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

Issue Date: 7th September, 2021 Issue Time: 1100 hrs Revision No. 12

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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 September 2021 to 30th September 2021	06-18	2500	500	2000	1206	794			
		18-24				378	1622			
						11279				
		00.06	19500	1000	18500	112//	7221			
		00-06	18550**	1000	17550**	10329**	7221			
WR-NR*	1st September 2021 to th	06-18	19500	1000	18500	11668	6832			
WK-INK	September 2021	00-18	18550**	1000	17550**	10718**	0632			
						11279				
		18-24	19500	1000	18500		7221			
			18550**		17550**	10329**	, 223			
			19050		17050	11279				
		00-06	18950	1000	17950		6671	-550		
			18000**		17000**	10329**				
			18950		17950	11668				
WR-NR*	8th September	06-18	10930	1000	17930	11008	6282	-550	TTC/ATC Revised due to forced outage of HVDC Mundra Mahindergarh Pole 1	
	2021		18000**		17000**	10718**				
			18950		17950	11279				
		18-24		1000		10329**	6671	-550		
			18000**		17000**	10329***				
			19500		18500	11279				
		00-06		19300	1000	16500	10329**	7221		
			18550**		17550**	10329***				
	9th September		19500		18500	11668				
WR-NR*	2021 to 30th	06-18		1000			6832			
	September 2021		18550**		17550**	10718**				
			19500		18500	11279				
		18-24	10550**	1000	17550**	10329**	7221			
			18550**		17550**					
	1st September	00-06	2000		1800	93	1707			
NR-ER*	2021 to 30th	06-18	2000	200	1800	908	892			
	September 2021	18-24	2000		1800	93	1707			
ER-NR*	1st September 2021 to 7th September 2021	00-24	5900	400	5500	4372	1128			
ER-NR*	8th September 2021	00-24	5800	400	5400	4372	1028	-100	TTC/ATC Revised due to forced outage of HVDC Mundra Mahindergarh Pole 1	
ER-NR*	9th September 2021 to 30th September 2021	00-24	5900	400	5500	4372	1128			
	1-4.5									
W3-ER	1st September 2021 to 30th	00-24						No limit is b	being specified.	
DIX	September 2021	00 27								
	1st September									
ER-W3	2021 to 30th	00-24						No limit is b	eing specified.	
	September 2021									
	1-t C: 1	00.05	0200		0.550		5051			
	1st September 2021 to 3rd	00-05 05-22	9300 9300	650	8650 8650	3596	5054 5054			
	September 2021	22-24	9300		8650		5054			
	4th September	00-05	9300	650	8650	2506	5054			
	2021	05-22 22-24	9300 9300	650	8650 8650	3596	5054 5054			
WR-SR	5th September	00-05	9300		8650		5054			
	2021	05-22	9300	650	8650	3596	5054			
	6th September	22-24 00-05	9300 9350		8650 8700		5054 5104			
	2021 to 30th	05-22	9350	650	8700	3596	5104			
	September 2021	22-24	9350		8700		5104			
SR-WR*	1st September 2021 to 30th	00-09 09-16	6000 5100	400 400	5600 4700	857 857	4743 3843			
	September 2021	16-24	6000	400	5600	857	4743			

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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		1		2672	2428		
	1st September 2021 to 3rd	06-18	5450	350	5100	2757	2343		
	September 2021		3430	330	3100				
		18-24				2672	2428		
	4th September	00-06				2672	2428		
	2021	06-18	5450	350	5100	2757	2343		
ER-SR <sup>△</sup>		18-24				2672	2428		
EK-SK		00-06				2672	2428		
	5th September 2021	06-18	5450	350	5100	2757	2343		
	2021	18-24				2672	2428		
	6th September 2021 to 30th September 2021	00-06	5750	350	5400	2672	2728		
		06-18				2757	2643		
		18-24				2672	2728		
SR-ER*	1st September 2021 to 30th September 2021	00-24		No limit is being Specified.				eing Specified.	
		00-02	1670		1625	455	670		
	1st September	02-07	1670		1625	455	670		
ER-NER*	2021 to 30th	07-12	1670	45	1625 1625	455 455	670 670		
	September 2021	12-18 18-22	1670 1430		1385	455 455	430		
		22-24	1670		1625	455	670		
		00-02	2700		2655	131	3024		
	1 . 6	02-07	2700		2655	131	3024		
MED ED:	1st September	07-12	2700	45	2655	131	3024		
NER-ER*	2021 to 30th	12-18	2700	45	2655	131	3024		
	September 2021	18-22	2600		2555	131	2924		
		22-24	2700		2655	131	3024		
W3 zone Injection	1st September 2021 to 30th September 2021	otember to 30th 00-24 No limit is being specified (In case of any constraints appearing in the system, W3 zone export would be revised accordingly)							

Note: TTC/ATC of S1-(S2&S3) corridor, Import of S3(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

- 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 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.

NER-ER TTC has been decreased by 500MW after reversal of HVDC BNC-APD-Agra and 500MW again added after subtracting LTA/MTOA from ATC to keep STOA marging unchanged in NER-ER/NER export.

Simultaneous Import 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	25400 24450**		24000 23050**	15651 14701**	8349			
			25400		24000	16040				
		06-09	24450**		23050**	15090**	7960			
NR	1st September 2021 to 7th September 2021	09-17	25400 24450**	1400	24000 23050**	16040	7960			
			25400		24000	16040				
		17-18					7960			
			24450**		23050**	15090**				
		18-24	25400		24000	15651	8349			
			24450**		23050**	14701**				
		00-06	24750		23350	15651	7699	-650		
		00-00	23800**		22400**	14701**	1027	-050		
		0.5.00	24750		23350	16040				
		06-09	23800**		22400**	15090**	7310	-650		
		09-17	24750		23350	16040	7310			
NR	8th September 2021			1400				-650	TTC/ATC Revised due to forced outage of HVDC Mundra Mahindergarh Pole 1	
			23800**		22400**	15090**				
		17-18	24750		23350	16040	7310	-650		
		17-10	23800**		22400**	15090**	7510	-030		
		18-24	24750	i	23350	15651	7699	-650		
			23800**		22400**	14701**	7099	-030		
			25400		24000	15651	0240			
		00-06	24450**			23050**	14701**	8349		
			25400		24000	16040				
		06-09	24450**		23050**	15090**	7960			
NR	9th September 2021 to 30th	09-17	25400	1400	24000	16040	7960			
1,21	September 2021		24450**		23050**	15090**	7900			
			25400		24000	16040				
		17-18					7960			
			24450** 25400		23050**	15090**				
		18-24			24000	15651	8349			
		00-02	24450** 1170		23050** 1125	14701** 455	670			
	1st September	02-07	1170		1125	455	670			
NER*	2021 to 30th	07-12 12-18	1170 1170	45	1125 1125	455 455	670 670			
	September 2021	18-22	930		885	455	430			
WR*		22-24	1170		1125	455	670			
WK	1st September	00-06	14750		13750	6270	7480			
	2021 to 3rd	06-18	14750	1000	13750	6355	7395			
	September 2021	18-24 00-06	14750 14750		13750 13750	6270 6270	7480 7480			
	4th September 2021	06-18	14750	1000	13750	6355	7395			
SR*#		18-24 00-06	14750 14750		13750 13750	6270 6270	7480 7480			
	5th September 2021	06-18	14750	1000	13750	6355	7395			
	6th September	18-24 00-06	14750 15100		13750 14100	6270 6270	7480 7830			
	2021 to 30th	06-18	15100	1000	14100	6355	7745			
	September 2021	18-24	15100		14100	6270	7830			

\* 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 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	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	
	1st September	00-06				471	3329			
NR*	2021 to 30th	06-18	4500	700	3800	2114	1686			
	September 2021	18-24				471	3329			
		00-02	3200	200 200 200 45	3155	131	3024			
		02-07	3200		3155	131	3024			
NER*	1st September 2021 to 30th	07-12	3200		45	3155	131	3024		
MEK.	September 2021	12-18	3200			3155	131	3024		
		18-22	3100		3055	131	2924			
		22-24	3200		3155	131	3024			
WR*										
	1st September	00-09	5500	400	5100	1586	3514			
SR*^	2021 to 30th	09-16	4600	400	4200	1586	2614			
	September 2021	16-24	5500	400	5100	1586	3514			
Real Time	TTC/ATC revisio	ns are up	oloaded on P	OSOCO/NL	DC "News U	pdate" (Flasher) S	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)		
Corridor	Constraint	Applicable Revisions	
00111401	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 5	
	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	Rev- 6 to 12	
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	Rev- 0 to 12	
ER-NR	<ol> <li>N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt.</li> <li>Inter-regional flow pattern towards NR</li> </ol>	Rev- 0	
	Inter-regional flow pattern towards NR	Rev- 1 to 12	
WR-SR	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 12	
SK	Low Voltage at Gazuwaka (East) Bus.		
SR-WR	<ul> <li>a) N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt</li> <li>b) N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs</li> </ul>	Rev- 0 to 3	
	<ul> <li>a) N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt</li> <li>b) N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs</li> </ul>	Rev- 4 to 12	
ER-NER	<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 12	
NER-ER	<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 7	
NEK-EK	<ul> <li>a) N-1 contingency of 400 kV Bongaigaon - Alipurduar I or II</li> <li>b) High Loading of 220 kV Salakati - Alipurduar DC (200 MW)</li> </ul>	Rev- 8 to 12	
W3 zone Injection		Rev- 0 to 12	

## **Limiting Constraints (Simultaneous)**

			Applicable Revisions		
		N-1 contingency of 400 kV Mejia-Maithon A line will overload the other ckt.     Inter-regional flow pattern towards NR	Rev- 0		
	Import	Inter-regional flow pattern towards NR	Rev- 1 to 12		
NR		N-1 contingency of 1500 MVA, 765/400 kV ICT at Agra will overload the other ICT	Rev- 0		
		N-1 contingency of 1000 MVA, 765/400 kV ICT at Orai will overload the other ICT	Rev- 1 to 5		
		N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	Rev- 6 to 12		
	E	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak.	Rev- 0 to 12		
	Export	(n-1) contingency of 400 kV Saranath-Pusauli	Kev- 0 to 12		
	Import	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C	Rev- 0 to 12		
NER	Export	a) N-1 contingency of 220 kV Salakati - Alipurduar I or II b) High Loading of 220 kV Salakati - Alipurduar II or I	Rev- 0 to 7		
		<ul><li>a) N-1 contingency of 400 kV Bongaigaon - Alipurduar I or II</li><li>b) High Loading of 220 kV Salakati - Alipurduar DC (200 MW)</li></ul>	Rev- 8 to 12		
		N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT			
	Import	N-1 of one ckt of 765kV Angul-Srikakulam D/C will overload the other circuit	Rev- 0 to 12		
		Low Voltage at Gazuwaka (East) Bus			
SR	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 3		
SK	Export	N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs	Kev- U to 3		
	Export	<ul> <li>a) N-1 of Pune Kharghar would overload 400 kV Pune-Kalwa.</li> <li>b) Overloading of Kolhapur (PG)-Kolhapur (MS) under outage of other circuit &amp; overloading of 400/220 kV NSPCL ICT under outage of the other ICT.</li> </ul>	Rev- 4 to 12		

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

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected		
1	4th June 2021	Whole month	a) Reversal in HVDC APD-Agra flow	WR-NR, ER-NR & NR Import		
			b) Commissioning of 765kV Ajmer-Phagi D/C and 765kV G.Noida-Fatehabad S/C			
ļ			a) Revised STOA margin due to decrease in LTA allocations by 5 MW (90 MW to 85 MW) from AWEK1L to UPPCL			
ļ			b) Revised STOA margin due to increase in LTA allocations by 21 MW (19 MW to 40 MW) from	WR-NR/NR Import		
_			AWEK1L to Chandigarh Revised STOA margin due to increase in LTA allocations by 10 MW (65 MW to 75 MW) from			
2	28th June 2021	Whole month	AWEKTL-WR to KSEB	WR-SR/ SR Import		
			Revised STOA margin due to increase in LTA allocation by 4 MW (62 MW to 68 MW) from	CD MAD		
ļ			BETAM to UP (NR)	SR-WR		
ļ			Revised STOA margin due to increase in LTA allocation from BETAM to UP (NR) & Odisha each	SR Export		
			by 4 MW (62 MW to 8MW)	SK EXPORT		
3	17th July 2021	Whole month	Revised Reliability Margin (TRM) considering 2% of the total anticipated peak demand met in	WR-NR, ER-NR & NR Import		
-	,		MW in NR Import			
4	19th July 2021	Whole month	Revised TTC/ATC due to change in LGBR of WR and outage of all units of Kudgi.	SR-WR/SR Export		
			Revised STOA margin due to -			
			a) Increase in LTA from Rihand to MP by 4.5MW (from 45 MW to 49.5 MW)	Ì		
			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		
			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			
5	28th July 2021	Whole month	f) NR ISGS allocation to Gujrat increased from 58 MW to 80 MW			
3		whole month	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)	WR-NR/NR Import		
ļ			b) LTA of 228 MW from PGLR SREPL to UPPCL (SR-WR-NR)	Witt-Witty Witt Import		
ļ			c) LTA of 6.9 MW from Rajghat, MP to UPPCL			
Ų			7			
ļ			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		
6	24th August, 2021	Whole Month	Revised TTC/ATC due to commissioning of 765kV Vindhyachal-Varanasi D/C	WR-NR, ER-NR & NR Import		
ļ			Revised STOA margin due to increase in LTA from PGLR_SREPL to UP by 12 MW (from 228MW	SR-WR/SR Export; WR-NR/NR		
			to 240 MW)	Import		
7	28th August, 2021	Whole Month	Revised STOA margin due to operationalisation of LTA of 73 MW from Tuticorin-BETAMWIND	ER-NR/NR Import		
			to UPPCL (SR-ER-NR)			
ļ			Revised STOA margin due to change in LTA allocations	NR-ER		
			Revised STOA margin due to change in LTA allocations	NER Import/Export		
8	29th August, 2021	Whole Month	1) Change in Load-Generation of NER	NED Import/Evport		
8	29th August, 2021	whole worth	2) One Unit BGTPP (3x250 MW) and Kameng HEP (4x150 MW) are under force outage	NER Import/Export		
			3) commissioning of 400 kV Palatana - SM Nagar(TSECL) Line 1 on 11th July 2021			
9	29th August, 2021	1st to 3rd Sep 2021	Revised TTC/ATC due to continuous shutdown of 400kV Rengali-Indravati-1	WR-SR/ER-SR/SR Import		
10	3rd September 2021	4th September 2021	Revised TTC/ATC due to non revival shutdown of 400kV Rengali-Indravati-1	WR-SR/ER-SR/SR Import		
11	4th September 2021	5th September 2021	Revised TTC/ATC due to non revival shutdown of 400kV Rengali-Indravati-1	WR-SR/ER-SR/SR Import		
		1	TTC/ATC Revised due to forced outage of HVDC Mundra Mahindergarh Pole 1	WR-NR/ER-NR/NR Import		

ASSUM	MPTIONS IN BASECASE					
				Month : September 202	21	
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
	T-4-1 All In 4:-	400007	400404	404040	470000
	Total All India	186067	169164	194946	176088