National Load Despatch Centre Total Transfer Capability for February 2022

Issue Date: 28th December, 2021 Issue Time: 1700 hrs Revision No. 2

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 February	00-06				628	1372		
NR-WR*	2022 to 28th February 2022	06-18	2500	500	2000	1856	144		
		18-24				628	1372		
		00-06	19500	1000	18500	11433 10483**	7067		
	1st February		18550** 19500		17550** 18500	11822			
WR-NR*	2022 to 28th February 2022	06-18	18550**	1000	17550**	10872*	6678		
			19500		18500	11433			
		18-24	18550**	1000	17550**	10483**	7067		
		00-06	2000		1800	93	1707		
	1st February	06-18	2000		1800	1308	492		Revised STOA margin due to
NR-ER*	2022 to 28th February 2022	18-24	2000	200	1800	93	1707		a) Discontinuation of MTOA of 300 MW from AP43PL_BKN(SECI) to Odisha b) Increase in LTA of 50 MW from RSWPL3_FTG2 to BSHPCL c) Increase in LTA of 33 MW from AP41PL_BHDL to Odisha
ER-NR*	1st February 2022 to 28th February 2022	00-24	5900	400	5500	4356	1144		Revised STOA margin due to increase in LTA of 23 MW from BRBCL (Railways)
					•				
W3-ER	1st February 2022 to 28th February 2022	00-24						No limit is	being specified.
W3-ER ER-W3	2022 to 28th	00-24							being specified.
	2022 to 28th February 2022 1st February 2022 to 28th		10350		9700		5582		being specified.
	2022 to 28th February 2022 1st February 2022 to 28th February 2022 1st February 2022 to 28th	00-24 00-05 05-22	10350	650	9700	4118	5582		
ER-W3	2022 to 28th February 2022 1st February 2022 to 28th February 2022 1st February 2022 to 28th February 2022 1st February 2022 to 28th	00-24		650		4118			being specified. Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar
ER-W3 WR-SR^	2022 to 28th February 2022 1st February 2022 to 28th February 2022 1st February 2022 to 28th February 2022 1st February	00-24 00-05 05-22 22-24	10350 10350		9700 9700		5582 5582		being specified. Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar
ER-W3 WR-SR^ SR-WR*	2022 to 28th February 2022 1st February 2022 to 28th February 2022 1st February 2022 to 28th February 2022 1st February 2022 to 28th February 2022	00-24 00-05 05-22 22-24	10350 10350 4600	400	9700 9700 4200		5582 5582		being specified. Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar
ER-W3 WR-SR^	2022 to 28th February 2022 1st February 2022 to 28th February 2022 1st February 2022 to 28th February 2022 1st February 2022 1st February 2022	00-24 00-05 05-22 22-24 00-24 00-06 06-18	10350 10350		9700 9700	983 2675 2760	5582 5582 3217 2775 2690		being specified. Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar
ER-W3 WR-SR^ SR-WR *	2022 to 28th February 2022 1st February 2022 to 28th February 2022 1st February 2022 to 28th February 2022 1st February 2022 to 28th February 2022	00-24 00-05 05-22 22-24 00-24	10350 10350 4600	400	9700 9700 4200	983	5582 5582 3217 2775	No limit is	being specified. Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar
ER-W3 WR-SR^ SR-WR *	2022 to 28th February 2022 1st February 2022 to 28th February 2022 to 28th	00-24 00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-24	10350 10350 4600 5800	400	9700 9700 4200 5450	983 2675 2760 2675	5582 5582 3217 2775 2690 2775	No limit is	Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar private limited) to Pondicherry
ER-W3 WR-SR^ SR-WR *	2022 to 28th February 2022 1st February 2022 to 28th February 2022	00-24 00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-24 00-02 02-07	10350 10350 4600 5800 930 930	400	9700 9700 4200 5450 585 885	983 2675 2760 2675 455 455	5582 5582 3217 2775 2690 2775	No limit is	Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar private limited) to Pondicherry
ER-W3 WR-SR^ SR-WR *	2022 to 28th February 2022 1st February 2022 2022 to 28th February 2022 1st February 2022 to 28th February 2022 to 28th February 2022	00-24 00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-24 00-02 02-07 07-12	10350 10350 4600 5800 930 930 910	400	9700 9700 4200 5450	983 2675 2760 2675 455 455 455	5582 5582 3217 2775 2690 2775 430 430 410	No limit is	Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar private limited) to Pondicherry
ER-W3 WR-SR^ SR-WR * ER-SR^ SR-ER *	2022 to 28th February 2022 1st February 2022 to 28th February 2022	00-24 00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-02 02-07 07-12 12-18 18-22	10350 10350 4600 5800 930 930 910 915 680	350	9700 9700 4200 5450 585 885 865 865 870 635	983 2675 2760 2675 455 455 455 455 455 455 455	5582 5582 3217 2775 2690 2775 430 430 410 415 180	No limit is	Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar private limited) to Pondicherry
ER-W3 WR-SR^ SR-WR * ER-SR^ SR-ER *	2022 to 28th February 2022 1st February 2022 2022 to 28th February 2022 1st February 2022 to 28th February 2022 to 28th February 2022	00-24 00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-24 00-02 02-07 07-12 12-18 18-22 22-24	10350 10350 4600 5800 930 910 915 680 930	350	9700 9700 4200 5450 5450 885 885 865 870 635 885	983 2675 2760 2675 455 455 455 455 455 455 455	5582 5582 3217 2775 2690 2775 430 410 411 180 430	No limit is	Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar private limited) to Pondicherry
ER-W3 WR-SR^ SR-WR * ER-SR^ SR-ER *	2022 to 28th February 2022 1st February 2022 to 28th February 2022	00-24 00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-02 02-07 07-12 12-18 18-22 22-24 00-02 02-07	10350 10350 4600 5800 930 930 910 915 680 930 3375 3375	350	9700 9700 4200 4200 5450 885 885 865 870 635 885 885 3330 3330	983 2675 2760 2675 455 455 455 455 455 455 455	5582 5582 3217 2775 2690 2775 430 430 410 415 180 430 3249 3249	No limit is	Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar private limited) to Pondicherry
ER-W3 WR-SR^ SR-WR * ER-SR^ ER-NER*	2022 to 28th February 2022 1st February 2022 2022 to 28th February 2022 1st February 2022 to 28th February 2022 to 28th February 2022	00-24 00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-02 02-07 07-12 12-18 18-22 22-24 00-02 02-07 07-12	10350 10350 4600 5800 930 930 910 915 680 930 3375 3375 3350	350	9700 9700 4200 4200 5450 5450 885 885 865 870 635 885 3330 3330 3305	983 2675 2760 2675 455 455 455 455 455 455 81 81 81	5582 5582 3217 2775 2690 2775 430 430 410 415 180 430 3249 3249 3224	No limit is	Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar private limited) to Pondicherry
ER-W3 WR-SR^ SR-WR * ER-SR^ SR-ER *	2022 to 28th February 2022 1st February 2022 to 28th February 2022	00-24 00-05 05-22 22-24 00-24 00-06 06-18 18-24 00-02 02-07 07-12 12-18 18-22 22-24 00-02 02-07	10350 10350 4600 5800 930 930 910 915 680 930 3375 3375	400 350 45	9700 9700 4200 4200 5450 885 885 865 870 635 885 885 3330 3330	983 2675 2760 2675 455 455 455 455 455 455 455	5582 5582 3217 2775 2690 2775 430 430 410 415 180 430 3249 3249	No limit is	Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar private limited) to Pondicherry

National Load Despatch Centre Total Transfer Capability for February 2022

Issue Date: 28th December, 2021 Issue Time: 1700 hrs Revision No. 2

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
W3 zone Injection	1st February 2022 to 28th February 2022		No limit is be	ing specified (l	n case of any c	onstraints appearin	g in the system, W	3 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 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 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

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**	15789 14839**	8211		
	06-09	25400 24450**		24000 23050**	16178 15228**	7822		
1st February 2022 to 28th February 2022	09-17	25400 24450**	1400	24000 23050**	16178 15228**	7822		Revised STOA margin due to increase in LTA of 23 MW from BRBCL (Railways)
	17-18	25400 24450**		24000 23050**	16178 15228**	7822		
	18-24	25400 24450**		24000 23050**	15789 14839**	8211		
	00-02	930		885	455	430		
1 of Fohmom:	02-07	930		885	455	430		
•		910	1.5	865	455	410		
		915	40	870	455	415		
1 001441 y 2022	18-22	680		635	455	180		
	22-24	930		885	455	430		
1st Fohmow	00-06	16150		15150	6793	8357		Revised STOA margin due to
2022 to 28th	06-18	16150	1000	15150	6878	8272		operationalization of LTA of 100 MW from Rajasthan (ABC Solar private
February 2022	18-24	16150		15150	6793	8357		limited) to Pondicherry
	1st February 2022 to 28th February 2022 1st February 2022 to 28th February 2022	Date (hrs) Period (hrs) 00-06 06-09 1st February 2022 to 28th February 2022 09-17 17-18 18-24 00-02 02-07 07-12 12-18 18-22 22-24 12-18 18-22 22-24 1st February 2022 00-06 06-18 18 February 2022	Date Period (hrs) Transfer Capability (TTC) 25400	Date Time Period (hrs) Transfer Capability (TTC) Reliability Margin 00-06 25400 25400 225400 25400 25400 06-09 24450** 25400 1st February 2022 to 28th 25400 February 2022 17-18 24450** 18-24 25400 18-24 25400 18-24 24450** 25400 1400 18-24 24450** 25400 1400 18-24 24450** 25400 1400 18-24 25400 18-24 25400 18-24 25400 15 February 202-07 930 07-12 910 12-18 915 18-22 680 22-24 930 1st February 202 to 28th February 2022 06-18 16150 1000 1000	Date Transfer Capability (hrs) Reliability Margin (ATC) Transfer Capability (ATC) 00-06 (hrs) 25400 (ATC) 24000 24450** 23050** 25400 (06-09) 24450** 24000 1st February 2022 25400 (09-17) 24450** 24000 17-18 (24450**) 25400 (24000) 24000 17-18 (24450**) 25400 (24000) 24000 18-24 (24450**) 23050** 24000 18-24 (24450**) 23050** 24000 1st February 2022 to 28th February 2022 16150 (16150) 15150 1st February 2022 to 28th February 2022 to 28th February 2022 to 28th February 2022 16150 (16150) 1000 (15150)	Time Period (hrs)	Time Period (hrs)	Date

^{*} 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-NRATC = 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.

^{**}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:

Simultaneo	multaneous Export Capability								
Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)		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				721	3079		D. J. ISTO.
NR*	1st February 2022 to 28th February 2022	06-18	4500	700	3800	3164	636		Revised STOA margin due to a) Discontinuation of MTOA of 300 MW from AP43PL_BKN(SECI) to Odisha b) Increase in LTA of 50 MW from RSWPL3_FTG2 to BSHPCL
	·	18-24				721	3079		c) Increase in LTA of 33 MW from AP41PL_BHDL to Odisha
		00-02	3375		3330	81	3249		
		02-07	3375		3330	81	3249		
NER*	1st February 2022 to 28th	07-12	3350	45	3305	81	3224		
NEK.	February 2022	12-18	3320	43	3275	81	3194		
		18-22	3270		3225	81	3144		
		22-24	3375		3330	81	3249		
WR*									
SR*^	1st February 2022 to 28th February 2022	00-24	3700	400	3300	1804	1496		Revised STOA margin due to increase in LTA by 20 MW from HIRIYUR_OSTROKANNADA to Bihar

^{*} 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	
WR-NR	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	Rev- 0-2
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	Rev- 0-2
ER-NR	Inter-regional flow pattern towards NR	Rev- 0-2
	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	Rev- 0-2
	Low Voltage at Gazuwaka (East) Bus.	110, 02
CD W/D	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- 0-2
ER-NER	 a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C 	Rev- 0-2
NER-ER	 a) N-1 contingency of 220 kV Salakati - Alipurduar I or II b) High Loading of 220 kV Salakati - Alipurduar II or I 	Rev- 0-2
W3 zone Injection		Rev- 0-2

Limiting Constraints (Simultaneous)

		(ominical cours)	Applicable Revisions	
	Import	Inter-regional flow pattern towards NR	Rev- 0-2	
NR	Import	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	Rev- 0-2	
IVIX	Export	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak.	Rev- 0-2	
	Export	(n-1) contingency of 400 kV Saranath-Pusauli	Kev- 0-2	
		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- 0-2	
NER		c) High Loading of 220 kV Salakati - BTPS D/C (0700 hrs to 1200 hrs)		
	E	a) N-1 contingency of 220 kV Salakati - Alipurduar I or II	D 0.2	
	Export	b) High Loading of 220 kV Salakati - Alipurduar II or I	Rev- 0-2	
		N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	Rev- 0-2	
		Low Voltage at Gazuwaka (East) Bus	Kev- 0-2	
	Export	N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt	Rev- 0-2	
	Export	N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs	Kev- 0-2	

National Load Despatch Centre Total Transfer Capability for February 2022

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected
			Revised STOA margin due to a) Operationalization of LTA OF 300 MW from RSBPL_FTG2 to Maharastra b) Operationalization of LTA OF 100 from ASunceEPL_BKN to Maharastra c) Operationalization of LTA OF 250 from MRPL to CSEB d) Operationalization of LTA OF 250 MW from ACSEPL_BHADLA to Maharastra e) Operationalization of LTA from AP41PL_BHDL to ODISHA	NR-ER/NR-WR/NR Export
1	28th November 2021	Whole Month	Revised STOA margin due to operationalization of the LTA quantum of Tuticorin-BETAMWIND to UPPCL	WR-NR/ER-NR/NR Import
			Revised STOA margin due to a) Operationalization of LTA OF 50 MW from Fatehgarh PS(ACME Solar) to Pondicherry b) Operationalization of LTA OF 90 MW from Fatehgarh-II Solar to Telangana	WR-SR/SR Import
			Revised STOA margin due to a) Operationalization of LTA from Spring Energy,Pugalur to UP b) Operationalization of LTA from HIRIYUR_OSTROKANNADA to Bihar	SR-WR/SR Export
	201.0		Revised STOA margin due to a) Discontinuation of MTOA of 300 MW from AP43PL_BKN(SECI) to Odisha b) Increase in LTA of 50 MW from RSWPL3_FTG2 to BSHPCL c) Increase in LTA of 33 MW from AP41PL_BHDL to Odisha	NR-ER/NR-WR/NR Export
2	28th December 2021	Whole Month	Revised STOA margin due to increase in LTA of 23 MW from BRBCL (Railways)	ER-NR/NR Import
			Revised STOA margin due to operationalization of LTA of 100 MW from Rajasthan (ABC Solar private limited) to Pondicherry	WR-SR/SR Import
			Revised STOA margin due to increase in LTA by 20 MW from HIRIYUR_OSTROKANNADA to Bihar	SR Export

I N 1 2 3 4 5 6 7 8 9 10 III 1 2 3 Dam 4 5 6 7 8 8 III V 1 2 3 4 5 6 Da 7 8 IV S 1 2 3 4 5 6 7 8 V NOR	Name of State/Area NORTHERN REGION Punjab Haryana Rajasthan Delhi Uttar Pradesh Uttarakhand Himachal Pradesh Jammu & Kashmir Chandigarh ISGS/IPPs Total NR EASTERN REGION	Peak Load (MW) 10744 9492 10485 5321 20631 2124 1354 2363 313	Load Off Peak Load (MW) 10867 9088 9635 5152 20099 1886 1114	Month : February 2022 Generati Peak (MW) 3971 2701 8259 796 10623 928	on Off Peak (MW) 3971 2701 8259 795 10689
I N 1 2 3 4 5 6 7 8 9 10 III 1 2 3 Dam 4 5 6 7 8 8 IIII V 1 2 3 4 5 6 7 8 IIV S 1 2 3 4 5 6 7 8 V NOR	NORTHERN REGION Punjab Haryana Rajasthan Delhi Uttar Pradesh Uttarakhand Himachal Pradesh Jammu & Kashmir Chandigarh ISGS/IPPs Total NR	Peak Load (MW) 10744 9492 10485 5321 20631 2124 1354 2363	Off Peak Load (MW) 10867 9088 9635 5152 20099 1886 1114	Peak (MW) 3971 2701 8259 796 10623	Off Peak (MW) 3971 2701 8259 795
1 2 3 4 5 6 Da 7 8 S S S S S S S S S S S S S S S S S S	Punjab Haryana Rajasthan Delhi Uttar Pradesh Uttarakhand Himachal Pradesh Jammu & Kashmir Chandigarh ISGS/IPPs Total NR	10744 9492 10485 5321 20631 2124 1354 2363	10867 9088 9635 5152 20099 1886 1114	3971 2701 8259 796 10623	3971 2701 8259 795
1	Punjab Haryana Rajasthan Delhi Uttar Pradesh Uttarakhand Himachal Pradesh Jammu & Kashmir Chandigarh ISGS/IPPs Total NR	9492 10485 5321 20631 2124 1354 2363	9088 9635 5152 20099 1886 1114	2701 8259 796 10623	2701 8259 795
2 3 4 5 6 7 8 8 IV S 1 2 3 4 4 5 6 6 7 8 8 V NOR	Haryana Rajasthan Delhi Uttar Pradesh Uttarakhand Himachal Pradesh Jammu & Kashmir Chandigarh ISGS/IPPs Total NR	9492 10485 5321 20631 2124 1354 2363	9088 9635 5152 20099 1886 1114	2701 8259 796 10623	2701 8259 795
3 4 5 6 7 8 8	Rajasthan Delhi Uttar Pradesh Uttarakhand Himachal Pradesh Jammu & Kashmir Chandigarh ISGS/IPPs Total NR	10485 5321 20631 2124 1354 2363	9635 5152 20099 1886 1114	8259 796 10623	8259 795
4 5 6 7 8 S S S S S S S S S S S S S S S S S S	Delhi Uttar Pradesh Uttarakhand Himachal Pradesh Jammu & Kashmir Chandigarh ISGS/IPPs Total NR	5321 20631 2124 1354 2363	5152 20099 1886 1114	796 10623	795
5 6 7 8 S S S S S S S S S S S S S S S S S S	Uttar Pradesh Uttarakhand Himachal Pradesh Jammu & Kashmir Chandigarh ISGS/IPPs Total NR	20631 2124 1354 2363	20099 1886 1114	10623	+
6 7 8 9 10 10 11 1 1 2 3 Dam 4 5 6 7 8 8 11 1 2 3 3 4 4 5 5 6 Da 7 8 11 2 3 3 4 5 6 7 8 8 1 2 3 3 4 5 6 6 7 8 8 1 1 2 1 2 1 3 1 4 1 5 1 2 1 3 1 4 1 5 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Uttarakhand Himachal Pradesh Jammu & Kashmir Chandigarh ISGS/IPPs Total NR	2124 1354 2363	1886 1114		10680
7 8 9 10 10 11 1 1 2 3 Dam 4 5 6 7 8 8 1V S 1 2 3 4 5 6 7 8 8 1V S 1 2 3 4 5 6 7 8 8 1V NOR	Himachal Pradesh Jammu & Kashmir Chandigarh ISGS/IPPs Total NR	1354 2363	1114	928	
8 9 10 10 III II I	Jammu & Kashmir Chandigarh ISGS/IPPs Total NR	2363		_	939
9 10 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Chandigarh ISGS/IPPs Total NR		4000	783	769
10 II	ISGS/IPPs Total NR	313	1962	884	883
III II	Total NR		249	0	0
1		48	48	21958	20013
1	EASTERN REGION	62875	60100	50903	49019
1	EASTERN REGION				
2 3 Dam 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8					
3 Dam 4 5 6 7 8 III V 1 2 3 4 5 6 Da 7 8 IV S 1 2 3 4 5 6 7 8 V NOR	Bihar	6537	5617	356	349
4 5 6 7 8 8 V NOR	Jharkhand	1958	1503	511	501
5 6 7 8 IV S 1 2 3 4 5 6 7 8 8 V NOR	nodar Valley Corporation	2985	2723	5856	4190
6 7 8 III V 1 2 3 4 5 6 Da 7 8 IV S 1 2 3 4 5 6 7 8 8 V NOR	Orissa	4513	4310	3998	3798
7 8	West Bengal	9704	8401	7033	6210
III	Sikkim	119	116	0	0
III V 1	Bhutan	181	181	2325	2325
1 2 3 4 5 6 Da 7 8 S 1 2 3 4 5 6 7 8 S V NOR	ISGS/IPPs	810	810	15771	11533
1 2 3 4 5 6 Da 7 8 S 1 2 3 4 5 6 7 8 S V NOR	Total ER	26808	23662	35850	28906
1 2 3 4 5 6 Da 7 8 S 1 2 3 4 5 6 7 8 S V NOR					
2 3 4 5 6 Da 7 8 S 1 2 3 4 5 6 7 8 S V NOR	WESTERN REGION				
3 4 5 6 Da 7 8 IV S 1 2 3 4 5 6 7 8 V NOR	Maharashtra	17405	16509	11624	10789
4 5 6 Da 7 8 IV S 1 2 3 4 5 6 7 8 V NOR	Gujarat	13918	11320	8601	7246
5 6 Da 7 8 IV S 1 2 3 4 5 6 7 8 V NOR	Madhya Pradesh	9254	8534	3596	3845
6 Da 7 8 IV S 1 2 3 4 5 6 7 8	Chattisgarh	4309	3965	2531	2835
7 8 1V S 1 2 3 4 5 6 7 8	Daman and Diu	276	236	0	0
8	adra and Nagar Haveli	744	870	0	0
IV S 1 2 3 4 5 6 7 8	Goa-WR	534	420	0	0
1 2 3 4 5 6 7 8 V NOR	ISGS/IPPs	1784	3263	36712	32338
1 2 3 4 5 6 7 8 V NOR	Total WR	48224	45117	63064	57053
1 2 3 4 5 6 7 8 V NOR	COLITHEDNI DECIONI				
2 3 4 5 6 7 8 V NOR	SOUTHERN REGION	0004	7000	0000	5004
3 4 5 6 7 8 V NOR	Andhra Pradesh	8024	7220	6268	5204
4 5 6 7 8 V NOR	Telangana	9100 8396	8117 6654	5196 6023	5078 4850
5 6 7 8 V NOR	Karnataka Tamil Nadu	15210	13068	7256	6376
6 7 8 V NOR	Kerala	3778	2349	1614	961
7 8 V NOR	Pondy	264	2349	0	0
8 V NOR	Goa-SR	82	82	0	0
V NOR	ISGS/IPPs	37	37	14805	14794
	Total SR	44891	37791	41162	37263
	TOTAL OIL	77001	0//01	71102	5,205
	RTH-EASTERN REGION			+	+
1 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	og/idia/a	150	55	60	60
6	Mizoram	173	155	96	93
7	Mizoram Nagaland	435	260	300	300
8	Nagaland	0	0	2371	2370
	Nagaland Tripura	3269	2494	3967	3847
	Nagaland Tripura ISGS/IPPs		2.10.1	+	1
	Nagaland Tripura			1	