## National Load Despatch Centre Total Transfer Capability for October 2021

Issue Date: 7th October, 2021 Issue Time: 1700 hrs Revision No. 10

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Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA) #	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments	
		00-06				378	1622			
NR-WR*	1st October 2021 to 31st October 2021	06-18	2500	500	2000	956	1044			
	October 2021	18-24				378	1622			
						11362				
		00-06	19500 18550**	1000	18500 17550**	10412**	7138			
	1st October		19500		18500	11751				
WR-NR*	2021 to 7th October 2021	06-18	18550**	1000	17550**	10801**	6749			
	October 2021		19500		18500	11362				
		18-24	18550**	1000	17550**	10412**	7138			
			19500		18500	11362				
		00-06	18550**	1000	17550**	10412**	7138			
	8th October	06-08	19500 18550**	1000	18500 17550**	11751 10801**	6749			
WR-NR*	2021		18700		17700	11751				
		08-18	17750**	1000	16750**	10801**	5949			
			18700		17700	11362				
		18-24	17750**	1000	16750**	10412**	6338			
			19500		18500	11362				
		00-06	18550**	1000	17550**	10412**	7138			
		06.10	19500	1000	18500	11751	C7.40			
WD ND*	9th October	06-10	18550**	1000	17550**	10801**	6749		TTTG/ATTG D : 11 . Cl1 . CTC 1 V A	
WR-NR*	VR-NR* 2021	10-18	18650	1000	17650	11751	5899	-850	TTC/ATC Revised due to Shutdown of 765 kV Agra - Gwalior - 2	
				16700**	10801**	3099	-830			
			18650		17650	11362				
		18-24	17700**	1000	16700**	10412**	6288	-850		
			19500		18500	11362				
		00-06		1000		10412**	7138			
			18550**		17550**					
WR-NR*	10th October 2021 to 31st	06-18	19500	1000	18500	11751	6749			
	October 2021		18550**		17550**	10801** 11362				
		18-24	19500	1000	18500		7138			
			18550**		17550**	10412**				
	1st October	00-06	2000		1800	93	1707			
NR-ER*	2021 to 31st	06-18	2000	200	1800	1458	342			
	October 2021	18-24	2000		1800	93	1707			
ER-NR*	1st October 2021 to 7th October 2021	00-24	5900	400	5500	4372	1128			
	8th October	00-08	5900	400	5500	4372	1128			
ER-NR*	2021	08-24	5600	400	5200	4372	828			
	9th October	00-10	5900	400	5500	4372	1128			
ER-NR*	2021	10-24	5600	400	5200	4372	828	-300	TTC/ATC Revised due to Shutdown of 765 kV Agra - Gwalior - 2	
ER-NR*	10th October 2021 to 31st October 2021	00-24	5900	400	5500	4372	1128			
W3-ER	1st October 2021 to 31st	00-24						No limit is	s being specified.	
	October 2021									

## National Load Despatch Centre **Total Transfer Capability for October 2021**

Issue Date: 7th October, 2021 Issue Time: 1700 hrs Revision No. 10

Corridor	Date	Time Period (hrs)	Total Transfer Capability	Reliability Margin	Available Transfer Capability	Long Term Access (LTA)/ Medium Term Open Access	Margin Available for Short Term Open Access	Changes in TTC w.r.t. Last	Comments
			(TTC)		(ATC)	(MTOA) #	(STOA)	Revision	
ER-W3	1st October 2021 to 31st October 2021	00-24						No limit is	being specified.
	1st October	00-05	10000		9350		5470		
WR-SR	2021 to 5th	05-22	10000	650	9350	3880	5470		
	October 2021	22-24	10000		9350		5470		
	6th October	00-0830	10000		9350		5470		
WR-SR	2021	0830-22	9450	650	8800	3880	4920		
		22-24	9450		8800		4920		
	7th October	00-05	10000		9350		5470		
WR-SR	2021 to 10th	05-22	10000	650	9350	3880	5470		
	October 2021	22-24	10000		9350		5470		
^	11th October	00-05	10350	450	9700	2000	5820		
WR-SR	2021 to 31st October 2021	05-22 22-24	10350	650	9700 9700	3880	5820		
		00-09	10350 6000	400	5600	884	5820 4716		
	1st October	00-09	5100	400	4700	884	3816		
SR-WR*	2021 to 31st								
	October 2021	16-24	6000	400	5600	884	4716		
							1		
	1st October	00-06				2672	2728		
ER-SR <sup>a</sup>	2021 to 10th	06-18	5750	350	5400	2757	2643		
	October 2021	18-24				2672	2728		
		00-06				2672	2778		
ER-SR <sup>△</sup>	11th October 2021 to 31st	06-18	5800	350	5450	2757	2693		
EK-SK	October 2021	18-24	3000	330	350 5450	2672	2778		
	1st October	18-24				2072	2778		
SR-ER *	2021 to 31st	00-24						No limit is	being Specified.
	October 2021								
		00-02	1680		1635	455	1180		
	1.0.1	02-07	1680		1635	455	1180		
ER-NER*	1st October 2021 to 31st	07-12	1680	45	1635	455	1180		
ER-NEK*	October 2021	12-18	1680	43	1635	455	1180		
	2 3.000 Z0Z1	18-22	1400		1355	455	900		
		22-24	1680		1635	455	1180		
		00-02	2950		2905 2905	81	2824		
	1st October	02-07 07-12	2950 2950		2905	81 81	2824 2824		
NER-ER*	2021 to 31st	12-18	2950	45	2905	81	2824		
	October 2021	18-22	2850		2805	81	2724		
		22-24	2950		2905	81	2824		
W3 zone Injection	1st October 2021 to 31st October 2021	00-24	No limit is bei	ing specified (In	n case of any co	onstraints appearin	ng in the system, W3	zone export	would be revised accordingly)

vote: TTC/ATC of \$1-(\$2&\$3) corridor, Import of \$3(Kerala), Import of Punjab and Import of DD & DNH is uploaded on NLDC website under Intra-Regional Section in Monthly ATC.

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) KWPCL, 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 commissionned the LTA/MTOA utilized would vary. RLDC/NLDC would factor this situation on day-ahead basis In the eventuality that net schedules exceed ATC, real time curtailments might be effected by RLDCs/NLDC.

In case of TTC Revision due to any shutdown:

- 1) The TTC value will be revised to normal values after restoration of shutdown.
- 2) The TTC value will be revised to normal values if the shutdown is not being availed in real time.

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 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 appropiate 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 appropiate 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.

Simultaneo	ous Import Capal	bility							
Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA)	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments
			25400		24000	15734			
		00-06	24450**		23050**	14784**	8266		
			25400		24000	16123			
		06-09	24450**		23050**	15173**	7877		
NR	NR 1st October 2021 to 7th October 2021	09-17	25400 24450**	1400	24000 23050**	16123 15173**	7877		
			21130		25050	13173			
			25400		24000	16123			
		17-18	24450**		23050**	15173**	7877		
			25400		24000	15734			
		18-24					8266		
			24450** 25400		23050** 24000	14784** 15734			
		00-06	25400		24000	13734	8266		
			24450**		23050**	14784**			
			25400		24000	16123			
		06-08	24450**		23050**	15173**	7877		
			24300		22900	16123			
	8th October	08-09	23350**		21950**	15173**	6777		
NR	2021	09-17	24300	1400	22900	16123	6777		
		~~	23350**		21950**	15173**			
		17.10	24300		22900	16123			
		17-18	23350**		21950**	15173**	6777		
			24300		22900	15734			
		18-24	23350**		21950**	14784**	7166		

1			1		I		Т		
		00-06	25400		24000	15734	8266		
		00-06	24450**		23050**	14784**	8200		
			25400		24000	16123			
		06-09	25400		24000	10123	7877		
			24450**		23050**	15173**			
			25400		24000	16123			
	9th October	09-10					7877		
			24450**	1.400	23050**	15173**			TTC/ATC Revised due to Shutdown of 765
NR	2021		24250	1400	22950	17122			kV Agra - Gwalior - 2
		10-17	24230		22850	16123	6727	-1150	
			23300**		21900**	15173**	0.2.		
			24250		22050	1 < 122			
		17-18	24250		22850	16123	6727	-1150	
		-, -,	23300**		21900**	15173**	**-*		
		40.54	24250		22850	15734		44.50	
		18-24	23300**		21900**	14784**	7116	-1150	
			25400		24000	15734			
		00-06					8266		
			24450**		23050**	14784**			
		06-09	25400		24000	16123	7877		
		00-09	24450**		23050**	15173**			
		09-17							
	10th October		25400	1400	24000	16123			
NR	2021 to 31st October 2021		1400	2205044	15150 hr	7877			
			24450**		23050**	15173**			
			25400		24000	16123	7877		
		17-18							
			24450** 25400		23050** 24000	15173** 15734			-
		18-24	25400		24000	15/54	8266		
			24450**		23050**	14784**			
		00-02	1180		1135	455	680		
	1st October 2021	02-07 07-12	1180 1180		1135 1135	455 455	680 680		1
NER*	to 31st October	12-18	1180	45	1135	455	680		1
	2021	18-22	900		855	455	400		
		22-24	1180		1135	455	680		
WR*									
		00-06	15750		14750	6553	8197		
		00-00	15/50		14/30	0.33	017/		
	1st October 2021	0 - : -	4.55		4.45		04:-		
SR*#	to 5th October	06-18	15750	1000	14750	6638	8112		
	2021							-	1
		18-24	15750		14750	6553	8197		
	•		•		•		•	•	•

		00-06	15750		14750	6553	8197		
		06-0830	15750		14750	6638	8112		
SR*#	6th October 2021	0830-18	15200	1000	14200	6638	7562		
		18-24	15200		14200	6553	7647		
		00-06	15750	1000	14750	6553	8197		
SR*#	7th October 2021 to 10th October 2021	06-18	15750		14750	6638	8112		
		18-24	15750		14750	6553	8197		
		00-06	16150		15150	6553	8597		
SR <sup>*#</sup>	11th October 2021 to 31st October 2021	06-18	16150	1000	15150	6638	8512		
		18-24	16150		15150	6553	8597		

<sup>\*</sup> 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).

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.

<sup>\*\*</sup>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.

<sup>\*</sup> 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:

Simultane	imultaneous Export Capability										
Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA)	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments		
		00-06				471	3329				
NR*	1st October 2021 to 31st October 2021	06-18	4500	700	3800	2414	1386				
		18-24				471	3329				
		00-02	3450	-	3405	81	3324				
		02-07	3450		3405	81	3324				
NER*	1st October 2021 to 31st	07-12	3450	45	3405	81	3324				
NEK.	October 2021	12-18	3450	43	3405	81	3324				
		18-22	3350		3305	81	3224				
		22-24	3450		3405	81	3324				
WR*											
	1st October	00-09	5500	400	5100	1676	3424				
SR*^	2021 to 31st	09-16	4600	400	4200	1676	2524				
	October 2021	16-24	5500	400	5100	1676	3424				

<sup>\*</sup> 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 wise)		
		Applicable Revisions	
Corridor	Constraint		
	N-1 contingency of 1500 MVA, 765/400 kV ICT at Agra will overload the other ICT	Rev 0	
WR-NR	N-1 contingency of 1000 MVA, 765/400 kV ICT at Orai will overload the other ICT	Rev- 1 to 2	
	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	Rev- 3 to 10	
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	Rev- 0 to 10	
ER-NR	Inter-regional flow pattern towards NR	Rev- 0 to 10	
	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT		
WR-SR	N-1 of one ckt of 765kV Angul-Srikakulam D/C will overload the other circuit	Rev- 0 to 4	
and ER-	Low Voltage at Gazuwaka (East) Bus.		
SR	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	Rev- 5 to 10	
	Low Voltage at Gazuwaka (East) Bus.	Rev 5 to 10	
CD-WD	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	Rev- 0 to 10	
LD NED	<ul> <li>a) N-1 contingency of 400 kV Bongaigaon - Azara line</li> <li>b) High Loading of 220 kV Salakati - BTPS D/C</li> </ul>	Rev- 0 to 10	
NFR-FR	<ul> <li>a) N-1 contingency of 220 kV Salakati - Alipurduar I or II</li> <li>b) High Loading of 220 kV Salakati - Alipurduar II or I</li> </ul>	Rev- 0 to 10	
W3 zone Injection		Rev- 0 to 10	

## **Limiting Constraints (Simultaneous)**

			Applicable Revisions		
		Inter-regional flow pattern towards NR	Rev- 0 to 10		
NR	Import	N-1 contingency of 1000 MVA, 765/400 kV ICT at Orai will overload the other ICT	Rev- 0 to 2		
		N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	Rev- 3 to 10		
	Export	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak.	Rev- 0 to 10		
	Export	(n-1) contingency of 400 kV Saranath-Pusauli	Kev- 0 to 10		
		a) N-1 contingency of 400 kV Bongaigaon - Killing line (0000 hrs to 2400 hrs)			
	Import	b) High Loading of 220 kV Balipara-Sonabil (0000 hrs to 0700 hrs)	Rev- 0 to 10		
NER		c) High Loading of 220 kV Salakati - BTPS D/C (0700 hrs to 1200 hrs)			
	E4	a) N-1 contingency of 220 kV Salakati - Alipurduar I or II	D 04 10		
	Export	b) High Loading of 220 kV Salakati - Alipurduar II or I	Rev- 0 to 10		
		N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT			
		N-1 of one ckt of 765kV Angul-Srikakulam D/C will overload the other circuit	Rev- 0 to 4		
	Import	Low Voltage at Gazuwaka (East) Bus			
SR		N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	Rev- 5 to 10		
		Low Voltage at Gazuwaka (East) Bus	Kev- 3 to 10		
	Export	N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt	Rev- 0 to 10		
	Export	N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs	Kev- 0 to 10		

## National Load Despatch Centre Total Transfer Capability for October 2021

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected
1	17th July 2021	Whole month	Revised Reliability Margin (TRM) considering 2% of the total anticipated peak demand met in MW in NR Import	WR-NR, ER-NR & NR Import
			Revised STOA margin due to - a) Increase in LTA from Rihand to MP by 4.5MW (from 45 MW to 49.5 MW) b) Increase in LTA from Matalia to MP by 40 MW (from 10 MW to 50 MW) c) Decrease in LTA from Rajasthan solar to MP by 5 MW (from 10 MW to 5 MW)	NR-WR/ NR Export
2	28th July 2021	Whole month	d) Increase in LTA from Rajasthan solar to Chattisgarh by 5 MW (from 5 MW to 10 MW) e) ARERJL MTOA of 200 MW to Maharashtra has ended f) NR ISGS allocation to Gujrat increased from 58 MW to 80 MW	
			Revised STOA margin due to - a) Increase in LTA from RWE_APL2_SECI-III(Ghadsisa) to Haryana by 22 MW (from 241 MW to 263 MW) b) LTA of 228 MW from PGLR_SREPL to UPPCL (SR-WR-NR) c) LTA of 6.9 MW from Rajghat, MP to UPPCL	WR-NR/NR Import
			Revised STOA as unallocated power of 300 MW from NTPC-WR to Karnataka revised to 0 MW	WR-SR/ SR Import
			Revised STOA margin due to LTA of 228 MW from PGLR_SREPL to UPPCL (SR-WR-NR)	SR-WR/SR Export
3	24th August, 2021	Whole Month	Revised TTC/ATC due to commissioning of 765kV Vindhyachal-Varanasi D/C	WR-NR, ER-NR & NR Import
			Revised STOA margin due to increase in LTA from PGLR_SREPL to UP by 12 MW (from 228MW to 240 MW)	SR-WR/SR Export; WR- NR/NR Import
4	28th August, 2021	Whole Month	Revised STOA margin due to operationalisation of LTA of 73 MW from Tuticorin- BETAMWIND to UPPCL (SR-ER-NR)	ER-NR/NR Import
			Revised STOA margin due to change in LTA allocations Revised STOA margin due to change in LTA allocations	NR-ER NER Import/Export
5	25th September 2021	Whole Month	TTC/ATC revised due to commissioning of HVDC Raigarh-Pugalur Pole-3	WR-SR/ER-SR/SR Import
			Revised STOA margin due to a)operationalization of new LTA OF 73 MW from Tuticorin-BETAMWIND to UPPCL b)operationalization of new LTA OF 10 MW from Tuticorin-IWISL to Haryana	WR-NR/NR Import
	28th September		Revised STOA margin due to a) Discontinuation of 250 MW MTOA from ACSEPL to Madhya Pradesh b) Operationalization of new LTA of 250 MW from RSWPL3_FTG2 to BSPHCL c) Operationalization of new LTA of 300 MW from AP43PL_BKN to Odisha	ER-NR/WR-NR/NR Export
6	2021	Whole Month	Revised STOA margin due to a)operationalization of new LTA of 106 MW from Fatehgarh-II Solar to Telangana b) operationalization of new LTA of 176 MW from Bhadla-II Solar to Telangana	WR-SR/SR Import
			Revised STOA margin due to a) Increase LTA by 6 MW from BETAM to UP (NR) b) Increase LTA by 15 MW from Spring Energy,Pugalur to UP (NR) c) Operationalization of 63 MW LTA fromHIRIYUR_OSTROKANNADA to Bihar, ER	SR-WR/SR Export
			Revised STOA margin due to discontinuation of 50 MW MTOA Arunachal Pradesh to NPCL(UP)	NER-ER/NER Export
7	29th September 2021		Change in Load-Generation of NER     Two units of Kameng HEP (4x150 MW) are under force outage	ER-NER/NER Import/NER-ER/NER Export
		1st to 10th October 2021	ATC/TTC Curtailed due to shutdown of 765 kV Wardha - Aurangabad - 3 & 4	ER-SR/WR-SR/SR Import
8	5th October	6th October	Due to emergency shutdown of 765 kV Raichur Sholapur - 2	WR-SR/SR Import
9	6th October	8th October	TTC/ATC Revised due to Shutdown of 765 kV Orai - Aligarh - 1	WR-NR, ER-NR & NR Import
10	7th October	9th October	TTC/ATC Revised due to Shutdown of 765 kV Agra - Gwalior - 2	WR-NR, ER-NR & NR Import

ASSUM	IPTIONS IN BASECASE				
				Month : October 2021	
S.No.	Name of State/Area		Load	Generat	
	NODTHEDN DEGION	Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
1 1	NORTHERN REGION	40744	40007	2074	2074
	Punjab	10744	10867	3971	3971
2	Haryana	9492	9088	2701	2701
3	Rajasthan	10485	9635	8259	8259
	Delhi Littor Bradoch	5321	5152	796	795 10689
5	Uttar Pradesh	20631	20099	10623	
6 7	Uttarakhand Himachal Pradesh	2124 1354	1886 1114	928 783	939 769
8	Jammu & Kashmir	2363	1962	884	883
9	Chandigarh	313	249	0	0
10	ISGS/IPPs	48	48	21958	20013
10	Total NR	62875	60100	50903	49019
	Total Nix	02013	00100	30303	43013
П	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
0	Total ER	26808	23662	35850	28906
	Total ETC	20000	20002	30000	20000
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