

**National Load Despatch Centre
Total Transfer Capability for Aug 2023**

Issue Date:Jul 30 2023

Issue Time:09:57:56

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 Aug to 31 Aug	00:00 to 18:00	1900	60	1840	460	1380	1070	TTC/ATC Revised due to 1. Commission of second ckt of 220 kV Balipar-Sonabil line. 2. Reconductoring of 220 kV BTPS-Salakati DC and 220 kV Salakati-Alipurduar with HTLS conductor. (Upgradation process of bay equipment in both circuits is not yet completed) 3. Change in Load Generation Balance in NER Grid
		18:00 to 22:00	1600	60	1540	460	1080	890	
		22:00 to 24:00	1900	60	1840	460	1380	1070	
ER-NR	01 Aug to 31 Aug	00:00 to 24:00	8000	400	7600	5097	2503	0	
ER-SR	01 Aug to 31 Aug	00:00 to 06:00	5700	350	5350	3078	2272	0	
		06:00 to 18:00	5700	350	5350	3143	2207	0	
		18:00 to 24:00	5700	350	5350	3078	2272	0	
ER-W3	01 Aug to 31 Aug	00:00 to 24:00	No limit is being specified.						
ER-WR	01 Aug to 31 Aug	00:00 to 24:00	NA	NA		NA		0	
NER-ER	01 Aug to 31 Aug	00:00 to 18:00	2900	60	2840	116	2724	-550	TTC/ATC Revised due to 1. Commission of second ckt of 220 kV Balipar-Sonabil line. 2. Reconductoring of 220 kV BTPS-Salakati DC and 220 kV Salakati-Alipurduar with HTLS conductor. (Upgradation process of bay equipment in both circuits is not yet completed) 3. Change in Load Generation Balance in NER Grid
		18:00 to 22:00	2900	60	2840	116	2724	-435	
		22:00 to 24:00	2900	60	2840	116	2724	-550	
NR-ER	01 Aug	00:00 to 06:00	4000	300	3700	125	3575	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
	to 31 Aug	06:00 to 18:00	4000	300	3700	1990	1710	0	
		18:00 to 24:00	4000	300	3700	125	3575	0	
NR-WR	01 Aug to 31 Aug	00:00 to 06:00	4000	500	3500	1547	1953	0	
		06:00 to 18:00	4000	500	3500	6089	0	0	
		18:00 to 24:00	4000	500	3500	1547	1953	0	
SR-ER	01 Aug to 31 Aug	00:00 to 24:00	No limit is being specified.						
SR-WR	01 Aug to 31 Aug	00:00 to 06:00	7400	650	6750	650	6100	0	
		06:00 to 18:00	7400	650	6750	850	5900	0	
		18:00 to 24:00	7400	650	6750	650	6100	0	
W3 Injection	01 Aug to 31 Aug	00:00 to 24:00	NA	NA		NA		0	
W3-ER	01 Aug to 31 Aug	00:00 to 24:00	No limit is being specified.						
WR-ER	01 Aug to 31 Aug	00:00 to 06:00	5500	300	5200	990	4210	0	
		06:00 to 18:00	5500	300	5200	1040	4160	0	
		18:00 to 24:00	5500	300	5200	990	4210	0	
WR-NR	01 Aug to 31 Aug	00:00 to 06:00	17800	1000	16800	11451	5349	0	
		06:00 to 18:00	17800	1000	16800	11775	5025	0	
		18:00 to 24:00	17800	1000	16800	11451	5349	0	
WR-SR	01 Aug to 31 Aug	00:00 to 06:00	11600	650	10950	3738	7212	0	
		06:00 to 18:00	11600	650	10950	4840	6110	0	
		18:00 to 24:00	11600	650	10950	3738	7212	0	

- Based on the actual distribution of corridor flows, Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for short-term transactions wherever applicable.
- Considering 400 kV Rihand stage-III - Vindhyaachal PS D/C line as inter-regional line for the purpose of scheduling, metering and accounting and 950 MW ex-bus generation in Rihand stage-III. Rihand Stage-III generation is considered as NR regional entity.
- S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala 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) KWPCCL, 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 Grid-India/NLDC "News Update" (Flasher) Section

Simultaneous Import Capability

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	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 Aug to 31 Aug	00:00 to 24:00	NA	NA		NA		0	
NER	01 Aug to 31 Aug	00:00 to 18:00	1400	60	1340	460	880	570	TTC/ATC Revised due to 1. Commission of second ckt of 220 kV Balipar-Sonabil line. 2. Reconductoring of 220 kV BTPS-Salakati DC and 220 kV Salakati-Alipurduar with HTLS conductor. (Upgradation process of bay equipment in both circuits is not yet completed) 3. Change in Load Generation Balance in NER Grid
		18:00 to 22:00	1100	60	1040	460	580	390	
		22:00 to 24:00	1400	60	1340	460	880	570	
NR	01 Aug to 31 Aug	00:00 to 06:00	25800	1400	24400	16548	7852	0	
		06:00 to 18:00	25800	1400	24400	16872	7528	0	
		18:00 to 24:00	25800	1400	24400	16548	7852	0	
SR	01 Aug to 31 Aug	00:00 to 06:00	17300	1000	16300	6816	9484	0	
		06:00 to 18:00	17300	1000	16300	7983	8317	0	
		18:00 to 24:00	17300	1000	16300	6816	9484	0	
WR	01 Aug to 31 Aug	00:00 to 24:00	NA	NA			0	0	

- Based on the actual distribution of corridor flows, Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for short-term transactions wherever applicable.
- 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.
- 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) KWPCCL, 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 Grid-India/NLDC "News Update" (Flasher) Section

Simultaneous Export Capability

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	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 Aug to 31 Aug	00:00 to 24:00	NA	NA		NA		0	
NER	01 Aug to 31 Aug	00:00 to 18:00	3400	60	3340	116	3224	-50	TTC/ATC Revised due to 1. Commission of second ckt of 220 kV Balipar-Sonabil line. 2. Reconductoring of 220 kV BTPS-Salakati DC and 220 kV Salakati-Alipurduar with HTLS conductor. (Upgradation process of bay equipment in both circuits is not yet completed) 3. Change in Load Generation Balance in NER Grid
		18:00 to 22:00	3400	60	3340	116	3224	65	
		22:00 to 24:00	3400	60	3340	116	3224	-50	
NR	01 Aug to 31 Aug	00:00 to 06:00	4000	500	3500	1672	1828	0	
		06:00 to 18:00	4000	500	3500	8079	0	0	
		18:00 to 24:00	4000	500	3500	1672	1828	0	
SR	01 Aug to 31 Aug	00:00 to 06:00	6350	650	5700	2018	3682	0	
		06:00 to 18:00	6350	650	5700	2369	3331	0	
		18:00 to 24:00	6350	650	5700	2018	3682	0	
WR	01 Aug to 31 Aug	00:00 to 24:00	NA	NA		NA		0	

- Based on the actual distribution of corridor flows, Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for short-term transactions wherever applicable.
- Considering 400 kV Rihand stage-III - Vindhyachal PS D/C line as inter-regional line for the purpose of scheduling, metering and accounting and 950 MW ex-bus generation in Rihand stage-III. Rihand Stage-III generation is considered as NR regional entity.
- S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala 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) KWPCCL, 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 Grid-India/NLDC "News Update" (Flasher) Section

Limiting Constraints

Corridor	Constraints	Revisions
WR-NR	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	0-5

Corridor	Constraints	Revisions
NR-ER	1. Overloading of one circuit of 400 kV New Ranchi – New PPSP D/C on the tripping of the other circuit 2. Overloading of one circuit of 400 kV Kahalgaon – Farakka D/C on the tripping of the other circuit 3. Overloading of 400 kV Farakka – Sagardighi – 1 on the tripping of 400 kV Farakka – Sagardighi - 2	0-5
WR-ER	1. Overloading of one circuit of 400 kV New Ranchi – New PPSP D/C on the tripping of the other circuit 2. Overloading of one circuit of 400 kV Kahalgaon – Farakka D/C on the tripping of the other circuit 3. Overloading of 400 kV Farakka – Sagardighi – 1 on the tripping of 400 kV Farakka – Sagardighi - 2	2-5
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	N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt	0-5
ER-NER	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Balipara - Sonabil D/C	0-5
NER-ER	a) N-1 contingency of 400 kV Bongaigaon-Alipurduar I or II b) High Loading of 400 kV Bongaigaon- New Siliguri DC	0-5
NR_IMPORT	N-1 contingency of one ckt of 765 kV Vindhychal-Varanasi will overload the other circuit	0-5
NR_EXPORT	(N-1) Contingency of 400 kV Kankroli-Zerda-S/C will overload 400 KV Bhinmal-Zerda-S/C	0-5
NER_IMPORT	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Balipara - Sonabil D/C	0-5
NER_EXPORT	a) N-1 contingency of 400 kV Bongaigaon-Alipurduar I or II b) High Loading of 400 kV Bongaigaon- New Siliguri DC	0-5
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 May	01 Aug to 31 Aug	Revised STOA margin due to operationalization of a) LTA of 87.3 MW from THEP to Haryana b) LTA of 86.4 MW from JLHEP to Haryana	ER-NR
		01 Aug to 31 Aug	Revised STOA margin due to Increase in the LTA quantum by 9.3 MW from APRAAVA_KHKRDA_JAM_Wind to Puducherry	WR-SR
		01 Aug to 31 Aug	Revised STOA margin due to operationalization of a) LTA of 87.3 MW from THEP to Haryana b) LTA of 86.4 MW from JLHEP to Haryana	NR_IMPORT
		01 Aug to 31 Aug	Revised STOA margin due to Increase in the LTA quantum by 9.3 MW from APRAAVA_KHKRDA_JAM_Wind to Puducherry	SR_IMPORT
2	23 Jun	01 Aug to 31 Aug	Due to change in load - generation scenarios	NR-ER
		01 Aug to 31 Aug	Due to change in load - generation scenarios	WR-ER
3	28 Jun	01 Aug to 31 Aug	Revised STOA margin due to, 1. Operationalization of LTA of 180 MW from SEISPPL_MP to TPDDL 2. Operationalization of LTA of 56.7 MW from Torrent_Sidpur_Jam_W to Haryana 3. Increase in the LTA quantum by 18.9 MW from SRIJAN_MORJAR_BHJ2_W to BRPL 4. Increase in the LTA quantum by 14.5 MW from SITAC_CHUGGER_BHJ2_W to BRPL 5. Increase in the LTA quantum by 14.5 MW from SITAC_CHUGGER_BHJ2_W to BYPL 6. Increase in the LTA quantum by 14.5 MW from AWEKFL to UPPCL 7. Decrease in the LTA quantum by 235 MW from APL, Mundra to Haryana	WR-NR
		01 Aug to 31 Aug	Revised STOA margin due to, 1. Operationalization of LTA of 91.7 MW from MASAYA_BWSPRA_KNDW_S to TSSPDCL 2. Operationalization of LTA of 56.7 MW from MASAYA_BWSPRA_KNDW_S to TSNPDCL 3. Increase in the LTA quantum by 14.5 MW from SITAC_CHUGGER_BHJ2_W to Pondicherry 4. Increase in the LTA quantum by 8.1 MW from APRAAVA_KHKRDA_JAM_W to Pondicherry	WR-SR
		01 Aug to 31 Aug	Revised STOA margin due to, 1. Operationalization of LTA of 180 MW from SEISPPL_MP to TPDDL 2. Operationalization of LTA of 56.7 MW from Torrent_Sidpur_Jam_W to Haryana 3. Increase in the LTA quantum by 18.9 MW from SRIJAN_MORJAR_BHJ2_W to BRPL 4. Increase in the LTA quantum by 14.5 MW from SITAC_CHUGGER_BHJ2_W to BRPL 5. Increase in the LTA quantum by 14.5 MW from SITAC_CHUGGER_BHJ2_W to BYPL 6. Increase in the LTA quantum by 14.5 MW from AWEKFL to UPPCL 7. Decrease in the LTA quantum by 235 MW from APL, Mundra to Haryana	NR_IMPORT
		01 Aug to 31 Aug	Revised STOA margin due to, 1. Operationalization of LTA of 91.7 MW from MASAYA_BWSPRA_KNDW_S to TSSPDCL 2. Operationalization of LTA of 56.7 MW from MASAYA_BWSPRA_KNDW_S to TSNPDCL 3. Increase in the LTA quantum by 14.5 MW from SITAC_CHUGGER_BHJ2_W to Pondicherry 4. Increase in the LTA quantum by 8.1 MW from APRAAVA_KHKRDA_JAM_W to Pondicherry	SR_IMPORT
4	28 Jul	01 Aug to 31 Aug	Revised STOA margin due to, 1. Operationalization of LTA of 225 MW from TPGEL_BKN to TPC MSEB 2. Operationalization of MTOA of 300 MW from TPGEL_BKN to TPC MSEB. 3. Operationalization of MTOA of 200 MW from ABCREPL_BHDL2 to MPSEB_Beneficiary. 4. Operationalization of MTOA of 100 MW from ABCREPL_BHDL2 to PONDY. 5. Increase in allocation quantum from Unchar-I to Gujarat by 36	NR-WR

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
			MW 6. Decrease in the allocation quantum by 36 MW from Tanda-II to Gujarat. 7. Termination of allocation quantum of 5 MW from Meja TPS to Madhya Pradesh.	
		01 Aug to 31 Aug	Revised STOA margin due to, 1. Operationalization of LTA of 1850 MW from MBMP to HARYANA. 2. Operationalization of MTOA of 61.5 MW from JPL-2 to NCRALL. 3. Increase in the LTA quantum by 41.8 MW from NETRA_KOTDA_BHUJ_W to HARYANA 4. Increase in the LTA quantum by 58.3 MW from Torrent_Sidpur_Jam_W to HARYANA	WR-NR
		01 Aug to 31 Aug	Revised STOA margin due to Increase in the LTA quantum by 52.5 MW from From Marwa Thermal Power Western Region to TGTRANSCO.	WR-SR
		01 Aug to 31 Aug	Revised STOA margin due to operationalisation of new allocation of 5 MW from BRBCL to Assam.	ER-NER
		01 Aug to 31 Aug	Revised STOA margin due to discontinuation of allocation quantum of 140.4 MW from BgTPP to Tamil Nadu	NER-ER
		01 Aug to 31 Aug	Revised STOA margin due to, 1. Operationalization of LTA of 1850 MW from MBMP to HARYANA. 2. Operationalization of MTOA of 61.5 MW from JPL-2 to NCRALL. 3. Increase in the LTA quantum by 41.8 MW from NETRA_KOTDA_BHUJ_W to HARYANA 4. Increase in the LTA quantum by 58.3 MW from Torrent_Sidpur_Jam_W to HARYANA	NR_IMPORT
		01 Aug to 31 Aug	Revised STOA margin due to operationalisation of new allocation of 5 MW from BRBCL to Assam.	NER_IMPORT
		01 Aug to 31 Aug	Revised STOA margin due to Increase in the LTA quantum by 52.5 MW from From Marwa Thermal Power Western Region to TGTRANSCO.	SR_IMPORT
		01 Aug to 31 Aug	Revised STOA margin due to, 1. Operationalization of LTA of 225 MW from TPGEL_BKN to TPC MSEB 2. Operationalization of MTOA of 300 MW from TPGEL_BKN to TPC MSEB. 3. Operationalization of MTOA of 200 MW from ABCREPL_BHDL2 to MPSEB_Beneficiary. 4. Operationalization of MTOA of 100 MW from ABCREPL_BHDL2 to PONDY. 5. Increase in allocation quantum from Unchahar-I to Gujarat by 36 MW 6. Decrease in the allocation quantum by 36 MW from Tanda-II to Gujarat. 7. Termination of allocation quantum of 5 MW from Meja TPS to Madhya Pradesh.	NR_EXPORT
		01 Aug to 31 Aug	Revised STOA margin due to discontinuation of allocation quantum of 140.4 MW from BgTPP to Tamil Nadu	NER_EXPORT
5	30 Jul	01 Aug to 31 Aug	TTC/ATC Revised due to 1. Commission of second ckt of 220 kV Balipar-Sonabil line. 2. Reconductoring of 220 kV BTPS-Salakati DC and 220 kV Salakati-Alipurduar with HTLS conductor. (Upgradation process of bay equipment in both circuits is not yet completed) 3. Change in Load Generation Balance in NER Grid	ER-NER
		01 Aug to 31 Aug	TTC/ATC Revised due to 1. Commission of second ckt of 220 kV Balipar-Sonabil line. 2. Reconductoring of 220 kV BTPS-Salakati DC and 220 kV Salakati-Alipurduar with HTLS conductor. (Upgradation process of bay equipment in both circuits is not yet completed) 3. Change in Load Generation Balance in NER Grid	NER-ER
		01 Aug to 31 Aug	TTC/ATC Revised due to 1. Commission of second ckt of 220 kV Balipar-Sonabil line. 2. Reconductoring of 220 kV BTPS-Salakati DC and 220 kV Salakati-Alipurduar with HTLS conductor. (Upgradation process of bay equipment in both circuits is not yet completed) 3. Change in Load Generation Balance in NER Grid	NER_IMPORT
		01 Aug to 31 Aug	TTC/ATC Revised due to 1. Commission of second ckt of 220 kV Balipar-Sonabil line. 2. Reconductoring of 220 kV BTPS-Salakati DC and 220 kV Salakati-Alipurduar with HTLS conductor. (Upgradation process of bay equipment in both circuits is not yet completed) 3. Change in Load Generation Balance in NER Grid	NER_EXPORT

BASECASE LGBR					
S.No.	Name of State/Region	Load		Month: Aug'23	
		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
I	NORTHERN REGION				
1	Punjab	6187	4320	4431	2467
2	Haryana	6301	4633	2327	2029
3	Rajasthan	14634	8276	8964	6149
4	Delhi	4138	1632	530	506
5	Uttar Pradesh	15439	10852	10732	7505
6	Uttarakhand	1894	1473	383	297
7	Himachal Pradesh	1707	1017	546	240
8	Jammu & Kashmir	2488	2157	236	227
9	Chandigarh	197	89	0	0
10	ISGS/IPPs	53	52	21207	9340
	Total NR	53038	34501	49356	28761

II	EASTERN REGION				
1	Bihar	4303	3220	484	409
2	Jharkhand	1498	1268	436	409
3	Damodar Valley Corporation	3224	3002	5182	4218
4	Odisha	5447	4870	3217	2628
5	West Bengal	5848	4471	5542	4582
6	Sikkim	103	55	0	0
7	Bhutan	57	56	107	68
8	ISGS/IPPs	748	698	14253	11518
	Total ER	21230	17642	29221	23833
III	WESTERN REGION				
1	Maharashtra	24497	17173	16678	12825
2	Gujarat	18565	15139	8330	8534
3	Madhya Pradesh	15672	9581	6140	4836
4	Chattisgarh	4723	3510	2439	2625
5	Daman and Diu	0	0	0	0
6	Dadra and Nagar Haveli	903	910	0	0
7	Goa-WR	538	427	0	0
8	ISGS/IPPs	5326	4186	46483	31327
	Total WR	70222	50926	80070	60147
IV	SOUTHERN REGION				
1	Andhra Pradesh	10976	7444	6488	4721
2	Telangana	12210	9955	7160	4955
3	Karnataka	13204	8407	7228	5718
4	Tamil Nadu	16464	13330	9475	5630
5	Kerala	3474	3023	1037	583
6	Pondy	385	377	0	0
7	Goa-SR	90	88	0	0
8	ISGS/IPPs	0	0	19219	15358
	Total SR	56804	42625	50606	36964
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	123	94	7	7
2	Assam	1193	1068	289	292
3	Manipur	188	118	0	0
4	Meghalaya	367	288	100	24
5	Mizoram	92	63	33	54
6	Nagaland	160	162	18	17
7	Tripura	214	229	164	159
8	ISGS/IPPs	0	0	2248	2153
	Total NER	2338	2022	2859	2707
	Total All India	203632	147716	212112	152412