

National Load Despatch Centre Total Transfer Capability for Jul 2022										
Issue Date:Jun 30 2022				Issue Time:15:21:34			Revision No :5			
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 Jul to 03 Jul	00:00 to 18:00	1810	60	1750	455	1295	0		
		18:00 to 22:00	1590	60	1530	455	1075	0		
		22:00 to 24:00	1810	60	1750	455	1295	0		
	04 Jul to 31 Jul	00:00 to 18:00	1630	60	1570	455	1115	0		
		18:00 to 22:00	1430	60	1370	455	915	0		
		22:00 to 24:00	1630	60	1570	455	1115	0		
ER-NR	01 Jul to 01 Jul	00:00 to 06:00	5900	400	5500	4854	646	0		
		06:00 to 09:00	7600	400	7200	4854	2346	0		
		09:00 to 21:00	7400	400	7000	4854	2146	0		
		21:00 to 24:00	5700	400	5300	4854	446	0		
	02 Jul to 31 Jul	00:00 to 24:00	8000	400	7600	4854	2746	2100	Due to change in LGB and change in inter-regional flow pattern	
ER-SR	01 Jul to 31 Jul	00:00 to 24:00	5700	350	5350	3152	2198	0		
ER-W3	01 Jul to 31 Jul	00:00 to 24:00	No limit is being specified.							
NER-ER	01 Jul to 03 Jul	00:00 to 18:00	2630	60	2570	258	2312	0		
		18:00 to 22:00	2970	60	2910	258	2652	0		
		22:00 to 24:00	2630	60	2570	258	2312	0		
	04 Jul to 31 Jul	00:00 to 18:00	2850	60	2790	258	2532	0		
		18:00 to 22:00	2730	60	2670	258	2412	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
		22:00 to 24:00	2850	60	2790	258	2532	0	
NR-ER	01 Jul to 31 Jul	00:00 to 06:00	2000	200	1800	100	1700	0	
		06:00 to 18:00	2000	200	1800	1615	185	0	
		18:00 to 24:00	2000	200	1800	100	1700	0	
NR-WR	01 Jul to 31 Jul	00:00 to 06:00	3600	500	3100	1232	1868	0	
		06:00 to 18:00	3600	500	3100	4607	0	0	
		18:00 to 24:00	3600	500	3100	1232	1868	0	
SR-ER	01 Jul to 31 Jul	00:00 to 24:00	No limit is being specified.						
SR-WR	01 Jul to 31 Jul	00:00 to 24:00	7400	650	6750	950	5800	0	
W3 Injection	01 Jul to 31 Jul	00:00 to 24:00	NA	NA		NA		0	
W3-ER	01 Jul to 31 Jul	00:00 to 24:00	No limit is being specified.						
WR-NR	01 Jul to 01 Jul	00:00 to 06:00	18550	1000	17550	10483	7067	0	
		06:00 to 09:00	16850	1000	15850	10782	5068	0	
		09:00 to 18:00	16650	1000	15650	10782	4868	0	
		18:00 to 21:00	16650	1000	15650	10483	5167	0	
		21:00 to 24:00	18350	1000	17350	10483	6867	0	
	02 Jul to 31 Jul	00:00 to 06:00	17800	1000	16800	10483	6317	-750	Due to change in LGB and change in inter-regional flow pattern

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	10782	6018	-750	
		18:00 to 24:00	17800	1000	16800	10483	6317	-750	
WR-SR	01 Jul to 31 Jul	00:00 to 06:00	11600	650	10950	3691	7259	0	
		06:00 to 18:00	11600	650	10950	4511	6439	0	
		18:00 to 24:00	11600	650	10950	3691	7259	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 - Vindhychal 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 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 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 Jul to 31 Jul	00:00 to 24:00	NA	NA		NA		0	
NER	01 Jul to 03 Jul	00:00 to 18:00	1310	60	1250	455	795	0	
		18:00 to 22:00	1090	60	1030	455	575	0	
		22:00 to 24:00	1310	60	1250	455	795	0	
	04 Jul to 31 Jul	00:00 to 18:00	1130	60	1070	455	615	0	
		18:00 to 22:00	930	60	870	455	415	0	
		22:00 to 24:00	1130	60	1070	455	615	0	
NR	01 Jul to 01 Jul	00:00 to 06:00	24450	1400	23050	15337	7713	0	
		06:00 to 09:00	24450	1400	23050	15636	7414	0	
		09:00 to 18:00	24050	1400	22650	15636	7014	0	
		18:00 to 24:00	24050	1400	22650	15337	7313	0	
	02 Jul to 31 Jul	00:00 to 06:00	25800	1400	24400	15337	9063	1350	Due to change in LGB and change in inter-regional flow pattern
		06:00 to 18:00	25800	1400	24400	15636	8764	1350	
		18:00 to 24:00	25800	1400	24400	15337	9063	1350	
SR	01 Jul to 31 Jul	00:00 to 06:00	17300	1000	16300	6778	9522	0	
		06:00 to 18:00	17300	1000	16300	7663	8637	0	
		18:00 to 24:00	17300	1000	16300	6778	9522	0	
WR	01 Jul to 31 Jul	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 - Vindhychal 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 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 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 Jul to 31 Jul	00:00 to 24:00	NA	NA		NA		0	
NER	01 Jul to 03 Jul	00:00 to 18:00	3130	60	3070	258	2812	0	
		18:00 to 22:00	3015	60	2955	258	2697	0	
	22:00 to 24:00	3130	60	3070	258	2812	0		
	04 Jul to 31 Jul	00:00 to 18:00	3350	60	3290	258	3032	0	
		18:00 to 22:00	3230	60	3170	258	2912	0	
		22:00 to 24:00	3350	60	3290	258	3032	0	
NR	01 Jul to 31 Jul	00:00 to 06:00	3600	500	3100	1332	1768	0	
		06:00 to 18:00	3600	500	3100	6222	0	0	
		18:00 to 24:00	3600	500	3100	1332	1768	0	
SR	01 Jul to 31 Jul	00:00 to 24:00	6350	650	5700	2155	3545	0	
WR	01 Jul to 31 Jul	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	0-5
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	0-5
ER-NR	Inter-regional flow pattern towards NR	0-5
WR-SR	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	0-5
ER-SR	Low Voltage at Gazuwaka (East) Bus.	0-5
SR-WR	a) N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt b) N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs	0-5
ER-NER	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C	0-5
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	0-5
NR_IMPORT	Inter-regional flow pattern towards NR	0-5
NR_EXPORT	(N-1) Contingency of 400 kV Banaskantha - Veloda D/C (n-1) contingency of 400 kV Saranath-Pusauli	1-5
NER_IMPORT	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C	0-5
NER_EXPORT	a) N-1 contingency of 220 kV Salakati - BTPS I or II b) High Loading of 220 kV Salakati - BTPS II or I	0-5
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	0-5
SR_EXPORT	N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt	0-5

## Revision Summary

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
1	28 Apr	01 Jul to 31 Jul	Revised STOA margin due to a) Increase in LTA quantum by 50 MW from ASunceEPL_BKN to Maharashtra b)Operationalization of new LTA of 60 MW from AvSusRJPL_BKN to TANGEDCO TTC/ATC revised Due to change in LGB and operation of HVDC Mundra -Mahendragarhin NR-WRdirection (500MW)	NR-WR
		01 Jul to 31 Jul	Revised STOA margin due to discontinuation of LTA quantum of 50 MW from RGPPL to North UPPCL(NCR)	WR-NR
		01 Jul to 31 Jul	Revised STOA margin due to increase in Allocation quantum by 7 MW from DadriT2,Rihand and Singrauli to Bangladesh	NR-ER
		01 Jul to 31 Jul	Revised STOA margin due to operationalization of new LTA of 36.3 MW from BGTPP to Uttrakhand	ER-NR
		01 Jul to 31 Jul	Revised STOA margin a) due to operationalization of new MTOA of 100 MW from DB Power Limited, Chattisgarh to TANGEDCO b)due to operationalization of new LTA of 60 MW from Bikaner Solar(AvSusRJPL) to TANGEDCO C) due to discontinuation of LTA quantum of 35 MW from RGPPL to Indian Railway,KA	WR-SR
		01 Jul to 31 Jul	Revised STOA margin due to decrease in LTA quantum by 25 MW from DVC to BESCOM	ER-SR
		01 Jul to 31 Jul	Revised STOA margin due to operationalization of new allocation of 36.3 MW from BgTPP to Uttarakhand	NER-ER
		01 Jul to 31 Jul	Revised STOA margin a) due to discontinuation of LTA quantum of 50 MW from RGPPL to North UPPCL(NCR) b) due to operationalization of new LTA of 36.3 MW from BGTPP to Uttrakhand	NR_IMPORT
		01 Jul to 31 Jul	Revised STOA margin a) due to operationalization of new MTOA of 100 MW from DB Power Limited, Chattisgarh to TANGEDCO b)due to operationalization of new LTA of 60 MW from Bikaner Solar(AvSusRJPL) to TANGEDCO C) due to discontinuation of LTA quantum of 35 MW from RGPPL to Indian Railway, KA d) due to decrease in LTA quantum by 25 MW from DVC to BESCOM	SR_IMPORT

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
		01 Jul to 31 Jul	Revised STOA margin due to a) Increase in LTA quantum by 50 MW from ASunceEPL_BKN to Maharashtra b)Operationalization of new LTA of 60 MW from AvSusRJPPL_BKN to TANGEDCO c) due to increase in Allocation quantum by 7 MW from DadriT2,Rihand and Singrauli to Bangladesh TTC/ATC revised due to change in LGB and operation of HVDC Mundra -Mahendragarh in NR-WR direction (500 MW)	NR_EXPORT
		01 Jul to 31 Jul	Revised STOA margin due to operationalization of new allocation of 36.3 MW from BgTPP to Uttarakhand	NER_EXPORT
		01 Jul to 31 Jul	Revised STOA margin due to a) Increase in LTA quantum by 50 MW from AvSusRJPPL_BKN to TANGEDCO by 100 MW b) Operationalization of new LTA quantum of 130 MW from RSUPL_FTG2 to TSSPDCL & TSNPDCL c) Operationalization of new LTA quantum of 170 MW from RSUPL_FTG2 to TANGEDCO d) Operationalization of new LTA quantum of 300 MW from RSEJ3PL_FTG2 to MP e)Operationalization of new LTA quantum of 250 MW from APMPL_BHDL to MP f)Operationalization of new LTA quantum of 300 MW from ARP1PL_BKN to MP	NR-WR
		01 Jul to 31 Jul	Revised STOA margin due to increase in LTA quantum by 20 MW from IWISL to Haryana	WR-NR
		01 Jul to 31 Jul	Revised STOA margin due to operationalization of new LTA of 275 MW from Teesta-III HEP to Uttar Pradesh	ER-NR
		01 Jul to 31 Jul	Revised STOA margin a) due to increase in LTA quantum by 100 MW from Bikener Solar (AvSusRJPPL) to TANGEDCO b)Operationalization of new LTA quantum of 130 MW from RSUPL_FTG2 to TSSPDCL & TSNPDCL C) Operationalization of new LTA quantum of 170 MW from RSUPL_FTG2 to TANGEDCO	WR-SR
		01 Jul to 31 Jul	Revised STOA margin due to a) discontinuation of MTOA of 102 MW from Sembcorp Energy India Limited to GUVNL, Gujarat b) Operationalization of new allocation of 100 MW from Sembcorp Energy India Limited to Delhi	SR-WR
2	28 May	01 Jul to 31 Jul	Revised STOA margin due to a) increase in LTA quantum by 20 MW from IWISL to Haryana b) Operationalization of new LTA of 275 MW from Teesta-III HEP to Uttar Pradesh	NR_IMPORT
		01 Jul to 31 Jul	Revised STOA margin a) due to increase in LTA quantum by 100 MW from Bikener Solar (AvSusRJPPL) to TANGEDCO b)Operationalization of new LTA quantum of 130 MW from RSUPL_FTG2 to TSSPDCL & TSNPDCL C) Operationalization of new LTA quantum of 170 MW from RSUPL_FTG2 to TANGEDCO	SR_IMPORT
		01 Jul to 31 Jul	Revised STOA margin due to a) Increase in LTA quantum by 50 MW from AvSusRJPPL_BKN to TANGEDCO by 100 MW b) Operationalization of new LTA quantum of 130 MW from RSUPL_FTG2 to TSSPDCL & TSNPDCL c) Operationalization of new LTA quantum of 170 MW from RSUPL_FTG2 to TANGEDCO d) Operationalization of new LTA quantum of 300 MW from RSEJ3PL_FTG2 to MP e)Operationalization of new LTA quantum of 250 MW from APMPL_BHDL to MP f)Operationalization of new LTA quantum of 300 MW from ARP1PL_BKN to MP	NR_EXPORT
		01 Jul to 31 Jul	Revised STOA margin due to operationalization of new allocation of 36.3 MW from BgTPP to Uttarakhand	NER_EXPORT
		01 Jul to 31 Jul	Revised STOA margin due to a) discontinuation of MTOA of 102 MW from Sembcorp Energy India Limited to GUVNL, Gujarat b) Operationalization of new allocation of 100 MW from Sembcorp Energy India Limited to Delhi	SR_EXPORT
3	28 Jun	01 Jul to 31 Jul	Revised STOA margin due to a) Increase in LTA quantum by 35 MW from NSNTPC_FTG1 to TSSPDCL. b)Increase in LTA quantum by 13 MW from NSNTPC_FTG1 to TSSPDCL.	NR-WR
		01 Jul to 31 Jul	Revised STOA margin due to operationalization of new LTA of 23.4 MW from POWERICA to UPPCL	WR-NR
		01 Jul to 31 Jul	Revised STOA margin due to increase in LTA quantum by 75.6 MW from NPGC to UTTAR PRADESH(Railway)	ER-NR
		01 Jul to 31 Jul	Revised STOA margin due to a)Operationalization of new MTOA of 50 MW from JPNIGRIE_JNSTPP to TANGEDCO b)Operationalization of new LTA quantum of 20 MW from KAWAS to TELANGANA	WR-SR
		01 Jul to 31 Jul	Revised STOA margin due to operationalization of new allocation of 100 MW from SR_ISGS to Uttarakhand	SR-WR

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
		01 Jul to 31 Jul	Revised STOA margin due to a)operationalization of new LTA of 23.4 MW from POWERICA to UPPCL b) increase in LTA quantum by 75.6 MW from NPGC to UTTAR PRADESH(Railway)	NR_IMPORT
		01 Jul to 31 Jul	Revised STOA margin due to a)Operationalization of new MTOA of 50 MW from JPNIGRIE_JNSTPP to TANGEDCO b)Operationalization of new LTA quantum of 20 MW from KAWAS to TELANGANA	SR_IMPORT
		01 Jul to 31 Jul	Revised STOA margin due to a) Increase in LTA quantum by 35 MW from NSNTPC_FTG1 to TSSPDCL. b)Increase in LTA quantum by 13 MW from NSNTPC_FTG1 to TSSPDCL.	NR_EXPORT
		01 Jul to 31 Jul	Revised STOA margin due to a) operationalization of new allocation of 100 MW from SR_ISGS to Uttarakhand b) Increase in LTA quantum by 50 MW from GRT Jewellers, TTGS to SBPDCL, NBPDC ER	SR_EXPORT
4	29 Jun	01 Jul to 01 Jul	Due to change in Inter regional flow pattern and shutdown of 400 KV Gaya Chandwa-2	WR-NR
		01 Jul to 01 Jul	Due to change in Inter regional flow pattern and shutdown of 400 KV Gaya Chandwa-2	ER-NR
		01 Jul to 03 Jul	Due to 1) Change in Load-Generation of NER 2) 400 kV Silchar-Misa D/C is out of service due to collapsed tower 3) One module of Palatana is out till 03.07.2022	ER-NER
		01 Jul to 03 Jul	Due to 1) Change in Load-Generation of NER 2) 400 kV Silchar-Misa D/C is out of service due to collapsed tower 3) One module of Palatana is out till 03.07.2022	NER-ER
		01 Jul to 01 Jul	Due to change in Inter regional flow pattern and shutdown of 400 KV Gaya Chandwa-2	NR_IMPORT
		01 Jul to 03 Jul	Due to 1) Change in Load-Generation of NER 2) 400 kV Silchar-Misa D/C is out of service due to collapsed tower 3) One module of Palatana is out till 03.07.2022	NER_IMPORT
		01 Jul to 03 Jul	Due to 1) Change in Load-Generation of NER 2) 400 kV Silchar-Misa D/C is out of service due to collapsed tower 3) One module of Palatana is out till 03.07.2022	NER_EXPORT
5	30 Jun	02 Jul to 31 Jul	Due to change in LGB and change in inter-regional flow pattern	WR-NR
		02 Jul to 31 Jul	Due to change in LGB and change in inter-regional flow pattern	ER-NR
		02 Jul to 31 Jul	Due to change in LGB and change in inter-regional flow pattern	NR_IMPORT

ASSUMPTIONS IN BASECASE					
Month : July 2022					
S.No.	Name of State/Area	Load		Generation	
		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
I	NORTHERN REGION				
1	Punjab	10744	10867	3971	3971
2	Haryana	9492	9088	2701	2701
3	Rajasthan	10485	9635	8259	8259
4	Delhi	5321	5152	796	795
5	Uttar Pradesh	20631	20099	10623	10689
6	Uttarakhand	2124	1886	928	939
7	Himachal Pradesh	1354	1114	783	769
8	Jammu & Kashmir	2363	1962	884	883
9	Chandigarh	313	249	0	0
10	ISGS/IPPs	48	48	21958	20013
	Total NR	62875	60100	50903	49019
II	EASTERN REGION				
1	Bihar	6537	5617	356	349



2	Jharkhand	1958	1503	511	501
3	Damodar Valley Corporation	2985	2723	5856	4190
4	Orissa	4513	4310	3998	3798
5	West Bengal	9704	8401	7033	6210
6	Sikkim	119	116	0	0
7	Bhutan	181	181	2325	2325
8	ISGS/IPPs	810	810	15771	11533
	Total ER	26808	23662	35850	28906
III	WESTERN REGION				
1	Maharashtra	17405	16509	11624	10789
2	Gujarat	13918	11320	8601	7246
3	Madhya Pradesh	9254	8534	3596	3845
4	Chattisgarh	4309	3965	2531	2835
5	Daman and Diu	276	236	0	0
6	Dadra and Nagar Haveli	744	870	0	0
7	Goa-WR	534	420	0	0
8	ISGS/IPPs	1784	3263	36712	32338
	Total WR	48224	45117	63064	57053
IV	SOUTHERN REGION				
1	Andhra Pradesh	8024	7220	6268	5204
2	Telangana	9100	8117	5196	5078
3	Karnataka	8396	6654	6023	4850
4	Tamil Nadu	15210	13068	7256	6376
5	Kerala	3778	2349	1614	961
6	Pondy	264	264	0	0
7	Goa-SR	82	82	0	0
8	ISGS/IPPs	37	37	14805	14794
	Total SR	44891	37791	41162	37263
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	140	95	118	118
2	Assam	1849	1588	615	574
3	Manipur	207	86	105	103
4	Meghalaya	315	255	302	229
5	Mizoram	150	55	60	60
6	Nagaland	173	155	96	93
7	Tripura	435	260	300	300
8	ISGS/IPPs	0	0	2371	2370
	Total NER	3269	2494	3967	3847
	Total All India	186067	169164	194946	176088