16800	11434	5366	0	
		08:00 to 18:00	17100	1000	16100	11434	4666	0	
		18:00 to 24:00	17100	1000	16100	11135	4965	0	
	05 Jan to 05 Jan	00:00 to 06:00	17800	1000	16800	11135	5665	0	
		06:00 to 08:00	17800	1000	16800	11434	5366	0	
		08:00 to 18:00	17300	1000	16300	11434	4866	0	
		18:00 to 24:00	17300	1000	16300	11135	5165	0	
	06 Jan to 06 Jan	00:00 to 06:00	17800	1000	16800	11135	5665	0	
		06:00 to 18:00	17800	1000	16800	11434	5366	0	
		18:00 to 24:00	17800	1000	16800	11135	5665	0	
	07 Jan to 07 Jan	00:00 to 06:00	17800	1000	16800	11135	5665	0	
06:00 to 09:00		17800	1000	16800	11434	5366	0		
09:00 to 18:00		17300	1000	16300	11434	4866	0		
18:00 to 24:00		17300	1000	16300	11135	5165	0		
08 Jan to 08 Jan	00:00 to 06:00	17800	1000	16800	11135	5665	0		
	06:00 to 18:00	17800	1000	16800	11434	5366	0		
	18:00 to 24:00	17800	1000	16800	11135	5665	0		

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09 Jan to 09 Jan	09 Jan to 09 Jan	00:00 to 06:00	17800	1000	16800	11135	5665	0		
		06:00 to 09:00	17800	1000	16800	11434	5366	0		
		09:00 to 18:00	17300	1000	16300	11434	4866	0		
		18:00 to 24:00	17300	1000	16300	11135	5165	0		
	10 Jan to 11 Jan	10 Jan to 11 Jan	00:00 to 06:00	17800	1000	16800	11135	5665	0	
			06:00 to 18:00	17800	1000	16800	11434	5366	0	
			18:00 to 24:00	17800	1000	16800	11135	5665	0	
	12 Jan to 12 Jan	12 Jan to 12 Jan	00:00 to 06:00	17800	1000	16800	11135	5665	0	
			06:00 to 10:00	17800	1000	16800	11434	5366	0	
			10:00 to 18:00	17500	1000	16500	11434	5066	0	
			18:00 to 24:00	17500	1000	16500	11135	5365	0	
	13 Jan to 18 Jan	13 Jan to 18 Jan	00:00 to 06:00	17800	1000	16800	11135	5665	0	
06:00 to 18:00			17800	1000	16800	11434	5366	0		
18:00 to 24:00			17800	1000	16800	11135	5665	0		
19 Jan to 19 Jan	19 Jan to 19 Jan	00:00 to 06:00	17800	1000	16800	11135	5665	0		
		06:00 to 09:00	17800	1000	16800	11434	5366	0		
		09:00 to 18:00	17500	1000	16500	11434	5066	0		
		18:00 to 24:00	17500	1000	16500	11135	5365	0		
20 Jan to 20 Jan	20 Jan to 20 Jan	00:00 to 06:00	17800	1000	16800	11135	5665	0		
		06:00 to 09:00	17800	1000	16800	11434	5366	0		
		09:00 to 18:00	16250	1000	15250	11434	3816	0		
		18:00 to 24:00	16250	1000	15250	11135	4115	0		
21 Jan to 31 Jan	21 Jan to 31 Jan	00:00 to 06:00	17800	1000	16800	11135	5665	0		
		06:00 to 18:00	17800	1000	16800	11434	5366	0		
		18:00 to 24:00	17800	1000	16800	11135	5665	0		

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
WR-SR	01 Jan to 17 Jan	00:00 to 06:00	11600	650	10950	3611	7339	0	
		06:00 to 18:00	11600	650	10950	4573	6377	0	
		18:00 to 24:00	11600	650	10950	3611	7339	0	
	18 Jan to 18 Jan	00:00 to 06:00	11600	650	10950	3611	7339	0	
		06:00 to 08:00	11600	650	10950	4573	6377	0	
		08:00 to 18:00	11550	650	10900	4573	6327	0	
		18:00 to 24:00	11550	650	10900	3611	7289	0	
	19 Jan to 21 Jan	00:00 to 06:00	11600	650	10950	3611	7339	0	
		06:00 to 18:00	11600	650	10950	4573	6377	0	
		18:00 to 24:00	11600	650	10950	3611	7339	0	
	22 Jan to 22 Jan	00:00 to 06:00	11600	650	10950	3611	7339	0	
		06:00 to 08:00	11600	650	10950	4573	6377	0	
		08:00 to 18:00	11000	650	10350	4573	5777	-600	TTC/ATC Revised due to the shutdown of 765KV-WARDHA-NIZAMABAD-1
		18:00 to 24:00	11000	650	10350	3611	6739	-600	
	23 Jan to 31 Jan	00:00 to 06:00	11600	650	10950	3611	7339	0	
		06:00 to 18:00	11600	650	10950	4573	6377	0	
		18:00 to 24:00	11600	650	10950	3611	7339	0	

* 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).

**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.

1) S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala 2) W3 comprises of the following regional entities : a) Chattisgarh Sell transaction, b) Jindal Power Limited (JPL) Stage-I & Stage-II, c) Jindal Steel and Power Limited (JSPL), d) ACBL, e) LANCO Amarkantak f) BALCO, g) Sterlite (#1,3,4), h) NSPCL, i) Korba, j) Sipat, k) KSK Mahanadi, L)DB Power, m) KWPC, 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 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 POSOCO/NLDC "News Update" (Flasher) Section

^Though 3X315 MVA, 400/220 kV ICTs at Maradam are N-1 non-compliant, the TTC of WR-SR and ER-SR corridor has not been restricted due to the same considering that this aspect will be managed by AP SLDC through appropriate measures like SPS implementation.

^In case of drawl of Karnataka beyond 3800 MW, the voltages in Bengaluru area are observed to be critically low. This issue may be taken care of by Karnataka SLDC by taking appropriate measures.

SR-WR TTC/ATC figures have been calculated considering 01 unit (800 MW) at Kudgi TPS in service. The figures are subject to change with change in generation at Kudgi TPS.

WR-NR/Import of NR TTC has been calculated considering generation at Pariccha TPS as 350 MW. TTC figures are subject to change with significant change in generation at Pariccha TPS..

Simultaneous Import Capability

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
ER	01 Jan to 31 Jan	00:00 to 24:00	NA	NA		NA		0	
NER	01 Jan to 15 Jan	00:00 to 17:00	1200	60	1140	455	685	0	
		17:00 to 21:00	1030	60	970	455	515	0	
		21:00 to 24:00	1200	60	1140	455	685	0	
	16 Jan to 16 Jan	00:00 to 10:00	1200	60	1140	455	685	0	
		10:00 to 17:00	1110	60	1050	455	595	0	
		17:00 to 21:00	930	60	870	455	415	0	
		21:00 to 24:00	1110	60	1050	455	595	0	
	17 Jan to 31 Jan	00:00 to 17:00	1200	60	1140	455	685	0	
		17:00 to 21:00	1030	60	970	455	515	0	
		21:00 to 24:00	1200	60	1140	455	685	0	

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NR	01 Jan to 02 Jan	00:00 to 06:00	25800	1400	24400	16103	8297	0	

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
		06:00 to 18:00	25800	1400	24400	16402	7998	0	
		18:00 to 24:00	25800	1400	24400	16103	8297	0	
	03 Jan to 03 Jan	00:00 to 06:00	25800	1400	24400	16103	8297	0	
		06:00 to 08:00	25800	1400	24400	16402	7998	0	
		08:00 to 18:00	24450	1400	23050	16402	6648	0	
		18:00 to 24:00	24450	1400	23050	16103	6947	0	
	04 Jan to 04 Jan	00:00 to 06:00	25800	1400	24400	16103	8297	0	
		06:00 to 08:00	25800	1400	24400	16402	7998	0	
		08:00 to 18:00	24450	1400	23050	16402	6648	0	
		18:00 to 24:00	24450	1400	23050	16103	6947	0	
	05 Jan to 05 Jan	00:00 to 06:00	25800	1400	24400	16103	8297	0	
		06:00 to 08:00	25800	1400	24400	16402	7998	0	
		08:00 to 18:00	25050	1400	23650	16402	7248	0	
		18:00 to 24:00	25050	1400	23650	16103	7547	0	
	06 Jan to 06 Jan	00:00 to 06:00	25800	1400	24400	16103	8297	0	
		06:00 to 18:00	25800	1400	24400	16402	7998	0	
		18:00 to 24:00	25800	1400	24400	16103	8297	0	
	07 Jan to 07 Jan	00:00 to 06:00	25800	1400	24400	16103	8297	0	
		06:00 to 09:00	25800	1400	24400	16402	7998	0	
		09:00 to 18:00	25050	1400	23650	16402	7248	0	
18:00 to 24:00		25050	1400	23650	16103	7547	0		
08 Jan to 08 Jan	00:00 to 06:00	25800	1400	24400	16103	8297	0		
	06:00 to 18:00	25800	1400	24400	16402	7998	0		
	18:00 to 24:00	25800	1400	24400	16103	8297	0		

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	09 Jan to 09 Jan	00:00 to 06:00	25800	1400	24400	16103	8297	0	
		06:00 to 09:00	25800	1400	24400	16402	7998	0	
		09:00 to 18:00	25050	1400	23650	16402	7248	0	
		18:00 to 24:00	25050	1400	23650	16103	7547	0	
	10 Jan to 11 Jan	00:00 to 06:00	25800	1400	24400	16103	8297	0	
		06:00 to 18:00	25800	1400	24400	16402	7998	0	
		18:00 to 24:00	25800	1400	24400	16103	8297	0	
	12 Jan to 12 Jan	00:00 to 06:00	25800	1400	24400	16103	8297	0	
		06:00 to 10:00	25800	1400	24400	16402	7998	0	
		10:00 to 18:00	25400	1400	24000	16402	7598	0	
		18:00 to 24:00	25400	1400	24000	16103	7897	0	
	13 Jan to 18 Jan	00:00 to 06:00	25800	1400	24400	16103	8297	0	
06:00 to 18:00		25800	1400	24400	16402	7998	0		
18:00 to 24:00		25800	1400	24400	16103	8297	0		
19 Jan to 19 Jan	00:00 to 06:00	25800	1400	24400	16103	8297	0		
	06:00 to 09:00	25800	1400	24400	16402	7998	0		
	09:00 to 18:00	25350	1400	23950	16402	7548	0		
	18:00 to 24:00	25350	1400	23950	16103	7847	0		
20 Jan to 20 Jan	00:00 to 06:00	25800	1400	24400	16103	8297	0		
	06:00 to 09:00	25800	1400	24400	16402	7998	0		
	09:00 to 18:00	23650	1400	22250	16402	5848	0		
	18:00 to 24:00	23650	1400	22250	16103	6147	0		
21 Jan to 31 Jan	00:00 to 06:00	25800	1400	24400	16103	8297	0		
	06:00 to 18:00	25800	1400	24400	16402	7998	0		
	18:00 to 24:00	25800	1400	24400	16103	8297	0		

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
SR	01 Jan to 09 Jan	00:00 to 06:00	17300	1000	16300	6862	9438	0	

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
		06:00 to 18:00	17300	1000	16300	7889	8411	0	
		18:00 to 24:00	17300	1000	16300	6862	9438	0	
	10 Jan to 10 Jan	00:00 to 06:00	17300	1000	16300	6862	9438	0	
		06:00 to 09:00	17300	1000	16300	7889	8411	0	
		09:00 to 18:00	15500	1000	14500	7889	6611	0	
		18:00 to 24:00	15500	1000	14500	6862	7638	0	
	11 Jan to 12 Jan	00:00 to 06:00	15500	1000	14500	6862	7638	0	
		06:00 to 18:00	15500	1000	14500	7889	6611	0	
		18:00 to 24:00	15500	1000	14500	6862	7638	0	
	13 Jan to 17 Jan	00:00 to 06:00	17300	1000	16300	6862	9438	0	
		06:00 to 18:00	17300	1000	16300	7889	8411	0	
		18:00 to 24:00	17300	1000	16300	6862	9438	0	
	18 Jan to 18 Jan	00:00 to 06:00	17300	1000	16300	6862	9438	0	
		06:00 to 08:00	17300	1000	16300	7889	8411	0	
		08:00 to 18:00	16950	1000	15950	7889	8061	0	
		18:00 to 24:00	16950	1000	15950	6862	9088	0	
	19 Jan to 21 Jan	00:00 to 06:00	17300	1000	16300	6862	9438	0	
		06:00 to 18:00	17300	1000	16300	7889	8411	0	
		18:00 to 24:00	17300	1000	16300	6862	9438	0	
	22 Jan to 22 Jan	00:00 to 06:00	17300	1000	16300	6862	9438	0	
06:00 to 08:00		17300	1000	16300	7889	8411	0		
08:00 to 18:00		16700	1000	15700	7889	7811	-600	TTC/ATC Revised due to the shutdown of 765KV- WARDHA- NIZAMABAD- 1	
18:00 to 24:00		16700	1000	15700	6862	8838	-600		

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
	23 Jan to 31 Jan	00:00 to 06:00	17300	1000	16300	6862	9438	0	
		06:00 to 18:00	17300	1000	16300	7889	8411	0	
		18:00 to 24:00	17300	1000	16300	6862	9438	0	
WR	01 Jan to 31 Jan	00:00 to 24:00	NA	NA			0	0	

* 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).

**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.

* 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: Margin in Simultaneous import of NR = A WR-NR ATC =B ER-NR ATC = C Margin for WR-NR applicants = A * B/(B+C) Margin for ER-NR Applicants = A * C/(B+C)

Real Time TTC/ATC revisions are uploaded on POSOCO/NLDC "News Update" (Flasher) Section

#Though 2X315 MVA, 400/220 kV ICTs at Maradam are N-1 non-compliant, the TTC of SR Import has not been restricted due to the same considering that this aspect will be managed by AP SLDC through appropriate measures like SPS implemetation

In case of drawl of Karnataka beyond 3800 MW, the voltages in Bengaluru area are observed to be critically low. This issue may be taken care of by Karnataka by taking appropriate measures.

WR-NR/Import of NR TTC has been calculated considering generation at Pariccha TPS as 350 MW. TTC figures are subject to change with significant change in generation at Pariccha TPS..

Simultaneous Export Capability

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment
ER	01 Jan to 31 Jan	00:00 to 24:00	NA	NA		NA		0	

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment	
NER	01 Jan to 15 Jan	00:00 to 17:00	3100	60	3040	258	2782	0		
		17:00 to 21:00	2980	60	2920	258	2662	0		
		21:00 to 24:00	3100	60	3040	258	2782	0		
	16 Jan to 16 Jan	00:00 to 10:00	3100	60	3040	258	2782	0		
		10:00 to 17:00	3000	60	2940	258	2682	0		
		17:00 to 21:00	2880	60	2820	258	2562	0		
		21:00 to 24:00	3000	60	2940	258	2682	0		
	17 Jan to 31 Jan	00:00 to 17:00	3100	60	3040	258	2782	0		
		17:00 to 21:00	2980	60	2920	258	2662	0		
		21:00 to 24:00	3100	60	3040	258	2782	0		
	NR	01 Jan to 17 Jan	00:00 to 06:00	3600	500	3100	1357	1743	0	
			06:00 to 18:00	3600	500	3100	7025	0	0	
18:00 to 24:00			3600	500	3100	1357	1743	0		
18 Jan to 19 Jan		00:00 to 06:00	4000	500	3500	1357	2143	0		
		06:00 to 18:00	4000	500	3500	7025	0	0		
		18:00 to 24:00	4000	500	3500	1357	2143	0		
20 Jan to 20 Jan		00:00 to 06:00	4000	500	3500	1357	2143	0		
		06:00 to 09:00	4000	500	3500	7025	0	0		
		09:00 to 18:00	2250	500	1750	7025	0	0		
		18:00 to 24:00	2250	500	1750	1357	393	0		
21 Jan to 31 Jan		00:00 to 06:00	4000	500	3500	1357	2143	0		
		06:00 to 18:00	4000	500	3500	7025	0	0		
		18:00 to 24:00	4000	500	3500	1357	2143	0		

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Long Term Access(LTA)/Medium Term Open Access(MTOA)	Margin Available For Short Term Open Access(STOA)	Chnages w.r.t. Previous Revision	Comment	
SR	01 Jan to 17 Jan	00:00 to 06:00	5650	650	5000	1970	3030	0		
		06:00 to 18:00	5650	650	5000	2320	2680	0		
		18:00 to 24:00	5650	650	5000	1970	3030	0		
	18 Jan to 18 Jan	00:00 to 06:00	5650	650	5000	1970	3030	0		
		06:00 to 07:00	5650	650	5000	2320	2680	0		
		07:00 to 18:00	4700	650	4050	2320	1730	0		
	19 Jan to 31 Jan	18:00 to 24:00	4700	650	4050	1970	2080	0		
		00:00 to 06:00	5650	650	5000	1970	3030	0		
		06:00 to 18:00	5650	650	5000	2320	2680	0		
	WR	01 Jan to 31 Jan	18:00 to 24:00	5650	650	5000	1970	3030	0	
			00:00 to 24:00	NA	NA		NA		0	

* 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).

Real Time TTC/ATC revisions are uploaded on POSOCO/NLDC "News Update" (Flasher) Section

^SR Export TTC/ATC figures have been calculated considering 01 unit (800 MW) at Kudgi TPS in service. The figures are subject to change with change in generation at Kudgi TPS.

Limiting Constraints

Corridor	Constraints	Revisions
WR-NR	N-1 contingency of one ckt of 765 kV Vindhychal-Varanasi will overload the other circuit	0-17
NR-ER	(N-1) contingency of 400 kV Saranath-Pusauli	0-17
ER-NR	Inter-regional flow pattern towards NR	0-17
WR-SR	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	0-17
ER-SR	Low Voltage at Gazuwaka (East) Bus.	0-17
SR-WR	N-1 contingency of HVDC Raigarh Pugalur Monopole (SR to WR direction) will overload 400 kV Kolhapur-PG - Kolhapur-MS - 2	4-17
ER-NER	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C	0-17
NER-ER	a) N-1 contingency of 220 kV Salakati - BTPS I or II b) High Loading of 220 kV Salakati - BTPS II or I	0-17
NR_IMPORT	N-1 contingency of one ckt of 765 kV Vindhychal-Varanasi will overload the other circuit	0-17
NR_EXPORT	(N-1) Contingency of 400 kV Kankroli-Zerda-S/C will overload 400 KV Bhinmal-Zerda-S/C	13-17
NER_IMPORT	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C	0-17
NER_EXPORT	N-1 contingency of 220 kV Salakati - BTPS I or II will overload the other circuit	0-17
SR_IMPORT	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT Low Voltage at Gazuwaka (East) Bus	0-17

Corridor	Constraints	Revisions
SR_EXPORT	N-1 contingency of HVDC Raigarh Pugalur Monople (SR to WR direction) will overload 400 kV Kolhapur-PG - Kolhapur-MS - 2	4-17

Revision Summary

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
1	28 Oct	01 Jan to 31 Jan	Revised STOA margin due to a) Operationalisation of new LTA quantum of 76.5 MW from SITAC_CHUGGER_BHJ2_W to BRPL b)Operationalisation of new LTA quantum of 76.5 MW from SITAC_CHUGGER_BHJ2_W to BYPL C) Discontinuation of LTA quantum of 72.9 MW from SRIJAN_MORJAR_BHJ2_W to BRPL d) Discontinuation of LTA quantum of 72.9 MW from SRIJAN_MORJAR_BHJ2_W to BYPL	WR-NR
		01 Jan to 31 Jan	Revised STOA margin due to a) Operationalisation of new LTA quantum of 100 MW from AHEJ3L_S_FTG2 to IPCL_WB b) Operationalisation of new LTA quantum of 25.27 MW from AHEJ3L_W_FTG2 to IPCL_WB c) Operationalisation of new LTA quantum of 250 MW from CSPJPL_BHDL to JBVNL	NR-ER
		01 Jan to 31 Jan	Revised STOA margin due to increase in LTA quantum by 3.6 MW from SITAC_CHUGGER_BHJ2_W to PONDY	WR-SR
		01 Jan to 31 Jan	Revised STOA margin due to a) Operationalisation of new LTA quantum of 76.5 MW from SITAC_CHUGGER_BHJ2_W to BRPL b)Operationalisation of new LTA quantum of 76.5 MW from SITAC_CHUGGER_BHJ2_W to BYPL C) Discontinuation of LTA quantum of 72.9 MW from SRIJAN_MORJAR_BHJ2_W to BRPL d) Discontinuation of LTA quantum of 72.9 MW from SRIJAN_MORJAR_BHJ2_W to BYPL	NR_IMPORT
		01 Jan to 31 Jan	Revised STOA margin due to increase in LTA quantum by 3.6 MW from SITAC_CHUGGER_BHJ2_W to PONDY	SR_IMPORT
		01 Jan to 31 Jan	Revised STOA margin due to a) Operationalisation of new LTA quantum of 100 MW from AHEJ3L_S_FTG2 to IPCL_WB b) Operationalisation of new LTA quantum of 25.27 MW from AHEJ3L_W_FTG2 to IPCL_WB c) Operationalisation of new LTA quantum of 250 MW from CSPJPL_BHDL to JBVNL	NR_EXPORT
2	28 Nov	01 Jan to 31 Jan	Revised STOA margin due to increase in approved LTA quantum from SITAC_CHUGGER_BHUJ 2 by a) 4.5 MW to BYPL & b) 4.5 MW to BRPL	WR-NR
		01 Jan to 31 Jan	Revised STOA margin due to increase in approved LTA quantum from SITAC_CHUGGER_BHUJ 2 by 4.5 MW to Pondicherry	WR-SR
		01 Jan to 31 Jan	Revised STOA margin due to increase in approved LTA quantum from SITAC_CHUGGER_BHUJ 2 by a) 4.5 MW to BYPL & b) 4.5 MW to BRPL	NR_IMPORT
		01 Jan to 31 Jan	Revised STOA margin due to increase in approved LTA quantum from SITAC_CHUGGER_BHUJ 2 by 4.5 MW to Pondicherry	SR_IMPORT
		01 Jan to 31 Jan	Revised STOA margin due to increase in approved LTA quantum from HIRIYUR_OSTROKANNADA by 25.2 MW to Bihar	SR_EXPORT
3	28 Dec	01 Jan to 31 Jan	Revised STOA margin due to new approved LTA from a) ASEJOPL_S_FTG2 to CSEB by 93.33 MW b) ASEJOPL_W_FTG2 to CSEB by 373.33 MW	NR-WR
		01 Jan to 31 Jan	Revised STOA margin due to increase in approved LTA from a) SRIJAN_MORJAR_BHJ2_W to BRPL by 3.6 MW b) SITAC_CHUGGER_BHJ2_W to BRPL by 4.5 MW c) SITAC_CHUGGER_BHJ2_W to BYPL by 4.5 MW	WR-NR
		01 Jan to 31 Jan	Revised STOA margin due to new approved MTOA from RTPS to NR Constituents by 115 MW	ER-NR
		01 Jan to 31 Jan	Revised STOA margin due to increase in approved LTA from SITAC_CHUGGER_BHJ2_W to PONDY by 4.5 MW	WR-SR
		01 Jan to 31 Jan	Revised STOA margin due to increase in approved LTA from a) SRIJAN_MORJAR_BHJ2_W to BRPL by 3.6 MW b) SITAC_CHUGGER_BHJ2_W to BRPL by 4.5 MW c) SITAC_CHUGGER_BHJ2_W to BYPL by 4.5 MW d) new approved MTOA from RTPS to NR Constituents by 115 MW	NR_IMPORT
		01 Jan to 31 Jan	Revised STOA margin due to increase in approved LTA from SITAC_CHUGGER_BHJ2_W to PONDY by 4.5 MW	SR_IMPORT
		01 Jan to 31 Jan	Revised STOA margin due to new approved LTA from a) ASEJOPL_S_FTG2 to CSEB by 93.33 MW b) ASEJOPL_W_FTG2 to CSEB by 373.33 MW	NR_EXPORT

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
4	30 Dec	01 Jan to 31 Jan	Due to the shutdown of 400KV-KOLHAPUR-MS-KOLHAPUR GIS-1	SR-WR
		01 Jan to 31 Jan	i) Shutdown of One unit of kameng ii) Shutdown of 220 kV BTP-Salakati circuit I	ER-NER
		01 Jan to 31 Jan	i) Shutdown of One unit of kameng ii) Shutdown of 220 kV BTP-Salakati circuit I	NER-ER
		01 Jan to 31 Jan	i) Shutdown of One unit of kameng ii) Shutdown of 220 kV BTP-Salakati circuit I	NER_IMPORT
		01 Jan to 31 Jan	i) Shutdown of One unit of kameng ii) Shutdown of 220 kV BTP-Salakati circuit I	NER_EXPORT
		01 Jan to 31 Jan	Due to the shutdown of 400KV-KOLHAPUR-MS-KOLHAPUR GIS-1	SR_EXPORT
5	01 Jan	03 Jan to 03 Jan	Due to the shutdown of 400 kV New Ranchi-Chandwa 1 & 2	WR-NR
		03 Jan to 03 Jan	Due to the shutdown of 400 kV New Ranchi-Chandwa 1 & 2	ER-NR
		03 Jan to 03 Jan	Due to the shutdown of 400 kV New Ranchi-Chandwa 1 & 2	NR_IMPORT
6	02 Jan	04 Jan to 04 Jan	Due to the shutdown of 400 kV New Ranchi-Chandwa 1 & 2	WR-NR
		04 Jan to 04 Jan	Due to the shutdown of 400 kV New Ranchi-Chandwa 1 & 2	ER-NR
		04 Jan to 04 Jan	Due to the shutdown of 400 kV New Ranchi-Chandwa 1 & 2	NR_IMPORT
7	03 Jan	05 Jan to 05 Jan	TTC/ATC revised due to shutdown of 765KV-SATNA-BINA-1	WR-NR
		05 Jan to 05 Jan	TTC/ATC revised due to shutdown of 765KV-SATNA-BINA-1	ER-NR
		05 Jan to 05 Jan	TTC/ATC revised due to shutdown of 765KV-SATNA-BINA-1	NR_IMPORT
8	05 Jan	07 Jan to 07 Jan	TTC/ATC revised due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-1	WR-NR
		07 Jan to 07 Jan	TTC/ATC revised due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-1	ER-NR
		07 Jan to 07 Jan	TTC/ATC revised due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-1	NR_IMPORT
9	07 Jan	09 Jan to 09 Jan	TTC/ATC revised due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-2	WR-NR
		09 Jan to 09 Jan	TTC/ATC revised due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-2	ER-NR
		09 Jan to 09 Jan	TTC/ATC revised due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-2	NR_IMPORT
10	08 Jan	10 Jan to 10 Jan	TTC/ATC revised due to shutdown of 500KV HVDC TALCHER-KOLAR POLE-I & 2	ER-SR
		10 Jan to 10 Jan	TTC/ATC revised due to shutdown of 500KV HVDC TALCHER-KOLAR POLE-I & 2	SR_IMPORT
11	10 Jan	12 Jan to 12 Jan	TTC/ATC curtailed due to shutdown of 765/400 KV 1000 MVA ICT 2 AT ORAI(PG)	WR-NR
		12 Jan to 12 Jan	TTC/ATC curtailed due to shutdown of 765/400 KV 1000 MVA ICT 2 AT ORAI(PG)	ER-NR
		12 Jan to 12 Jan	TTC/ATC curtailed due to shutdown of 765/400 KV 1000 MVA ICT 2 AT ORAI(PG)	NR_IMPORT
		10 Jan to 10 Jan	TTC/ATC revised due to shutdown of 500KV HVDC TALCHER-KOLAR POLE-I & 2	SR_IMPORT

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
12	14 Jan	16 Jan to 16 Jan	TTC/ATC curtailed Due to shutdown of 400 kV Bongaigaon Byrnihat	ER-NER
		16 Jan to 16 Jan	TTC/ATC curtailed Due to shutdown of 400 kV Bongaigaon Byrnihat	NER-ER
		16 Jan to 16 Jan	TTC/ATC curtailed Due to shutdown of 400 kV Bongaigaon Byrnihat	NER_IMPORT
		16 Jan to 16 Jan	TTC/ATC curtailed Due to shutdown of 400 kV Bongaigaon Byrnihat	NER_EXPORT
13	16 Jan	18 Jan to 31 Jan	TTC/ATC revised due to change in LGB and network configuration.	NR-WR
		18 Jan to 18 Jan	TTC/ATC revised due to shutdown of 400KV-JEYPORE-GAJUWAKA-1	WR-SR
		18 Jan to 18 Jan	TTC/ATC revised due to shutdown of 765KV/400KV RAIGARH-PS-ICT-4	SR-WR
		18 Jan to 18 Jan	TTC/ATC revised due to shutdown of 400KV-JEYPORE-GAJUWAKA-1	ER-SR
		18 Jan to 18 Jan	TTC/ATC revised due to shutdown of 400KV-JEYPORE-GAJUWAKA-1	SR_IMPORT
		18 Jan to 31 Jan	TTC/ATC revised due to change in LGB and network configuration.	NR_EXPORT
		18 Jan to 18 Jan	TTC/ATC revised due to shutdown of 765KV/400KV RAIGARH-PS-ICT-4	SR_EXPORT
14	17 Jan	19 Jan to 19 Jan	TTC/ATC revised due to shutdown of 765KV-GWALIOR-JAIPUR-1	WR-NR
		19 Jan to 19 Jan	TTC/ATC revised due to shutdown of 765KV-GWALIOR-JAIPUR-1	ER-NR
		19 Jan to 19 Jan	TTC/ATC revised due to shutdown of 765KV-GWALIOR-JAIPUR-1	NR_IMPORT
15	18 Jan	20 Jan to 20 Jan	TTC/ATC Revised due to the shutdown of 765KV-BANASKANTHA-CHITTORGARH-1	NR-WR
		20 Jan to 20 Jan	TTC/ATC Revised due to the shutdown of 765KV-SATNA-GWALIOR-2	WR-NR
		20 Jan to 20 Jan	TTC/ATC Revised due to the shutdown of 765KV-SATNA-GWALIOR-2	ER-NR
		20 Jan to 20 Jan	TTC/ATC Revised due to the shutdown of 765KV-SATNA-GWALIOR-2	NR_IMPORT
		20 Jan to 20 Jan	TTC/ATC Revised due to the shutdown of 765KV-BANASKANTHA-CHITTORGARH-1	NR_EXPORT
16	19 Jan	21 Jan to 21 Jan	TTC/ATC Revised due to the shutdown of 765KV-BANASKANTHA-CHITTORGARH-1	NR-WR
		21 Jan to 21 Jan	TTC/ATC Revised due to the shutdown of 400 KV MAHINDERGARH(APL)-BHIWANI(PG) (ATIL) CKT-1 & 2	WR-NR
		21 Jan to 21 Jan	TTC/ATC Revised due to the shutdown of 400 KV MAHINDERGARH(APL)-BHIWANI(PG) (ATIL) CKT-1 & 2	NR_IMPORT
		21 Jan to 21 Jan	TTC/ATC Revised due to the shutdown of 765KV-BANASKANTHA-CHITTORGARH-1	NR_EXPORT
17	18 Jan	22 Jan to 22 Jan	TTC/ATC Revised due to the shutdown of 765KV-WARDHA-NIZAMABAD-1	WR-SR
		22 Jan to 22 Jan	TTC/ATC Revised due to the shutdown of 765KV-WARDHA-NIZAMABAD-1	SR_IMPORT

BASECASE LGBR

BASECASE LGBR				Month:	Jan'23
S.No.	Name of State/Region	Load		Generation	
		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)

I	NORTHERN REGION				
1	Punjab	6113	4054	2787	1567
2	Haryana	6248	4498	2476	1734
3	Rajasthan	13994	7712	9481	6392
4	Delhi	4681	1843	532	499
5	Uttar Pradesh	15190	11343	10916	6884
6	Uttarakhand	2086	1592	544	236
7	Himachal Pradesh	1829	1085	372	198
8	Jammu & Kashmir	2518	2318	234	229
9	Chandigarh	250	105	0	0
10	ISGS/IPPs	53	53	16690	5919
	Total NR	52962	34603	44031	23657
II	EASTERN REGION				
1	Bihar	4478	3610	474	461
2	Jharkhand	1489	1281	375	365
3	Damodar Valley Corporation	3143	3365	4800	4794
4	Odisha	5292	4602	3261	2829
5	West Bengal	5545	4684	5454	5150
6	Sikkim	101	79	0	0
7	Bhutan	56	58	205	181
8	ISGS/IPPs	608	508	15069	11083
	Total ER	20713	18187	29637	24863
III	WESTERN REGION				
1	Maharashtra	21710	15691	14525	11948
2	Gujarat	17641	12402	8842	6775
3	Madhya Pradesh	15033	7709	5835	4097
4	Chattisgarh	4280	2921	2095	2250
5	Daman and Diu	0	0	0	0
6	Dadra and Nagar Haveli	815	796	0	0
7	Goa-WR	481	415	0	0
8	ISGS/IPPs	5018	3769	44419	30046
	Total WR	64978	43703	75715	55116
IV	SOUTHERN REGION				
1	Andhra Pradesh	9053	6442	5330	3725
2	Telangana	11756	9120	6619	4884
3	Karnataka	12704	8491	7151	5523
4	Tamil Nadu	15142	12916	8588	5286
5	Kerala	3069	2481	694	121
6	Pondy	387	388	0	0
7	Goa-SR	91	91	0	0
8	ISGS/IPPs	0	0	20060	16729
	Total SR	52201	39929	48442	36266
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	108	95	0	0
2	Assam	1128	1011	311	318
3	Manipur	192	141	0	0
4	Meghalaya	373	300	99	24
5	Mizoram	101	81	58	58
6	Nagaland	158	163	18	18

7	Tripura	214	228	154	151
8	ISGS/IPPs	0	0	2261	2214
	Total NER	2273	2020	2902	2783
	Total All India	193127	138441	200727	142684