

**National Load Despatch Centre  
Total Transfer Capability for January 2022**

Issue Date: 20th January, 2022

Issue Time: 1700 hrs

Revision No. 18

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
NR-WR*	1st January 2022 to 31st January 2022	00-06	2500	500	2000	628	1372		
		06-18				1856	144		
		18-24				628	1372		
WR-NR*	1st January 2022 to 20th January 2022	00-06	19500 18550**	1000	18500 17550**	11433 10483**	7067		
		06-18	17800 16850**	1000	16800 15850**	11822 10872*	4978		
		18-21	17800 16850**	1000	16800 15850**	11433 10483**	5367		
		21-24	19500 18550**	1000	18500 17550**	11433 10483**	7067		
WR-NR*	21st January 2022	00-06	19500 18550**	1000	18500 17550**	11433 10483**	7067		
		06-08	17800 16850**	1000	16800 15850**	11822 10872*	4978		
		08-18	17500 16550**	1000	16500 15550**	11822 10872*	4678		
		18-21	17500 16550**	1000	16500 15550**	11433 10483**	5067		
		21-24	19200 18250**	1000	18200 17250**	11433 10483**	6767		
WR-NR*	22nd January 2022 to 31st January 2022	00-06	19500 18550**	1000	18500 17550**	11433 10483**	7067		
		06-18	17800 16850**	1000	16800 15850**	11822 10872*	4978		
		18-21	17800 16850**	1000	16800 15850**	11433 10483**	5367		
		21-24	19500 18550**	1000	18500 17550**	11433 10483**	7067		
NR-ER*	1st January 2022 to 31st January 2022	00-06	2000	200	1800	93	1707		
		06-18	2000		1800	1308	492		
		18-24	2000		1800	93	1707		
ER-NR*	1st January 2022 to 20th January 2022	00-06	5900	400	5500	4356	1144		
		06-21	7600	400	7200	4356	2844		
		21-24	5900	400	5500	4356	1144		
ER-NR*	21st January 2022	00-06	5900	400	5500	4356	1144		
		06-08	7600	400	7200	4356	2844		
		08-21	7450	400	7050	4356	2694		
		21-24	5750	400	5350	4356	994		
ER-NR*	22nd January 2022 to 31st January 2022	00-06	5900	400	5500	4356	1144		
		06-21	7600	400	7200	4356	2844		
		21-24	5900	400	5500	4356	1144		

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W3-ER	1st January 2022 to 31st January 2022	00-24							No limit is being specified.
ER-W3	1st January 2022 to 31st January 2022	00-24							No limit is being specified.
WR-SR <sup>^</sup>	1st January 2022	00-05	10000	650	9350	4118	5232		
		05-22	10000		9350		5232		
		22-24	10000		9350		5232		
WR-SR <sup>^</sup>	2nd January 2022 to 5th January 2022	00-05	10000	650	9350	4118	5232		
		05-22	10000		9350		5232		
		22-24	10000		9350		5232		
WR-SR <sup>^</sup>	6th January 2022	00-05	11250	650	10600	4118	6482		
		05-22	11250		10600		6482		
		22-24	11250		10600		6482		
WR-SR <sup>^</sup>	7th January 2022 to 10th January 2022	00-05	11250	650	10600	4118	6482		
		05-22	11250		10600		6482		
		22-24	11250		10600		6482		
WR-SR <sup>^</sup>	11th January 2022	00-05	11600	650	10950	4118	6832		
		05-22	11600		10950		6832		
		22-24	11600		10950		6832		
WR-SR <sup>^</sup>	12th January 2022 to 14th January 2022	00-05	11600	650	10950	4118	6832		
		05-22	11600		10950		6832		
		22-24	11600		10950		6832		
WR-SR <sup>^</sup>	15th January 2022	00-07	11600	650	10950	4118	6832		
		07-22	11250		10600		6482		
		22-24	11250		10600		6482		
WR-SR <sup>^</sup>	16th January 2022	00-05	11250	650	10600	4118	6482		
		05-22	11250		10600		6482		
		22-24	11250		10600		6482		
WR-SR <sup>^</sup>	17th January 2022 to 19th January 2022	00-05	11600	650	10950	4118	6832		
		05-22	11600		10950		6832		
		22-24	11600		10950		6832		
WR-SR <sup>^</sup>	20th January 2022	00-07	11600	650	10950	4118	6832		
		07-22	11250		10600		6482		
		22-24	11250		10600		6482		
WR-SR <sup>^</sup>	21st January 2022	00-05	11250	650	10600	4118	6482		
		05-22	11250		10600		6482		
		22-24	11250		10600		6482		
WR-SR <sup>^</sup>	22nd January 2022	00-09	11250	650	10600	4118	6482	-900	Due to shutdown of 765/400KV NIZAMABAD-ICT-1
		09-22	10350		9700		5582		
		22-24	10350		9700		5582		
WR-SR <sup>^</sup>	23rd January 2022 to 31st January 2022	00-05	11250	650	10600	4118	6482		
		05-22	11250		10600		6482		
		22-24	11250		10600		6482		
SR-WR *	1st January 2022 to 5th January 2022	00-24	6600	400	6200	934	5266		
SR-WR *	6th January 2022 to 31st January 2022	00-24	7400	400	7000	934	6066		
ER-SR <sup>^</sup>	1st January 2022	00-06	5750	350	5400	2675	2725		
		06-18				2760	2640		
		18-24				2675	2725		

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ER-SR <sup>Δ</sup>	2nd January 2022 to 5th January 2022	00-06	5750	350	5400	2675	2725				
		06-18				2760	2640				
		18-24				2675	2725				
ER-SR <sup>Δ</sup>	6th January 2022	00-06	5650	350	5300	2675	2625				
		06-18				2760	2540				
		18-24				2675	2625				
ER-SR <sup>Δ</sup>	7th January 2022	00-07	5650	350	5300	2675	2625				
		06-07			5300	2760	2540				
		07-18			4400	2760	1640				
		18-24			4400	2675	1725				
ER-SR <sup>Δ</sup>	8th January 2022	00-07	4750	350	4400	2675	1725				
		06-07			4400	2760	1640				
		07-18			3850	3500	2760			740	
		18-24			3850	3500	2675			825	
ER-SR <sup>Δ</sup>	9th January 2022	00-06	3850	350	3500	2675	825				
		06-18				2760	740				
		18-24				2675	825				
ER-SR <sup>Δ</sup>	10th January 2022	00-06	4750	350	4400	2675	1725				
		06-18				2760	1640				
		18-24				2675	1725				
ER-SR <sup>Δ</sup>	11th January 2022	00-06	5700	350	5350	2675	2675				
		06-18				2760	2590				
		18-24				2675	2675				
ER-SR <sup>Δ</sup>	12th January 2022 to 14th January 2022	00-06	5700	350	5350	2675	2675				
		06-18				2760	2590				
		18-24				2675	2675				
ER-SR <sup>Δ</sup>	15th January 2022	00-06	5700	350	5350	2675	2675				
		06-07				5700	5350			2760	2590
		07-18				5650	5300			2760	2540
		18-24				5650	5300			2675	2625
ER-SR <sup>Δ</sup>	16th January 2022	00-06	5650	350	5300	2675	2625				
		06-18				2760	2540				
		18-24				2675	2625				
ER-SR <sup>Δ</sup>	17th January 2022 to 19th January 2022	00-06	5700	350	5350	2675	2675				
		06-18				2760	2590				
		18-24				2675	2675				
ER-SR <sup>Δ</sup>	20th January 2022	00-06	5700	350	5350	2675	2675				
		06-07				5700	5350			2760	2590
		07-18				5650	5300			2760	2540
		18-24				5650	5300			2675	2625
ER-SR <sup>Δ</sup>	21st January 2022	00-06	5650	350	5300	2675	2625				
		06-18				2760	2540				
		18-24				2675	2625				
ER-SR <sup>Δ</sup>	22nd January 2022	00-06	5650	350	5300	2675	2625		Due to shutdown of 765/400KV NIZAMABAD-ICT-1		
		06-09				5650	5300			2760	2540
		09-18				5450	5100			2760	2340
		18-24				5450	5100			2675	2425
ER-SR <sup>Δ</sup>	23rd January 2022 to 31st January 2022	00-06	5650	350	5300	2675	2625				
		06-18				2760	2540				
		18-24				2675	2625				

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SR-ER *	1st January 2022 to 31st January 2022	00-24							No limit is being Specified.
ER-NER*	1st January 2022 to 11th January 2022	00-02	1850	60	1790	455	1335		
		02-07	1850		1790	455	1335		
		07-12	1850		1790	455	1335		
		12-17	1850		1790	455	1335		
		17-21	1700		1640	455	1185		
		21-24	1850		1790	455	1335		
ER-NER*	12th January 2022	00-02	1850	60	1790	455	1335		
		02-07	1850		1790	455	1335		
		07-10	1850		1790	455	1335		
		10-17	1600		1540	455	1085		
		17-21	1500		1440	455	985		
		21-24	1600		1540	455	1085		
ER-NER*	13th January 2022 to 20th January 2022	00-02	1600	60	1540	455	1085		
		02-07	1600		1540	455	1085		
		07-12	1600		1540	455	1085		
		12-17	1600		1540	455	1085		
		17-21	1500		1440	455	985		
		21-24	1600		1540	455	1085		
ER-NER*	21st January 2022 to 31st January 2022	00-02	1850	60	1790	455	1335		
		02-07	1850		1790	455	1335		
		07-12	1850		1790	455	1335		
		12-17	1850		1790	455	1335		
		17-21	1700		1640	455	1185		
		21-24	1850		1790	455	1335		
NER-ER*	1st January 2022 to 31st January 2022	00-02	2450	60	2390	81	2309		
		02-07	2450		2390	81	2309		
		07-12	2450		2390	81	2309		
		12-17	2450		2390	81	2309		
		17-21	2250		2190	81	2109		
		21-24	2450		2390	81	2309		

W3 zone Injection	1st January 2022 to 31st January 2022	00-24	No limit is being specified (In case of any constraints appearing in the system, W3 zone export would be revised accordingly)						
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**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 - 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

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 Viduyt o) RKM, p) GMR Raikhedra, 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 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

^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	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
NR	1st January 2022 to 20th January 2022	00-06	25400	1400	24000	15789	8211		
			24450**		23050**	14839**			
		06-09	25400		24000	16178	7822		
			24450**		23050**	15228**			
		09-17	25400		24000	16178	7822		
			24450**		23050**	15228**			
		17-18	25400		24000	16178	7822		
			24450**		23050**	15228**			
		18-24	25400		24000	15789	8211		
			24450**		23050**	14839**			
NR	21st January 2022	00-06	25400	1400	24000	15789	8211		
			24450**		23050**	14839**			
		06-08	25400		24000	16178	7822		
			24450**		23050**	15228**			
		08-17	24950		23550	16178	7372		
			24000**		22600**	15228**			
		17-18	24950		23550	16178	7372		
			24000**		22600**	15228**			
		18-24	24950		23550	15789	7761		
			24000**		22600**	14839**			
NR	22nd January 2022 to 31st January 2022	00-06	25400	1400	24000	15789	8211		
			24450**		23050**	14839**			
		06-09	25400		24000	16178	7822		
			24450**		23050**	15228**			
		09-17	25400		24000	16178	7822		
			24450**		23050**	15228**			
		17-18	25400		24000	16178	7822		
			24450**		23050**	15228**			
		18-24	25400		24000	15789	8211		
			24450**		23050**	14839**			
NER*	1st January 2022 to 11th January 2022	00-02	1350	60	1290	455	835		
		02-07	1350		1290	455	835		
		07-12	1350		1290	455	835		
		12-17	1350		1290	455	835		
		17-21	1200		1140	455	685		
		21-24	1350		1290	455	835		

<b>NER*</b>	12th January 2022	00-02	1350	60	1290	455	835	
		02-07	1350		1290	455	835	
		07-10	1350		1290	455	835	
		10-17	1100		1040	455	585	
		17-21	1000		940	455	485	
		21-24	1100		1040	455	585	
<b>NER*</b>	13th January 2022 to 20th January 2022	00-02	1100	60	1040	455	585	
		02-07	1100		1040	455	585	
		07-12	1100		1040	455	585	
		12-17	1100		1040	455	585	
		17-21	1000		940	455	485	
		21-24	1100		1040	455	585	
<b>NER*</b>	21st January 2022 to 31st January 2022	00-02	1350	60	1290	455	835	
		02-07	1350		1290	455	835	
		07-12	1350		1290	455	835	
		12-17	1350		1290	455	835	
		17-21	1200		1140	455	685	
		21-24	1350		1290	455	835	
<b>WR*</b>								
<b>SR**</b>	1st January 2022	00-06	15750	1000	14750	6793	7957	
		06-18	15750		14750	6878	7872	
		18-24	15750		14750	6793	7957	
<b>SR**</b>	2nd January 2022 to 5th January 2022	00-06	15750	1000	14750	6793	7957	
		06-18	15750		14750	6878	7872	
		18-24	15750		14750	6793	7957	
<b>SR**</b>	6th January 2022	00-06	16900	1000	15900	6793	9107	
		06-18	16900		15900	6878	9022	
		18-24	16900		15900	6793	9107	
<b>SR**</b>	7th January 2022	00-06	16900	1000	15900	6793	9107	
		06-07	16900		15900	6878	9022	
		07-18	16000		15000	6878	8122	
		18-24	16000		15000	6793	8207	
<b>SR**</b>	8th January 2022	00-06	16000	1000	15000	6793	8207	
		06-07	16000		15000	6878	8122	
		07-18	15100		14100	6878	7222	
		18-24	15100		14100	6793	7307	
<b>SR**</b>	9th January 2022	00-06	15100	1000	14100	6793	7307	
		06-18	15100		14100	6878	7222	
		18-24	15100		14100	6793	7307	
<b>SR**</b>	10th January 2022	00-06	16000	1000	15000	6793	8207	
		06-18	16000		15000	6878	8122	
		18-24	16000		15000	6793	8207	
<b>SR**</b>	11th January 2022	00-06	17300	1000	16300	6793	9507	
		06-18	17300		16300	6878	9422	
		18-24	17300		16300	6793	9507	

SR <sup>**</sup>	12th January 2022 to 14th January 2022	00-06	17300	1000	16300	6793	9507			
		06-18	17300		16300	6878	9422			
		18-24	17300		16300	6793	9507			
SR <sup>**</sup>	15th January 2022	00-06	17300	1000	16300	6793	9507			
		06-07	17300		16300	6878	9422			
		07-18	16900		15900	6878	9022			
		18-24	16900		15900	6793	9107			
SR <sup>**</sup>	16th January 2022	00-06	16900	1000	15900	6793	9107			
		06-18	16900		15900	6878	9022			
		18-24	16900		15900	6793	9107			
SR <sup>**</sup>	17th January 2022 to 19th January 2022	00-06	17300	1000	16300	6793	9507			
		06-18	17300		16300	6878	9422			
		18-24	17300		16300	6793	9507			
SR <sup>**</sup>	20th January 2022	00-06	17300	1000	16300	6793	9507			
		06-07	17300		16300	6878	9422			
		07-18	16900		15900	6878	9022			
		18-24	16900		15900	6793	9107			
SR <sup>**</sup>	21st January 2022	00-06	16900	1000	15900	6793	9107			
		06-18	16900		15900	6878	9022			
		18-24	16900		15900	6793	9107			
SR <sup>**</sup>	22nd January 2022	00-06	16900	1000	15900	6793	9107		Due to shutdown of 765/400KV NIZAMABAD-ICT-1	
		06-09	16900		15900	6878	9022			
		09-18	15800		14800	6878	7922			-1100
		18-24	15800		14800	6793	8007			

<b>SR</b> <sup>#</sup>	23rd January 2022 to 31st January 2022	00-06	16900	1000	15900	6793	9107		
		06-18	16900		15900	6878	9022		
		18-24	16900		15900	6793	9107		
* Fifty Percent (50 % ) Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for advanced transactions (Bilateral &									
**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									
* For approving STOA Bilateral transactions, margin available in Simultaneous Import of NR would be apportioned on WR-NR Corridor & ER-NR Corridor in the									
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 Imports 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									
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									

**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
NR*	1st January 2022 to 31st January 2022	00-06	4500	700	3800	721	3079		
		06-18				3164	636		
		18-24				721	3079		
NER*	1st January 2022 to 31st January 2022	00-02	2950	60	2890	81	2809		
		02-07	2950			81	2809		
		07-12	2950			81	2809		
		12-17	2950			81	2809		
		17-21	2750			81	2609		
		21-24	2950			81	2809		
WR*									
SR^A	1st January 2022 to 5th January 2022	00-24	5600	400	5200	1804	3396		
SR^A	6th January 2022 to 31st January 2022	00-24	6350	400	5950	1804	4146		

\* 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.

<b>Limiting Constraints (Corridor wise)</b>			<b>Applicable Revisions</b>
<b>Corridor</b>	<b>Constraint</b>		
<b>WR-NR</b>	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit		Rev- 0 to 18
<b>NR-ER</b>	(n-1) contingency of 400 kV Saranath-Pusauli		Rev- 0 to 18
<b>ER-NR</b>	Inter-regional flow pattern towards NR		Rev- 0 to 18
<b>WR-SR and ER-SR</b>	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT		Rev- 0 to 18
	Low Voltage at Gazuwaka (East) Bus.		
<b>SR-WR</b>	a) N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt		Rev- 0 to 18
<b>ER-NER</b>	a) N-1 contingency of 400 kV Bongaigaon - Azara line		Rev- 0 to 18
	b) High Loading of 220 kV Salakati - BTPS D/C		
<b>NER-ER</b>	a) N-1 contingency of 220 kV Salakati - Alipurduar I or II		Rev- 0 to 18
	b) High Loading of 220 kV Salakati - Alipurduar II or I		
<b>W3 zone Injection</b>	---		Rev- 0 to 18
<b>Limiting Constraints (Simultaneous)</b>			
			<b>Applicable Revisions</b>
<b>NR</b>	<b>Import</b>	Inter-regional flow pattern towards NR	Rev- 0 to 18
		N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	
	<b>Export</b>	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Saranath-Pusauli	Rev- 0 to 18
<b>NER</b>	<b>Import</b>	a) N-1 contingency of 400 kV Bongaigaon - Azara line. b) High Loading of 220 kV Salakati - BTPS D/C	Rev- 0 to 18
	<b>Export</b>	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 18
<b>SR</b>	<b>Import</b>	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	Rev- 0 to 18
	<b>Export</b>	N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt	Rev- 0 to 18

**National Load Despatch Centre**  
**Total Transfer Capability for January 2022**

As of: 4th December, 2022

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected
1	28th October 2021	Whole Month	Revised STOA margin due to a) Operationalization of LTA OF 39 MW from PGLR_SREPL to UPPCL b) Operationalization of LTA OF 11 MW from Tuticorin-BETAMWIND to UPPCL c) Discontinuation of 50 MW MTOA Arunachal Pradesh to NPCL(UP)	WR-NR/ER-NR/NR Import
			Revised STOA margin due to operationalization of new LTA of 33 MW from AP41PL_BHDL to ODISHA	NR-ER/NR Export
			Revised STOA margin due to a) Operationalization of LTA of 24 MW from Spring energy to UP (NR) b) Operationalization of LTA of 5 MW from BETAM to UP (NR) c) Operationalization of LTA of 5 MW from BETAM to Odisha (ER) d) Operationalization of LTA of 21 MW from Hiriyur_Ostrokannada to Bihar (ER)	SR-WR/SR-ER/SR Export
2	28th November 2021	Whole Month	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
			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
3	28th December 2021	Whole Month	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 BSHPL c) Increase in LTA of 33 MW from AP41PL_BHDL to Odisha	NR-ER/NR-WR/NR Export
			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
4	29th December 2021	Whole Month	Revised TTC/ATC due to change in flow pattern of WR-NR & ER-NR	ER-NR/WR-NR
			1) Change in Load-Generation of NER 2) One units of Ranganadi HEP (3x105 MW), one unit of Doyang HEP (3x25) and one unit of BgTPP (3x250) are going under planned SD as per approval in 185th OCCM	ER-NR/NER Import/NER-ER/NER Export
5	30th December 2021	01st January 2022	Due to extension of Shutdown of 765KV-WARDHA-AURANGABAD-1 & 2	ER-SR/WR-SR/SR Import
6	31st December 2021	2nd January 2022 to 31st January 2022	Due to extension of Shutdown of 765KV-WARDHA-AURANGABAD-1 & 2	ER-SR/WR-SR/SR Import
7	4th January 2022	6th January 2022 to 31st January 2022	TTC/ATC after commissioning of HVDC Raigarh - Pugalur Pole - IV	ER-SR/WR-SR/SR Import/SR-WR/SR Export
8	4th January 2022	6th January 2022	Due to extension of Shutdown of 765KV-WARDHA-AURANGABAD-1 & 2	ER-SR/WR-SR/SR Import
		7th January 2022	Due to extension of Shutdown of 765KV-WARDHA-AURANGABAD-1 & 2 and Shutdown of HVDC 500KV TALCHER POLE 1	ER-SR/WR-SR/SR Import
9	5th January 2022	7th January 2022 to 10th January 2022	Due to extension of Shutdown of 765KV-WARDHA-AURANGABAD-1 & 2	ER-SR/WR-SR/SR Import
		8th January to 10th January 2022	Due to shutdown of HVDC 500KV TALCHER POLE 1 & 2	ER-SR/SR Import
10	6th January 2022	11th January 2022	Due to extension of Shutdown of 765KV-WARDHA-AURANGABAD-1 & 2	ER-SR/WR-SR/SR Import
11	9th January 2022	11th January 2022	Due to revival of 765KV-WARDHA-AURANGABAD-1	ER-SR/WR-SR/SR Import
12	10th January 2022	12th January to 20th January 2022	Due to shutdown of 400 kV Bongaigaon Bay at Byrnihat Substation (400 kV Bongaigaon - Byrnihat Line will be out as double main bus scheme at Byrnihat SS)	ER-NR/NER Import
13	11th January 2022	15th to 31st January 2022	Due to shutdown of 765KV-WARDHA-AURANGABAD-3 & 4	ER-SR/WR-SR/SR Import
14	13th January 2022	17th to 31st January 2022	Due to deferral of shutdown of 765KV-WARDHA-AURANGABAD-3 & 4	ER-SR/WR-SR/SR Import
15	15th January 2022	20th to 31st January 2022	Due to shutdown of 765KV-WARDHA-AURANGABAD-3 & 4	ER-SR/WR-SR/SR Import
16	18th January 2022	21st January 2022	Due to shutdown of 765 KV PHAGI(RS)-GWALIOR(PG) (PG) CKT-2	ER-NR/WR-NR/NR Import
17	19th January 2022	22nd January 2022	Due to shutdown of 765/400KV NIZAMABAD-ICT-1	ER-SR/WR-SR/SR Import
18	20th January 2022			

ASSUMPTIONS IN BASECASE					
				Month : January 2022	
S.No.	Name of State/Area	Load		Generation	
		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
I	<b>NORTHERN REGION</b>				
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/PPs	48	48	21958	20013
	<b>Total NR</b>	<b>62875</b>	<b>60100</b>	<b>50903</b>	<b>49019</b>
II	<b>EASTERN REGION</b>				
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/PPs	810	810	15771	11533
	<b>Total ER</b>	<b>26808</b>	<b>23662</b>	<b>35850</b>	<b>28906</b>
III	<b>WESTERN REGION</b>				
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/PPs	1784	3263	36712	32338
	<b>Total WR</b>	<b>48224</b>	<b>45117</b>	<b>63064</b>	<b>57053</b>
IV	<b>SOUTHERN REGION</b>				
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/PPs	37	37	14805	14794
	<b>Total SR</b>	<b>44891</b>	<b>37791</b>	<b>41162</b>	<b>37263</b>
V	<b>NORTH-EASTERN REGION</b>				
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/PPs	0	0	2371	2370
	<b>Total NER</b>	<b>3269</b>	<b>2494</b>	<b>3967</b>	<b>3847</b>
	<b>Total All India</b>	<b>186067</b>	<b>169164</b>	<b>194946</b>	<b>176088</b>