

National Load Despatch Centre Total Transfer Capability for Jun 2022									
Issue Date:Jun 23 2022					Issue Time:11:03:29				Revision No :12
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 Jun to 12 Jun	00:00 to 18:00	1790	60	1730	455	1275	0	
		18:00 to 22:00	1560	60	1500	455	1045	0	
		22:00 to 24:00	1790	60	1730	455	1275	0	
	13 Jun to 13 Jun	00:00 to 08:00	1790	60	1730	455	1275	0	
		08:00 to 18:00	1440	60	1380	455	925	0	
		18:00 to 22:00	1320	60	1260	455	805	0	
	14 Jun to 22 Jun	22:00 to 24:00	1440	60	1380	455	925	0	
		00:00 to 18:00	1790	60	1730	455	1275	0	
		18:00 to 22:00	1560	60	1500	455	1045	0	
	23 Jun to 23 Jun	22:00 to 24:00	1790	60	1730	455	1275	0	
		00:00 to 08:00	1790	60	1730	455	1275	0	
		08:00 to 18:00	1440	60	1380	455	925	0	
24 Jun to 30 Jun	18:00 to 22:00	1320	60	1260	455	805	0		
	22:00 to 24:00	1440	60	1380	455	925	0		
	00:00 to 18:00	1790	60	1730	455	1275	0		
ER-NR	01 Jun to 20 Jun	00:00 to 06:00	5900	400	5500	4779	721	0	
		06:00 to 21:00	7600	400	7200	4779	2421	0	
		21:00 to 24:00	5900	400	5500	4779	721	0	
	21 Jun to 21 Jun	00:00 to 06:00	5900	400	5500	4779	721	0	
		06:00 to 09:00	7600	400	7200	4779	2421	0	
		09:00 to 21:00	7400	400	7000	4779	2221	0	
	22 Jun to 23 Jun	21:00 to 24:00	5700	400	5300	4779	521	0	
		00:00 to 06:00	5900	400	5500	4779	721	0	
		06:00 to 21:00	7600	400	7200	4779	2421	0	
	24 Jun to 24 Jun	21:00 to 24:00	5900	400	5500	4779	721	0	
		00:00 to 06:00	5900	400	5500	4779	721	0	
		06:00 to 08:00	7600	400	7200	4779	2421	0	
25 Jun to 30 Jun	08:00 to 21:00	7500	400	7100	4779	2321	0		
	21:00 to 24:00	5800	400	5400	4779	621	0		
	00:00 to 06:00	5900	400	5500	4779	721	0		
	06:00 to 21:00	7600	400	7200	4779	2421	0		
	21:00 to 24:00	5900	400	5500	4779	721	0		
	00:00 to 24:00	5700	350	5350	3152	2198	0		
ER-SR	13 Jun to 13 Jun	00:00 to 06:00	5700	350	5350	3152	2198	0	
		06:00 to 24:00	5550	350	5200	3152	2048	0	
	14 Jun to 22 Jun	00:00 to 24:00	5700	350	5350	3152	2198	0	
	23 Jun to 23 Jun	00:00 to 10:00	5700	350	5350	3152	2198	0	
		10:00 to 24:00	5400	350	5050	3152	1898	0	
	24 Jun to 24 Jun	00:00 to 10:00	5700	350	5350	3152	2198	0	
10:00 to 24:00		5400	350	5050	3152	1898	-300	Due to black start mock drill exercise of HVDC Gazuwaka	
25 Jun to 30 Jun	00:00 to 24:00	5700	350	5350	3152	2198	0		
ER-W3	01 Jun to 30 Jun	00:00 to 24:00	No limit is being specified.						
NER-ER	01 Jun to 30 Jun	00:00 to 18:00	2650	60	2590	258	2332	0	
		18:00 to 22:00	2560	60	2500	258	2242	0	
		22:00 to 24:00	2650	60	2590	258	2332	0	
NR-ER	01 Jun to 30 Jun	00:00 to 06:00	2000	200	1800	100	1700	0	
		06:00 to 18:00	2000	200	1800	1615	185	0	
		18:00 to 24:00	2000	200	1800	100	1700	0	
NR-WR	01 Jun to 30 Jun	00:00 to 06:00	3600	500	3100	1232	1868	0	
		06:00 to 18:00	3600	500	3100	4559	0	0	
		18:00 to 24:00	3600	500	3100	1232	1868	0	
SR-ER	01 Jun to 30 Jun	00:00 to 24:00	No limit is being specified.						
SR-WR	01 Jun to 01 Jun	00:00 to 08:00	7400	650	6750	1034	5716	0	
		08:00 to 24:00	6600	650	5950	1034	4916	0	
	02 Jun to 03 Jun	00:00 to 24:00	6600	650	5950	1034	4916	0	
	04 Jun to 12 Jun	00:00 to 24:00	7400	650	6750	1034	5716	0	
		00:00 to 06:00	7400	650	6750	1034	5716	0	
	13 Jun to 13 Jun	06:00 to 24:00	7100	650	6450	1034	5416	0	
		00:00 to 24:00	7400	650	6750	1034	5716	0	
	23 Jun to 23 Jun	00:00 to 10:00	7400	650	6750	1034	5716	0	
10:00 to 24:00		6800	650	6150	1034	5116	0		
24 Jun to 30 Jun	00:00 to 24:00	7400	650	6750	1034	5716	0		
W3 Injection	01 Jun to 30 Jun	00:00 to 24:00	NA	NA		NA		0	
W3-ER	01 Jun to 30 Jun	00:00 to 24:00	No limit is being specified.						
WR-NR	01 Jun to 20 Jun	00:00 to 06:00	18550	1000	17550	10369	7181	0	

Corridor	Jun 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
	21 Jun to 21 Jun	06:00 to 18:00	16850	1000	15850	10758	5092	0	
		18:00 to 21:00	16850	1000	15850	10369	5481	0	
		21:00 to 24:00	18550	1000	17550	10369	7181	0	
		00:00 to 06:00	18550	1000	17550	10369	7181	0	
		06:00 to 09:00	16850	1000	15850	10758	5092	0	
		09:00 to 18:00	16650	1000	15650	10758	4892	0	
		18:00 to 21:00	16650	1000	15650	10369	5281	0	
	22 Jun to 23 Jun	21:00 to 24:00	18350	1000	17350	10369	6981	0	
		00:00 to 06:00	18550	1000	17550	10369	7181	0	
		06:00 to 18:00	16850	1000	15850	10758	5092	0	
	24 Jun to 24 Jun	18:00 to 21:00	16850	1000	15850	10369	5481	0	
		21:00 to 24:00	18550	1000	17550	10369	7181	0	
		00:00 to 06:00	18550	1000	17550	10369	7181	0	
	25 Jun to 30 Jun	06:00 to 08:00	16850	1000	15850	10758	5092	0	
		08:00 to 18:00	16550	1000	15550	10758	4792	0	
		18:00 to 21:00	16550	1000	15550	10369	5181	0	
	01 Jun to 01 Jun	21:00 to 24:00	18250	1000	17250	10369	6881	0	
		00:00 to 06:00	18550	1000	17550	10369	7181	0	
		06:00 to 18:00	16850	1000	15850	10758	5092	0	
	02 Jun to 03 Jun	18:00 to 21:00	16850	1000	15850	10369	5481	0	
		21:00 to 24:00	18550	1000	17550	10369	7181	0	
00:00 to 06:00		11600	650	10950	3641	7309	0		
04 Jun to 10 Jun	06:00 to 08:00	11600	650	10950	4441	6509	0		
	08:00 to 18:00	10300	650	9650	4441	5209	0		
	18:00 to 24:00	10300	650	9650	3641	6009	0		
11 Jun to 11 Jun	00:00 to 06:00	10300	650	9650	3641	6009	0		
	06:00 to 18:00	10300	650	9650	4441	5209	0		
	18:00 to 24:00	10300	650	9650	3641	6009	0		
12 Jun to 12 Jun	00:00 to 06:00	11600	650	10950	3641	7309	0		
	06:00 to 18:00	11600	650	10950	4441	6509	0		
	18:00 to 24:00	11600	650	10950	3641	7309	0		
13 Jun to 13 Jun	00:00 to 06:00	11600	650	10950	3641	7309	0		
	06:00 to 18:00	10700	650	10050	4441	5609	0		
	18:00 to 24:00	10700	650	10050	3641	6409	0		
14 Jun to 22 Jun	00:00 to 06:00	11600	650	10950	3641	7309	0		
	06:00 to 18:00	11600	650	10950	4441	6509	0		
	18:00 to 24:00	11600	650	10950	3641	7309	0		
23 Jun to 23 Jun	00:00 to 06:00	11600	650	10950	3641	7309	0		
	06:00 to 10:00	11600	650	10950	4441	6509	0		
	10:00 to 18:00	9800	650	9150	4441	4709	0		
24 Jun to 24 Jun	18:00 to 24:00	9800	650	9150	3641	5509	0		
	00:00 to 06:00	11600	650	10950	3641	7309	0		
	06:00 to 10:00	11600	650	10950	4441	6509	0		
25 Jun to 30 Jun	10:00 to 18:00	11550	650	10900	4441	6459	-50	Due to black start mock drill exercise of HVDC Gazuwaka	
	18:00 to 24:00	11550	650	10900	3641	7259	-50		
	00:00 to 06:00	11600	650	10950	3641	7309	0		
	06:00 to 18:00	11600	650	10950	4441	6509	0		
	18:00 to 24:00	11600	650	10950	3641	7309	0		

* 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) 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 POSOCO/NLDC "News Update" (Flasher) Section

^Though 3X315 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 implemetation.

^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(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 Jun to 30 Jun	00:00 to 24:00	NA	NA		NA		0		
NER	01 Jun to 12 Jun	00:00 to 18:00	1290	60	1230	455	775	0		
		18:00 to 22:00	1060	60	1000	455	545	0		
		22:00 to 24:00	1290	60	1230	455	775	0		
	13 Jun to 13 Jun	00:00 to 08:00	1290	60	1230	455	775	0		
		08:00 to 18:00	940	60	880	455	425	0		
		18:00 to 22:00	820	60	760	455	305	0		
	NER	14 Jun to 22 Jun	22:00 to 24:00	940	60	880	455	425	0	
			00:00 to 18:00	1290	60	1230	455	775	0	
			18:00 to 22:00	1060	60	1000	455	545	0	
23 Jun to 23 Jun		22:00 to 24:00	1290	60	1230	455	775	0		
		00:00 to 08:00	1290	60	1230	455	775	0		
		08:00 to 18:00	940	60	880	455	425	0		
24 Jun to 30 Jun		18:00 to 22:00	820	60	760	455	305	0		
		22:00 to 24:00	940	60	880	455	425	0		
		00:00 to 18:00	1290	60	1230	455	775	0		
NR	01 Jun to 20 Jun	18:00 to 24:00	1060	60	1000	455	545	0		
		00:00 to 06:00	24450	1400	23050	15148	7902	0		
		06:00 to 18:00	24450	1400	23050	15537	7513	0		
	21 Jun to 21 Jun	18:00 to 24:00	24450	1400	23050	15148	7902	0		
		00:00 to 06:00	24450	1400	23050	15148	7902	0		
		06:00 to 09:00	24450	1400	23050	15537	7513	0		
	22 Jun to 23 Jun	09:00 to 18:00	24050	1400	22650	15537	7113	0		
		18:00 to 24:00	24050	1400	22650	15148	7502	0		
		00:00 to 06:00	24450	1400	23050	15148	7902	0		
		06:00 to 18:00	24450	1400	23050	15537	7513	0		
		18:00 to 24:00	24450	1400	23050	15148	7902	0		
		00:00 to 06:00	24450	1400	23050	15148	7902	0		
	24 Jun to 24 Jun	06:00 to 08:00	24450	1400	23050	15537	7513	0		
		08:00 to 18:00	24050	1400	22650	15537	7113	0		
		18:00 to 24:00	24050	1400	22650	15148	7502	0		
		00:00 to 06:00	24450	1400	23050	15148	7902	0		
		06:00 to 18:00	24450	1400	23050	15537	7513	0		
		18:00 to 24:00	24450	1400	23050	15148	7902	0		
SR	01 Jun to 01 Jun	00:00 to 06:00	17300	1000	16300	6793	9507	0		
		06:00 to 08:00	17300	1000	16300	7593	8707	0		
		08:00 to 18:00	16000	1000	15000	7593	7407	0		
		18:00 to 24:00	16000	1000	15000	6793	8207	0		
	02 Jun to 03 Jun	00:00 to 06:00	16000	1000	15000	6793	8207	0		
		06:00 to 18:00	16000	1000	15000	7593	7407	0		
	04 Jun to 10 Jun	18:00 to 24:00	16000	1000	15000	6793	8207	0		
		00:00 to 06:00	17300	1000	16300	6793	9507	0		
		06:00 to 18:00	17300	1000	16300	7593	8707	0		
	11 Jun to 11 Jun	18:00 to 24:00	17300	1000	16300	6793	9507	0		
		00:00 to 06:00	17300	1000	16300	6793	9507	0		
		06:00 to 08:00	17300	1000	16300	7593	8707	0		
	12 Jun to 12 Jun	08:00 to 18:00	16900	1000	15900	7593	8307	0		
		18:00 to 24:00	16900	1000	15900	6793	9107	0		
		00:00 to 06:00	17300	1000	16300	6793	9507	0		
	13 Jun to 13 Jun	06:00 to 18:00	17300	1000	16300	7593	8707	0		
		18:00 to 24:00	17300	1000	16300	6793	9507	0		
		00:00 to 06:00	17300	1000	16300	6793	9507	0		
14 Jun to 22 Jun	06:00 to 18:00	16250	1000	15250	7593	7657	0			
	18:00 to 24:00	16900	1000	15900	6793	9107	0			
	00:00 to 06:00	17300	1000	16300	6793	9507	0			
23 Jun to 23 Jun	06:00 to 18:00	17300	1000	16300	7593	8707	0			
	18:00 to 24:00	17300	1000	16300	6793	9507	0			
	00:00 to 06:00	17300	1000	16300	6793	9507	0			
24 Jun to 24 Jun	06:00 to 10:00	17300	1000	16300	7593	8707	0			
	10:00 to 18:00	15200	1000	14200	7593	6607	0			
	18:00 to 24:00	15200	1000	14200	6793	7407	0			
	00:00 to 06:00	17300	1000	16300	6793	9507	0			
25 Jun to 30 Jun	06:00 to 10:00	17300	1000	16300	7593	8707	0			
	10:00 to 18:00	16950	1000	15950	7593	8357	-350	Due to black start mock drill exercise of HVDC Gazuwaka		
	18:00 to 24:00	16950	1000	15950	6793	9157	-350			
WR	01 Jun to 30 Jun	00:00 to 06:00	17300	1000	16300	6793	9507	0		
		06:00 to 18:00	17300	1000	16300	7593	8707	0		
		18:00 to 24:00	17300	1000	16300	6793	9507	0		

* 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 - 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.

* 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(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 Jun to 30 Jun	00:00 to 24:00	NA	NA		NA		0	
NER	01 Jun to 30 Jun	00:00 to 18:00	3150	60	3090	258	2832	0	
		18:00 to 22:00	3060	60	3000	258	2742	0	
		22:00 to 24:00	3150	60	3090	258	2832	0	
NR	01 Jun to 30 Jun	00:00 to 06:00	3600	500	3100	1332	1768	0	
		06:00 to 18:00	3600	500	3100	6174	0	0	
		18:00 to 24:00	3600	500	3100	1332	1768	0	
SR	01 Jun to 01 Jun	00:00 to 08:00	6350	650	5700	2005	3695	0	
		08:00 to 24:00	5550	650	4900	2005	2895	0	
	02 Jun to 03 Jun	00:00 to 24:00	5550	650	4900	2005	2895	0	
	04 Jun to 12 Jun	00:00 to 24:00	6350	650	5700	2005	3695	0	
	13 Jun to 13 Jun	00:00 to 06:00	6350	650	5700	2005	3695	0	
		06:00 to 24:00	6050	650	5400	2005	3395	0	
	14 Jun to 22 Jun	00:00 to 24:00	6350	650	5700	2005	3695	0	
	23 Jun to 23 Jun	00:00 to 10:00	6350	650	5700	2005	3695	0	
		10:00 to 24:00	5750	650	5100	2005	3095	0	
	24 Jun to 30 Jun	00:00 to 24:00	6350	650	5700	2005	3695	0	
WR	01 Jun to 30 Jun	00:00 to 24:00	NA	NA		NA		0	

* 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	Constraints	Revisions
WR-NR	N-1 contingency of one ckt of 765 kV Vindhychal-Varanasi will overload the other circuit	0-12
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	0-12
ER-NR	Inter-regional flow pattern towards NR	0-12
WR-SR	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	0-12
ER-SR	Low Voltage at Gazuwaka (East) Bus.	0-12
SR-WR	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	0-12
ER-NER	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C	0-12
NER-ER	a) N-1 contingency of 220 kV Salakati - BTPS I or II b) High Loading of 220 kV Salakati - BTPS II or I	0-12
NR_IMPORT	Inter-regional flow pattern towards NR	0-12
NR_EXPORT	(N-1) Contingency of 400 kV Banaskantha - Veloda D/C (n-1) contingency of 400 kV Saranath-Pusauli	2-12
NER_IMPORT	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C	0-12
NER_EXPORT	a) N-1 contingency of 220 kV Salakati - BTPS I or II b) High Loading of 220 kV Salakati - BTPS II or I	0-12
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	0-12
SR_EXPORT	N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt	0-12

Revision Summary

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
1	28 Mar	01 Jun to 30 Jun	Revised STOA margin due to a) Increase in LTA quantum by 50 MW from ASunceEPL_BKN to Maharashtra b)Operationalization of new LTA of 700 MW from AREPRL to Maharashtra c) Increase in LTA quantum by 52.42 MW from NSNTPC_FTG1 to TSSPDCL d)Increase in LTA quantum by 22.46 MW from NSNTPC_FTG1 to TSSPDCL e) Operationalization of new Allocation of 577 MW from Dadri-1 to Gujarat f)Operationalization of new Allocation of 27 MW from Unchahar-I to Gujarat	NR-WR
		01 Jun to 30 Jun	Revised STOA margin due to increase in LTA quantum by 33 MW from AP41PL_BHDL to Odisha	NR-ER
		01 Jun to 30 Jun	Revised STOA margin due to operationalization of new LTA of 107 MW from JITPL to UP RAILWAY	ER-NR
		01 Jun to 30 Jun	Revised STOA margin due to in increase in LTA quantum by 75 MW from From Fatehgarh-I Solar to Telangana	WR-SR
		01 Jun to 30 Jun	Revised STOA margin due to operationalization of new LTA of 102 MW from Sembcorp Energy India Limited to GUVNL, Gujarat	SR-WR
		01 Jun to 30 Jun	Revised STOA margin due to operationalization of new LTA of 5 MW from BRBCL to ASSAM	ER-NER
		01 Jun to 30 Jun	Revised STOA margin due to operationalization of new LTA of 107 MW from JITPL to UP RAILWAY	NR_IMPORT
		01 Jun to 30 Jun	Revised STOA margin due to operationalization of new LTA of 5 MW from BRBCL to ASSAM	NER_IMPORT
		01 Jun to 30 Jun	Revised STOA margin due to in increase in LTA quantum by 75 MW from From Fatehgarh-I Solar to Telangana	SR_IMPORT
		01 Jun to 30 Jun	Revised STOA margin due to a) Increase in LTA quantum by 50 MW from ASunceEPL_BKN to Maharashtra b)Operationalization of new LTA of 700 MW from AREPRL to Maharashtra c) Increase in LTA quantum by 52.42 MW from NSNTPC_FTG1 to TSSPDCL d)Increase in LTA quantum by 22.46 MW from NSNTPC_FTG1 to TSSPDCL e) Operationalization of new Allocation of 577 MW from Dadri-1 to Gujarat f)Operationalization of new Allocation of 27 MW from Unchahar-I to Gujarat g) Revised STOA margin due to increase in LTA quantum by 33 MW from AP41PL_BHDL to Odisha	NR_EXPORT

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		01 Jun to 30 Jun	Revised STOA margin due to operationalization of new LTA of 102 MW from Sembcorp Energy India Limited to GUVNL, Gujarat	SR_EXPORT
2	28 Apr	01 Jun to 30 Jun	Revised STOA margin due to a) Increase in LTA quantum by 50 MW from ASunceEPL_BKN to Maharashtra b)Operationalization of new LTA of 60 MW from AvSusRJPPL_BKN to TANGEDCO TTC/ATC revised Due to change in LGB and operation of HVDC Mundra -Mahendragarhin NR-WRdirection (500MW)	NR-WR
		01 Jun to 30 Jun	Revised STOA margin due to discontinuation of LTA quantum of 50 MW from RGPPL to North UPPCL(NCR)	WR-NR
		01 Jun to 30 Jun	Revised STOA margin due to increase in Allocation quantum by 7 MW from Dadri2,Rihand and Singrauli to Bangladesh	NR-ER
		01 Jun to 30 Jun	Revised STOA margin due to operationalization of new LTA of 36.3 MW from BGTPP to Uttarakhand	ER-NR
		01 Jun to 30 Jun	Revised STOA margin a) due to operationalization of new MTOA of 100 MW from DB Power Limited, Chattisgarh to TANGEDCO b)due to operationalization of new LTA of 60 MW from Bikaner Solar(AvSusRJPPL) to TANGEDCO C) due to discontinuation of LTA quantum of 35 MW from RGPPL to Indian Railway,KA	WR-SR
		01 Jun to 30 Jun	Revised STOA margin due to decrease in LTA quantum by 25 MW from DVC to BESCOM	ER-SR
		01 Jun to 30 Jun	Revised STOA margin due to operationalization of new allocation of 36.3 MW from BgTTP to Uttarakhand	NER-ER
		01 Jun to 30 Jun	Revised STOA margin a) due to discontinuation of LTA quantum of 50 MW from RGPPL to North UPPCL(NCR) b) due to operationalization of new LTA of 36.3 MW from BGTPP to Uttarakhand	NR_IMPORT
		01 Jun to 30 Jun	Revised STOA margin a) due to operationalization of new MTOA of 100 MW from DB Power Limited, Chattisgarh to TANGEDCO b)due to operationalization of new LTA of 60 MW from Bikaner Solar(AvSusRJPPL) to TANGEDCO C) due to discontinuation of LTA quantum of 35 MW from RGPPL to Indian Railway, KA d) due to decrease in LTA quantum by 25 MW from DVC to BESCOM	SR_IMPORT
		01 Jun to 30 Jun	Revised STOA margin due to a) Increase in LTA quantum by 50 MW from ASunceEPL_BKN to Maharashtra b)Operationalization of new LTA of 60 MW from AvSusRJPPL_BKN to TANGEDCO c) due to increase in Allocation quantum by 7 MW from Dadri2,Rihand and Singrauli to Bangladesh TTC/ATC revised due to change in LGB and operation of HVDC Mundra -Mahendragarh in NR-WR direction (500 MW)	NR_EXPORT
		01 Jun to 30 Jun	Revised STOA margin due to operationalization of new allocation of 36.3 MW from BgTTP to Uttarakhand	NER_EXPORT
3	28 May	01 Jun to 30 Jun	Revised STOA margin due to a) Increase in LTA quantum by 50 MW from AvSusRJPPL_BKN to TANGEDCO by 100 MW b) Operationalization of new LTA quantum of 130 MW from RSUPL_FTG2 to TSSPDCL & TSNPDCL c) Operationalization of new LTA quantum of 170 MW from RSUPL_FTG2 to TANGEDCO d) Operationalization of new LTA quantum of 300 MW from RSEJ3PL_FTG2 to MP e)Operationalization of new LTA quantum of 250 MW from APMPL_BHDL to MP f)Operationalization of new LTA quantum of 300 MW from ARP1PL_BKN to MP	NR-WR
		01 Jun to 30 Jun	Revised STOA margin due to increase in LTA quantum by 20 MW from IWISL to Haryana	WR-NR
		01 Jun to 30 Jun	Revised STOA margin due to operationalization of new LTA of 275 MW from Teesta-III HEP to Uttar Pradesh	ER-NR
		01 Jun to 30 Jun	Revised STOA margin a) due to increase in LTA quantum by 100 MW from Bikener Solar (AvSusRJPPL) to TANGEDCO b)Operationalization of new LTA quantum of 130 MW from RSUPL_FTG2 to TSSPDCL & TSNPDCL C) Operationalization of new LTA quantum of 170 MW from RSUPL_FTG2 to TANGEDCO	WR-SR
		01 Jun to 30 Jun	Revised STOA margin due to a) discontinuation of MTOA of 102 MW from Sembcorp Energy India Limited to GUVNL, Gujarat b) Operationalization of new allocation of 100 MW from Sembcorp Energy India Limited to Delhi	SR-WR
		01 Jun to 30 Jun	Revised STOA margin due to a) increase in LTA quantum by 20 MW from IWISL to Haryana b) Operationalization of new LTA of 275 MW from Teesta-III HEP to Uttar Pradesh	NR_IMPORT
		01 Jun to 30 Jun	Revised STOA margin a) due to increase in LTA quantum by 100 MW from Bikener Solar (AvSusRJPPL) to TANGEDCO b)Operationalization of new LTA quantum of 130 MW from RSUPL_FTG2 to TSSPDCL & TSNPDCL C) Operationalization of new LTA quantum of 170 MW from RSUPL_FTG2 to TANGEDCO	SR_IMPORT
		01 Jun to 30 Jun	Revised STOA margin due to a) Increase in LTA quantum by 50 MW from AvSusRJPPL_BKN to TANGEDCO by 100 MW b) Operationalization of new LTA quantum of 130 MW from RSUPL_FTG2 to TSSPDCL & TSNPDCL c) Operationalization of new LTA quantum of 170 MW from RSUPL_FTG2 to TANGEDCO d) Operationalization of new LTA quantum of 300 MW from RSEJ3PL_FTG2 to MP e)Operationalization of new LTA quantum of 250 MW from APMPL_BHDL to MP f)Operationalization of new LTA quantum of 300 MW from ARP1PL_BKN to MP	NR_EXPORT
		01 Jun to 30 Jun	Revised STOA margin due to operationalization of new allocation of 36.3 MW from BgTTP to Uttarakhand	NER_EXPORT
		01 Jun to 30 Jun	Revised STOA margin due to a) discontinuation of MTOA of 102 MW from Sembcorp Energy India Limited to GUVNL, Gujarat b) Operationalization of new allocation of 100 MW from Sembcorp Energy India Limited to Delhi	SR_EXPORT
4	30 May	01 Jun to 30 Jun	Revised due to change in flow pattern	WR-NR
		01 Jun to 30 Jun	Revised due to change in flow pattern	ER-NR
		01 Jun to 01 Jun	Revised due to shutdown of HVDC Raigarh Pugalur Pole-3	WR-SR
		01 Jun to 01 Jun	Revised due to shutdown of HVDC Raigarh Pugalur Pole-3	SR-WR
		01 Jun to 30 Jun	Revised due to change in Load Generation of NER & shutdown of Palatana Module-2	ER-NER
		01 Jun to 30 Jun	Revised due to change in Load Generation of NER & shutdown of Palatana Module-2	NER-ER
		01 Jun to 30 Jun	Revised due to change in Load Generation of NER & shutdown of Palatana Module-2	NER_IMPORT
		01 Jun to 01 Jun	Revised due to shutdown of HVDC Raigarh Pugalur Pole-3	SR_IMPORT

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		01 Jun to 30 Jun	Revised due to change in Load Generation of NER & shutdown of Palatana Module-2	NER_EXPORT
		01 Jun to 01 Jun	Revised due to shutdown of HVDC Raigarh Pugalur Pole-3	SR_EXPORT
5	09 Jun	11 Jun to 11 Jun	Due to shutdown of 400 KV Bhadrawati-Ramagundam-2	WR-SR
		11 Jun to 11 Jun	Due to shutdown of 400 KV Bhadrawati-Ramagundam-2	SR_IMPORT
6	11 Jun	13 Jun to 13 Jun	Due to shutdown of 400 KV Bhadrawati-Ramagundam-1	WR-SR
		13 Jun to 13 Jun	Due to Shutdown of 400 kV BALIPARA - MISA - 1 and 400 kV BALIPARA - BCHARIALI - 1	ER-NER
		13 Jun to 13 Jun	Due to Shutdown of 400 kV BALIPARA - MISA - 1 and 400 kV BALIPARA - BCHARIALI - 1	NER_IMPORT
		13 Jun to 13 Jun	Due to shutdown of 400 KV Bhadrawati-Ramagundam-1	SR_IMPORT
7	12 Jun	13 Jun to 13 Jun	Due to shutdown of 400 KV Bhadrawati-Ramagundam-1	WR-SR
		13 Jun to 13 Jun	Due to shutdown of 400 KV Bhadrawati-Ramagundam-1	SR-WR
		13 Jun to 13 Jun	Due to shutdown of 400 KV Bhadrawati-Ramagundam-1	ER-SR
		13 Jun to 13 Jun	Due to shutdown of 400 KV Bhadrawati-Ramagundam-1	SR_IMPORT
		13 Jun to 13 Jun	Due to shutdown of 400 KV Bhadrawati-Ramagundam-1	SR_EXPORT
8	19 Jun	21 Jun to 21 Jun	Due to Shutdown of 400KV-GAYA-CHANDWA-2	WR-NR
		21 Jun to 21 Jun	Due to Shutdown of 400KV-GAYA-CHANDWA-2	ER-NR
		21 Jun to 21 Jun	Due to Shutdown of 400KV-GAYA-CHANDWA-2	NR_IMPORT
9	21 Jun	23 Jun to 23 Jun	Due to Shutdown of 400KV BALIPARA-MISA-1 & 400KV BALIPARA - BNC 1	ER-NER
		23 Jun to 23 Jun	Due to Shutdown of 400KV BALIPARA-MISA-1 & 400KV BALIPARA - BNC 1	NER_IMPORT
10	22 Jun	23 Jun to 23 Jun	Mock drill exercise of HVDC Bhadrawati	WR-SR
		23 Jun to 23 Jun	Mock drill exercise of HVDC Bhadrawati	SR-WR
		23 Jun to 23 Jun	Mock drill exercise of HVDC Bhadrawati	ER-SR
		23 Jun to 23 Jun	Mock drill exercise of HVDC Bhadrawati	SR_IMPORT
		23 Jun to 23 Jun	Mock drill exercise of HVDC Bhadrawati	SR_EXPORT
11	22 Jun	24 Jun to 24 Jun	Due to shutdown of 765/400 KV 1000 MVA ICT 1 AT ORAI(PG)	WR-NR
		24 Jun to 24 Jun	Due to shutdown of 765/400 KV 1000 MVA ICT 1 AT ORAI(PG)	ER-NR
		24 Jun to 24 Jun	Due to shutdown of 765/400 KV 1000 MVA ICT 1 AT ORAI(PG)	NR_IMPORT
12	23 Jun	24 Jun to 24 Jun	Due to black start mock drill exercise of HVDC Gazuwaka	WR-SR
		24 Jun to 24 Jun	Due to black start mock drill exercise of HVDC Gazuwaka	ER-SR
		24 Jun to 24 Jun	Due to black start mock drill exercise of HVDC Gazuwaka	SR_IMPORT

ASSUMPTIONS IN BASECASE				
S.No.	Name of State/Area	Load	Month : June 2022	Generation

		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
I	NORTHERN REGION				
1	Punjab	10744	10867	3971	3971
2	Haryana	9492	9088	2701	2701
3	Rajasthan	10485	9635	8259	8259
4	Delhi	5321	5152	796	795
5	Uttar Pradesh	20631	20099	10623	10689
6	Uttarakhand	2124	1886	928	939
7	Himachal Pradesh	1354	1114	783	769
8	Jammu & Kashmir	2363	1962	884	883
9	Chandigarh	313	249	0	0
10	ISGS/IPPs	48	48	21958	20013
	Total NR	62875	60100	50903	49019
II	EASTERN REGION				
1	Bihar	6537	5617	356	349
2	Jharkhand	1958	1503	511	501
3	Damodar Valley Corporation	2985	2723	5856	4190
4	Orissa	4513	4310	3998	3798
5	West Bengal	9704	8401	7033	6210
6	Sikkim	119	116	0	0
7	Bhutan	181	181	2325	2325
8	ISGS/IPPs	810	810	15771	11533
	Total ER	26808	23662	35850	28906
III	WESTERN REGION				
1	Maharashtra	17405	16509	11624	10789
2	Gujarat	13918	11320	8601	7246
3	Madhya Pradesh	9254	8534	3596	3845
4	Chattisgarh	4309	3965	2531	2835
5	Daman and Diu	276	236	0	0
6	Dadra and Nagar Haveli	744	870	0	0
7	Goa-WR	534	420	0	0
8	ISGS/IPPs	1784	3263	36712	32338
	Total WR	48224	45117	63064	57053
IV	SOUTHERN REGION				
1	Andhra Pradesh	8024	7220	6268	5204
2	Telangana	9100	8117	5196	5078
3	Karnataka	8396	6654	6023	4850
4	Tamil Nadu	15210	13068	7256	6376
5	Kerala	3778	2349	1614	961
6	Pondy	264	264	0	0
7	Goa-SR	82	82	0	0
8	ISGS/IPPs	37	37	14805	14794
	Total SR	44891	37791	41162	37263
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	140	95	118	118
2	Assam	1849	1588	615	574
3	Manipur	207	86	105	103
4	Meghalaya	315	255	302	229
5	Mizoram	150	55	60	60
6	Nagaland	173	155	96	93
7	Tripura	435	260	300	300
8	ISGS/IPPs	0	0	2371	2370
	Total NER	3269	2494	3967	3847
	Total All India	186067	169164	194946	176088