

**National Load Despatch Centre  
Total Transfer Capability for November 2021**

Issue Date: 9th November 2021

Issue Time: 1700 hrs

Revision No. 12

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 November 2021 to 30th November 2021	00-06	2500	500	2000	378	1622		
		06-18				956	1044		
		18-24				378	1622		
WR-NR*	1st November 2021 to 7th November 2021	00-06	17500 16550**	1000	16500 15550**	11412 10462**	5088		
		06-18	17500 16550**	1000	16500 15550**	11801 10851**	4699		
		18-24	17500 16550**	1000	16500 15550**	11412 10462**	5088		
WR-NR*	8th November 2021	00-06	17500 16550**	1000	16500 15550**	11412 10462**	5088		
		06-09	17500 16550**	1000	16500 15550**	11801 10851**	4699		
		09-18	17300 16350**	1000	16300 15350**	11801 10851**	4499		
		18-24	17300 16350**	1000	16300 15350**	11412 10462**	4888		
WR-NR*	9th November 2021	00-06	17300 16350**	1000	16300 15350**	11412 10462**	4888		
		06-18	17300 16350**	1000	16300 15350**	11801 10851**	4499		
		18-24	17300 16350**	1000	16300 15350**	11412 10462**	4888		
WR-NR*	10th November 2021	00-06	17300 16350**	1000	16300 15350**	11412 10462**	4888		
		06-18	17300 16350**	1000	16300 15350**	11801 10851**	4499		
		18-24	17300 16350**	1000	16300 15350**	11412 10462**	4888		
WR-NR*	11th November 2021	00-06	17300 16350**	1000	16300 15350**	11412 10462**	4888	-2000	Due to extension of shutdown of 765 kV Orai - Aligarh 1 & 2
		06-18	17300 16350**	1000	16300 15350**	11801 10851**	4499	-2000	
		18-24	17300 16350**	1000	16300 15350**	11412 10462**	4888	-2000	
WR-NR*	12th November 2021 to 30th November 2021	00-06	19300 18350**	1000	18300 17350**	11412 10462**	6888		
		06-18	19300 18350**	1000	18300 17350**	11801 10851**	6499		
		18-24	19300 18350**	1000	18300 17350**	11412 10462**	6888		
NR-ER*	1st November 2021 to 30th November 2021	00-06	2000	200	1800	93	1707		
		06-18	2000		1800	1491	309		
		18-24	2000		1800	93	1707		
ER-NR*	1st November 2021 to 7th November 2021	00-24	5250	400	4850	4322	528		

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ER-NR*	8th November 2021	00-09	5250	400	4850	4322	528		
		09-24	5200	400	4800	4322	478		
ER-NR*	9th November 2021	00-24	5200	400	4800	4322	478		
ER-NR*	10th November 2021	00-24	5200	400	4800	4322	478		
ER-NR*	11th November 2021	00-24	5200	400	4800	4322	478	-650	Due to extension of shutdown of 765 kV Orai - Aligarh 1 & 2
ER-NR*	12th November 2021 to 30th November 2021	00-24	5850	400	5450	4322	1128		
W3-ER	1st November 2021 to 30th November 2021	00-24	No limit is being specified.						
ER-W3	1st November 2021 to 30th November 2021	00-24	No limit is being specified.						
WR-SR <sup>^</sup>	1st November 2021	00-05 05-08 08-22 22-24	10000 10000 8800 8800	650	9350 9350 8150 8150	3880	5470 5470 4270 4270		
WR-SR <sup>^</sup>	2nd November 2021	00-05 05-22 22-24	10000 10000 10000		650		9350 9350	3880	5470 5470
WR-SR <sup>^</sup>	3rd November 2021	00-05 05-22 22-24	10350 10350 10350	650	9700 9700 9700	3880	5820 5820 5820		
WR-SR <sup>^</sup>	4th November 2021 to 8th November 2021	00-05 05-22 22-24	10350 10350 10350	650	9700 9700 9700	3880	5820 5820 5820		
WR-SR <sup>^</sup>	9th November 2021	00-05 05-09 09-22 22-24	10350 10350 10100 10100	650	9700 9700 9450 9450	3880	5820 5820 5570 5570		
WR-SR <sup>^</sup>	10th November 2021	00-05 05-22 22-24	10350 10350 10350	650	9700 9700 9700	3880	5820 5820 5820		
WR-SR <sup>^</sup>	11th November 2021	00-05 05-08 08-22 22-24	10350 10350 8600 8600	650	9700 9700 7950 7950	3880	5820 5820 4070 4070		TTC/ATC revised due to shutdown of HVDC Bhadrawati-Ramagundam-1&2 and 400KV-BHADRAWATI-BHADRAWATI HVDC-1
WR-SR <sup>^</sup>	12th November 2021 to 28th November 2021	00-05 05-22 22-24	8600 8600 8600	650	7950 7950 7950	3880	4070 4070 -1750		
WR-SR <sup>^</sup>	29th November 2021 to 30th November 2021	00-05 05-22 22-24	10350 10350 10350	650	9700 9700 9700	3880	5820 5820 5820		
SR-WR *	1st November 2021	00-08	6600	400	6200	913	5287		
		08-24	5150		4750		3837		
SR-WR *	2nd November 2021 to 10th November 2021	00-24	6600	400	6200	913	5287		
SR-WR *	11th November 2021	00-08	6600	400	6200	913	5287		TTC/ATC revised due to shutdown of HVDC Bhadrawati-Ramagundam-1&2 and 400KV-BHADRAWATI-BHADRAWATI HVDC-1
		08-24	6100	400	5700	913	4787	-500	
SR-WR *	12th November 2021 to 28th November 2021	00-24	6100	400	5700	913	4787	-500	
SR-WR *	29th November 2021 to 30th November 2021	00-24	6600	400	6200	913	5287		

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ER-SR <sup>Δ</sup>	1st November 2021 to 2nd November 2021	00-06	5750	350	5400	2672	2728		TTC/ATC revised due to shutdown of HVDC Bhadrawati-Ramagundam-1&2
		06-18				2757	2643		
		18-24				2672	2728		
ER-SR <sup>Δ</sup>	3rd November 2021	00-06	5800	350	5450	2672	2778		
		06-18				2757	2693		
		18-24				2672	2778		
ER-SR <sup>Δ</sup>	4th November 2021 to 10th November 2021	00-06	5800	350	5450	2672	2778		
		06-18				2757	2693		
		18-24				2672	2778		
ER-SR <sup>Δ</sup>	11th November 2021	00-06	5800	350	5450	2672	2778		
		06-08	5800		5450	2757	2693		
		08-18	5500		5150	2757	2393	-300	
		18-24	5500		5150	2672	2478	-300	
ER-SR <sup>Δ</sup>	12th November 2021 to 28th November 2021	00-06	5500	350	5150	2672	2478	-300	
		06-18	5500		5150	2757	2393	-300	
		18-24	5500		5150	2672	2478	-300	
ER-SR <sup>Δ</sup>	29th November 2021 to 30th November 2021	00-06	5800	350	5450	2672	2778		
		06-18				2757	2693		
		18-24				2672	2778		
SR-ER *	1st November 2021 to 30th November 2021	00-24	No limit is being Specified.						

ER-NER*	1st November 2021 to 30th November 2021	00-02	1690	45	1645	455	1190	
		02-07	1690		1645	455	1190	
		07-12	1690		1645	455	1190	
		12-17	1690		1645	455	1190	
		17-21	1425		1380	455	925	
		21-24	1690		1645	455	1190	
		00-02	2930		2885	81	2804	
NER-ER*	1st November 2021 to 30th November 2021	02-07	2930	45	2885	81	2804	
		07-12	2930		2885	81	2804	
		12-17	2930		2885	81	2804	
		17-21	2825		2780	81	2699	
		21-24	2930		2885	81	2804	
		00-02	2930		2885	81	2804	

W3 zone Injection	1st November 2021 to 30th November 2021	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 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) KWPL, n)Vandana Vidut 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 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**

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 November 2021 to 7th November 2021	00-06	22750	1400	21350	15734	5616		
			21800**		20400**	14784**			
		06-09	22750		21350	16123	5227		
			21800**		20400**	15173**			
		09-17	22750		21350	16123	5227		
			21800**		20400**	15173**			
17-18	22750	21350	16123	5227					
	21800**	20400**	15173**						
18-24	22750	21350	15734	5616					
	21800**	20400**	14784**						
NR	8th November 2021	00-06	22750	1400	21350	15734	5616		
			21800**		20400**	14784**			
		06-09	22750		21350	16123	5227		
			21800**		20400**	15173**			
		09-17	22500		21100	16123	4977		
			21550**		20150**	15173**			
17-18	22500	21100	16123	4977					
	21550**	20150**	15173**						
18-24	22500	21100	15734	5366					
	21550**	20150**	14784**						
NR	9th November 2021	00-06	22500	1400	21100	15734	5366		
			21550**		20150**	14784**			
		06-09	22500		21100	16123	4977		
			21550**		20150**	15173**			
		09-17	22500		21100	16123	4977		
			21550**		20150**	15173**			
17-18	22500	21100	16123	4977					
	21550**	20150**	15173**						
18-24	22500	21100	15734	5366					
	21550**	20150**	14784**						

<b>NR</b>	10th November 2021	00-06	22500	1400	21100	15734	5366		
			21550**		20150**	14784**			
		06-09	22500		21100	16123	4977		
			21550**		20150**	15173**			
		09-17	22500		21100	16123	4977		
			21550**		20150**	15173**			
17-18	22500	21100	16123	4977					
	21550**	20150**	15173**						
18-24	22500	21100	15734	5366					
	21550**	20150**	14784**						
<b>NR</b>	11th November 2021	00-06	22500	1400	21100	15734	5366	-2650	Due to extension of shutdown of 765 kV Orai - Aligarh 1 & 2
			21550**		20150**	14784**			
		06-09	22500		21100	16123	4977	-2650	
			21550**		20150**	15173**			
		09-17	22500		21100	16123	4977	-2650	
			21550**		20150**	15173**			
17-18	22500	21100	16123	4977	-2650				
	21550**	20150**	15173**						
18-24	22500	21100	15734	5366	-2650				
	21550**	20150**	14784**						
<b>NR</b>	12th November 2021 to 30th November 2021	00-06	25150	1400	23750	15734	8016		
			24200**		22800**	14784**			
		06-09	25150		23750	16123	7627		
			24200**		22800**	15173**			
		09-17	25150		23750	16123	7627		
			24200**		22800**	15173**			
17-18	25150	23750	16123	7627					
	24200**	22800**	15173**						
18-24	25150	23750	15734	8016					
	24200**	22800**	14784**						
<b>NER*</b>	1st November 2021 to 30th November 2021	00-02	1190	45	1145	455	690		
			02-07		1190	1145	455	690	
			07-12		1190	1145	455	690	
			12-17		1190	1145	455	690	
			17-21		925	880	455	425	
			21-24		1190	1145	455	690	
<b>WR*</b>									
<b>SR*#</b>	1st November 2021	00-06	15750	1000	14750	6553	8197		
			06-08		15750	14750	6638	8112	
		08-18	14550		13550	6638	6912		
			18-24		14550	13550	6553	6997	

SR <sup>#</sup>	2nd November 2021	00-06	15750	1000	14750	6553	8197		
		06-18	15750		14750	6638	8112		
		18-24	15750		14750	6553	8197		
SR <sup>#</sup>	3rd November 2021	00-06	16150	1000	15150	6553	8597		
		06-18	16150		15150	6638	8512		
		18-24	16150		15150	6553	8597		
SR <sup>#</sup>	4th November 2021 to 8th November 2021	00-06	16150	1000	15150	6553	8597		
		06-18	16150		15150	6638	8512		
		18-24	16150		15150	6553	8597		
SR <sup>#</sup>	9th November 2021	00-06	16150	1000	15150	6553	8597		
		06-09	16150		15150	6638	8512		
		09-18	15900		14900	6638	8262		
		18-24	15900		14900	6553	8347		
SR <sup>#</sup>	10th November 2021	00-06	16150	1000	15150	6553	8597		
		06-18	16150		15150	6638	8512		
		18-24	16150		15150	6553	8597		
SR <sup>#</sup>	11th November 2021	00-06	16150	1000	15150	6553	8597		TTC/ATC revised due to shutdown of HVDC Bhadrawati-Ramagundam-1&2 and 400KV-BHADRAWATI-BHADRAWATI HVDC-1
		06-08	16150		15150	6638	8512		
		08-18	14100		13100	6638	6462	-2050	
		18-24	14100		13100	6553	6547	-2050	
SR <sup>#</sup>	12th November 2021 to 28th November 2021	00-06	14100	1000	13100	6553	6547	-2050	
		06-18	14100		13100	6638	6462	-2050	
		18-24	14100		13100	6553	6547	-2050	
SR <sup>#</sup>	29th November 2021 to 30th November 2021	00-06	16150	1000	15150	6553	8597		
		06-18	16150		15150	6638	8512		
		18-24	16150		15150	6553	8597		

\* 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
NR*	1st November 2021 to 30th November 2021	00-06	4500	700	3800	471	3329		
		06-18				2447	1353		
		18-24				471	3329		
NER*	1st November 2021 to 30th November 2021	00-02	3430	45	3385	81	3304		
		02-07	3430		3385	81	3304		
		07-12	3430		3385	81	3304		
		12-17	3430		3385	81	3304		
		17-21	3325		3280	81	3199		
		21-24	3430		3385	81	3304		
WR*									
SR*^	1st November 2021	00-08	5600	400	5200	1731	3469		
		08-24	4150		3750		2019		
SR*^	2nd November 2021 to 10th November 2021	00-24	5600	400	5200	1731	3469		
SR*^	11th November 2021	00-08	5600	400	5200	1731	3469		TTC/ATC revised due to shutdown of HVDC Bhadrawati-Ramagundam-1&2 and 400KV-BHADRAWATI-BHADRAWATI HVDC-1
		08-24	5200	400	4800	1731	3069	-400	
SR*^	12th November 2021 to 28th November 2021	00-24	5200	400	4800	1731	3069	-400	
SR*^	29th November 2021 to 30th November 2021	00-24	5600	400	5200	1731	3469		

\* 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 1000 MVA, 765/400 kV ICT at Orai will overload the other ICT		Rev- 0 to 1
	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit		2Rev- 2 to 11
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli		Rev- 0 to 12
ER-NR	Inter-regional flow pattern towards NR		Rev- 0 to 12
WR-SR and ER-SR	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT		Rev- 0 to 2
	N-1 of one ckt of 765kV Angul-Srikakulam D/C will overload the other circuit		
	Low Voltage at Gazuwaka (East) Bus.		Rev- 3 to 12
	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT		
SR-WR	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 12
	b) N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs		
ER-NER	a) N-1 contingency of 400 kV Bongaigaon - Azara line		Rev- 0 to 12
	b) High Loading of 220 kV Salakati - BTPS D/C		
NER-ER	a) N-1 contingency of 220 kV Salakati - Alipurduar I or II		Rev- 0 to 12
	b) High Loading of 220 kV Salakati - Alipurduar II or I		
W3 zone Injection	---		Rev- 0 to 12
<b>Limiting Constraints (Simultaneous)</b>			
			<b>Applicable Revisions</b>
NR	Import	Inter-regional flow pattern towards NR	Rev- 0 to 12
		N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	Rev- 0 to 1
	Export	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak.	Rev- 0 to 12
		(n-1) contingency of 400 kV Saranath-Pusauli	
NER	Import	a) N-1 contingency of 400 kV Bongaigaon - Killing line (0000 hrs to 2400 hrs) b) High Loading of 220 kV Balipara-Sonabil (0000 hrs to 0700 hrs) c) High Loading of 220 kV Salakati - BTPS D/C (0700 hrs to 1200 hrs)	Rev- 0 to 12
	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 12
SR	Import	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	Rev- 0 to 2
		N-1 of one ckt of 765kV Angul-Srikakulam D/C will overload the other circuit	
	Export	Low Voltage at Gazuwaka (East) Bus	Rev- 3 to 12
		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		
		N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt	Rev- 0 to 12
		N-1 contingency of 500 MVA ICT at 400 kV Kolhapur-MS will overload the other 2x315 MVA ICTs	

**National Load Despatch Centre**  
**Total Transfer Capability for November 2021**

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected
1	24th August, 2021	Whole Month	Revised TTC/ATC due to commissioning of 765kV Vindhyachal-Varanasi D/C	WR-NR, ER-NR & NR Import
2	28th August, 2021	Whole Month	Revised STOA margin due to increase in LTA from PGLR_SREPL to UP by 12 MW (from 228MW to 240 MW)	SR-WR/SR Export; WR-NR/NR Import
			Revised STOA margin due to operationalisation of LTA of 73 MW from Tuticorin-BETAMWIND to UPPCL (SR-ER-NR)	ER-NR/NR Import
			Revised STOA margin due to change in LTA allocations	NR-ER
			Revised STOA margin due to change in LTA allocations	NER Import/Export
3	25th September 2021	Whole Month	TTC/ATC revised due to commissioning of HVDC Raigarh-Pugalur Pole-3	WR-SR/ER-SR/SR Import
4	28th September 2021	Whole Month	Revised STOA margin due to a)operationalization of new LTA OF 73 MW from Tuticorin-BETAMWIND to UPPCL b)operationalization of new LTA OF 10 MW from Tuticorin-IWISL to Haryana	WR-NR/NR Import
			Revised STOA margin due to a) Discontinuation of 250 MW MTOA from ACSEPL to Madhya Pradesh b) Operationalization of new LTA of 250 MW from RSWPL3_FTG2 to BSPHCL c) Operationalization of new LTA of 300 MW from AP43PL_BKN to Odisha	ER-NR/WR-NR/NR Export
			Revised STOA margin due to a)operationalization of new LTA of 106 MW from Fatehgarh-II Solar to Telangana b) operationalization of new LTA of 176 MW from Bhadla-II Solar to Telangana	WR-SR/SR Import
			Revised STOA margin due to a) Increase LTA by 6 MW from BETAM to UP (NR) b) Increase LTA by 15 MW from Spring Energy,Pugalur to UP (NR) c) Operationalization of 63 MW LTA fromHIRIYUR_OSTROKANNADA to Bihar, ER	SR-WR/SR Export
			Revised STOA margin due to discontinuation of 50 MW MTOA Arunachal Pradesh to NPCL(UP)	NER-ER/NER Export
5	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 Hiriyr_Ostrokannada to Bihar (ER)	SR-WR/SR-ER/SR Export
6	30th October 2021	Whole Month	1) Change in Load-Generation of NER 2) Two units of Kameng HEP (4x150 MW) are under force outage	ER-NER/NER Import/ NER-ER/NER Export
		1st November 2021	Revised TTC/ATC due to shutdown of HVDC Raigarh-Pugalur Pole-3	WR-SR/SR Import/ SR-WR/SR Export
		1st November 2021 to 2nd November 2021	Revised TTC/ATC due to extension of shutdown of 765kV Wardha-Aurangabad-3&4	WR-SR/ER-SR/SR Import
7	1st November 2021	3rd November 2021	Revised TTC/ATC due to extension of shutdown of 765kV Wardha-Aurangabad-3&4	WR-SR/ER-SR/SR Import
8	2nd November 2021	3rd November 2021	Revised TTC/ATC due to revival of 765kV Wardha-Aurangabad-3&4	WR-SR/ER-SR/SR Import
9	06th November 2021	8th November 2021	Revised TTC/ATC due to extension of shutdown of 765 kV Orai - Aligarh 1 & 2	ER-NR/WR-NR/NR Import
		8th to 30th November 2021	Revised TTC/ATC due to shutdown of 400 KV MAHINDERGARH(APL)-DHANODA(HV) (ATIL) CKT-1	ER-NR/WR-NR/NR Import
10	07th November 2021	9th November 2021	Due to extension of shutdown of 765 kV Orai - Aligarh 1 & 2	ER-NR/WR-NR/NR Import
			Due to shutdown of 765KV-WARORA-PG-PARLI NEW-1	WR-SR/SR Import
11	08th November 2021	10th November 2021	Due to extension of shutdown of 765 kV Orai - Aligarh 1 & 2	ER-NR/WR-NR/NR Import
12	09th November 2021	11th November 2021	Due to extension of shutdown of 765 kV Orai - Aligarh 1 & 2	ER-NR/WR-NR/NR Import
		11th to 28th November 2021	TTC/ATC revised due to shutdown of HVDC Bhadrawati-Ramagundam-1&2 and 400KV-BHADRAWATI-BHADRAWATI HVDC-1	WR-SR/SR Export

ASSUMPTIONS IN BASECASE					
				Month : November 2021	
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/IPPs	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/IPPs	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/IPPs	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/IPPs	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/IPPs	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>