

National Load Despatch Centre Total Transfer Capability for Apr 2022									
Issue Date:Apr 24 2022				Issue Time:16:25:23			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 Apr to 09 Apr	00:00 to 01:00	1710	60	1650	455	1195		
		01:00 to 07:00	1710	60	1650	455	1195		
		07:00 to 12:00	1710	60	1650	455	1195		
		12:00 to 17:00	1710	60	1650	455	1195		
		17:00 to 21:00	1490	60	1430	455	975		
		21:00 to 24:00	1710	60	1650	455	1195		
	10 Apr to 10 Apr	00:00 to 08:00	1710	60	1650	455	1195		
		08:00 to 17:00	1525	60	1465	455	1010		
		17:00 to 21:00	1370	60	1310	455	855		
		21:00 to 24:00	1525	60	1465	455	1010		
	11 Apr to 25 Apr	00:00 to 08:00	1710	60	1650	455	1195		
		08:00 to 17:00	1710	60	1650	455	1195		
		17:00 to 21:00	1490	60	1430	455	975		
		21:00 to 24:00	1710	60	1650	455	1195		
	26 Apr to 26 Apr	00:00 to 07:00	1710	60	1650	455	1195		Due to shutdown of 400 kV Bongaigaon - Brynihat line
		07:00 to 17:00	1525	60	1465	455	1010		
		17:00 to 21:00	1370	60	1310	455	855		
		21:00 to 24:00	1525	60	1465	455	1010		
	27 Apr to 30 Apr	00:00 to 08:00	1710	60	1650	455	1195		
		08:00 to 17:00	1710	60	1650	455	1195		
		17:00 to 21:00	1490	60	1430	455	975		
		21:00 to 24:00	1710	60	1650	455	1195		

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-NR	01 Apr to 25 Apr	00:00 to 06:00	5900	400	5500	4478	1022		
		06:00 to 21:00	7600	400	7200	4478	2722		
		21:00 to 24:00	5900	400	5500	4478	1022		
	26 Apr to 26 Apr	00:00 to 06:00	5900	400	5500	4478	1022		Due to shutdown of 765KV-GWALIOR-JAIPUR-2
		06:00 to 09:00	7600	400	7200	4478	2722		
		09:00 to 21:00	7450	400	7050	4478	2572		
		21:00 to 24:00	5750	400	5350	4478	872		
	27 Apr to 30 Apr	00:00 to 06:00	5900	400	5500	4478	1022		
		06:00 to 21:00	7600	400	7200	4478	2722		
		21:00 to 24:00	5900	400	5500	4478	1022		
ER-SR	01 Apr to 10 Apr	00:00 to 06:00	5700	350	5350	2675	2675		
		06:00 to 18:00	5700	350	5350	2760	2590		
		18:00 to 24:00	5700	350	5350	2675	2675		
	11 Apr to 21 Apr	00:00 to 06:00	5700	350	5350	3202	2148		
		06:00 to 18:00	5700	350	5350	3202	2148		
		18:00 to 24:00	5700	350	5350	3202	2148		
	22 Apr to 22 Apr	00:00 to 09:00	5700	350	5350	3202	2148		
		09:00 to 24:00	5400	350	5050	3202	1848		
	23 Apr to 23 Apr	00:00 to 24:00	5700	350	5350	3202	2148		
	24 Apr to 24 Apr	00:00 to 16:00	5700	350	5350	3202	2148		
		16:00 to 24:00	5400	350	5050	3202	1848		
	25 Apr to	00:00 to 16:00	5700	350	5350	3202	2148		

Corridor	25 Apr 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
	26 Apr to 30 Apr	16:00 to 24:00	5400	350	5050	3202	1848		
		00:00 to 24:00	5700	350	5350	3202	2148		
ER-W3	01 Apr to 30 Apr	00:00 to 24:00	No limit is being specified.						
NER-ER	01 Apr to 09 Apr	00:00 to 01:00	2940	60	2880	81	2799		
		01:00 to 07:00	2940	60	2880	81	2799		
		07:00 to 12:00	2940	60	2880	81	2799		
		12:00 to 17:00	2940	60	2880	81	2799		
		17:00 to 21:00	2840	60	2780	81	2699		
		21:00 to 24:00	2940	60	2880	81	2799		
	10 Apr to 10 Apr	00:00 to 08:00	2940	60	2880	221	2659		
		08:00 to 17:00	2510	60	2450	221	2229		
		17:00 to 21:00	2380	60	2320	221	2099		
		21:00 to 24:00	2510	60	2450	221	2229		
	11 Apr to 25 Apr	00:00 to 08:00	2940	60	2880	221	2659		
		08:00 to 17:00	2940	60	2880	221	2659		
		17:00 to 21:00	2840	60	2780	221	2559		
		21:00 to 24:00	2940	60	2880	221	2659		
	26 Apr to 26 Apr	00:00 to 07:00	2940	60	2880	221	2659		Due to shutdown of 400 kV Bongaigaon - Brynihat line
		07:00 to 17:00	2510	60	2450	221	2229		
		17:00 to 21:00	2380	60	2320	221	2099		
		21:00 to 24:00	2510	60	2450	221	2229		

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	
	27 Apr to 30 Apr	00:00 to 08:00	2940	60	2880	221	2659			
		08:00 to 17:00	2940	60	2880	221	2659			
		17:00 to 21:00	2840	60	2780	221	2559			
		21:00 to 24:00	2940	60	2880	221	2659			
NR-ER	01 Apr to 30 Apr	00:00 to 06:00	2000	200	1800	93	1707			
		06:00 to 18:00	2000	200	1800	1608	192			
		18:00 to 24:00	2000	200	1800	93	1707			
NR-WR	01 Apr to 10 Apr	00:00 to 06:00	2500	500	2000	1232	768			
		06:00 to 18:00	2500	500	2000	3199	0			
		18:00 to 24:00	2500	500	2000	1232	768			
	11 Apr to 30 Apr	00:00 to 06:00	3600	500	3100	1232	1868			
		06:00 to 18:00	3600	500	3100	3199	0			
		18:00 to 24:00	3600	500	3100	1232	1868			
SR-ER	01 Apr to 30 Apr	00:00 to 24:00	No limit is being specified.							
SR-WR	01 Apr to 30 Apr	00:00 to 24:00	7400	650	6750	1085	5665			
W3 Injection	01 Apr to 30 Apr	00:00 to 24:00	NA	NA		NA				
W3-ER	01 Apr to 30 Apr	00:00 to 24:00	No limit is being specified.							
WR-NR	01 Apr to 25 Apr	00:00 to 06:00	18550	1000	17550	10399	7151			
		06:00 to 18:00	16850	1000	15850	10788	5062			
		18:00 to 21:00	16850	1000	15850	10399	5451			

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
	01 Mar to 25 Apr	21:00 to 24:00	18550	1000	17550	10399	7151		
	26 Apr to 26 Apr	00:00 to 06:00	18550	1000	17550	10399	7151		Due to shutdown of 765KV-GWALIOR-JAIPUR-2
		06:00 to 09:00	16850	1000	15850	10788	5062		
		09:00 to 18:00	16550	1000	15550	10788	4762		
		18:00 to 21:00	16550	1000	15550	10399	5151		
		21:00 to 24:00	18250	1000	17250	10399	6851		
	27 Apr to 30 Apr	00:00 to 06:00	18550	1000	17550	10399	7151		
		06:00 to 18:00	16850	1000	15850	10788	5062		
		18:00 to 21:00	16850	1000	15850	10399	5451		
		21:00 to 24:00	18550	1000	17550	10399	7151		
WR-SR	01 Apr to 16 Apr	00:00 to 24:00	11600	650	10950	3935	7015		
	17 Apr to 17 Apr	00:00 to 08:00	11600	650	10950	3935	7015		
		08:00 to 24:00	11000	650	10350	3935	6415		
	18 Apr to 21 Apr	00:00 to 24:00	11600	650	10950	3935	7015		
	22 Apr to 22 Apr	00:00 to 09:00	11600	650	10950	3935	7015		
		09:00 to 24:00	11550	650	10900	3935	6965		
	23 Apr to 23 Apr	00:00 to 24:00	11600	650	10950	3935	7015		
	24 Apr to	00:00 to 16:00	11600	650	10950	3935	7015		

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
	24 Apr	16:00 to 24:00	11550	650	10900	3935	6965		
	25 Apr to 25 Apr	00:00 to 16:00	11600	650	10950	3935	7015		
	25 Apr	16:00 to 24:00	11550	650	10900	3935	6965		
	26 Apr to 30 Apr	00:00 to 24:00	11600	650	10950	3935	7015		

\* 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) KWPC, 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 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(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
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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 Apr to 30 Apr	00:00 to 24:00	NA	NA		NA			
NER	01 Apr to 09 Apr	00:00 to 01:00	1210	60	1150	455	695		
		01:00 to 07:00	1210	60	1150	455	695		
		07:00 to 12:00	1210	60	1150	455	695		
		12:00 to 17:00	1210	60	1150	455	695		
		17:00 to 21:00	990	60	930	455	475		
		21:00 to 24:00	1210	60	1150	455	695		
	10 Apr to 10 Apr	00:00 to 08:00	1210	60	1150	455	695		
		08:00 to 17:00	1025	60	965	455	510		
		17:00 to 21:00	870	60	810	455	355		
		21:00 to 24:00	1025	60	965	455	510		
	11 Apr to 25 Apr	00:00 to 08:00	1210	60	1150	455	695		
		08:00 to 17:00	1210	60	1150	455	695		
		17:00 to 21:00	990	60	930	455	475		
		21:00 to 24:00	1210	60	1150	455	695		
	26 Apr to 26 Apr	00:00 to 07:00	1210	60	1150	455	695		Due to shutdown of 400 kV Bongaigaon - Brynihat line
		07:00 to 17:00	1025	60	965	455	510		
		17:00 to 21:00	870	60	810	455	355		
		21:00 to 24:00	1025	60	965	455	510		
	27 Apr to 30 Apr	00:00 to 08:00	1210	60	1150	455	695		
		08:00 to 17:00	1210	60	1150	455	695		
		17:00 to 21:00	990	60	930	455	475		
		21:00 to 24:00	1210	60	1150	455	695		

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	
NR	01 Apr to 25 Apr	00:00 to 06:00	24450	1400	23050	14877	8173			
		06:00 to 18:00	24450	1400	23050	15226	7824			
		18:00 to 21:00	24450	1400	23050	14877	8173			
		21:00 to 24:00	24450	1400	23050	14877	8173			
	26 Apr to 26 Apr	00:00 to 06:00	24450	1400	23050	14877	8173		Due to shutdown of 765KV-GWALIOR-JAIPUR-2	
		06:00 to 09:00	24450	1400	23050	15226	7824			
		09:00 to 18:00	24000	1400	22600	15226	7374			
		18:00 to 21:00	24000	1400	22600	14877	7723			
		21:00 to 24:00	24000	1400	22600	14877	7723			
		27 Apr to 30 Apr	00:00 to 06:00	24450	1400	23050	14877	8173		
	06:00 to 18:00		24450	1400	23050	15226	7824			
	18:00 to 21:00		24450	1400	23050	14961	8089			
	21:00 to 24:00		24450	1400	23050	14877	8173			
	SR	01 Apr to 10 Apr	00:00 to 06:00	17300	1000	16300	6535	9765		
			06:00 to 18:00	17300	1000	16300	6695	9605		
			18:00 to 24:00	17300	1000	16300	6535	9765		
11 Apr to 16 Apr		00:00 to 06:00	17300	1000	16300	7137	9163			
		06:00 to 18:00	17300	1000	16300	7137	9163			
		18:00 to 24:00	17300	1000	16300	7137	9163			
17 Apr to 17 Apr		00:00 to 08:00	17300	1000	16300	7137	9163			
		08:00 to 24:00	16700	1000	15700	7137	8563			
18 Apr to 21 Apr		00:00 to 24:00	17300	1000	16300	7137	9163			
22 Apr		00:00 to 09:00	17300	1000	16300	7137	9163			



Corridor	to 22 Apr 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
	23 Apr to 23 Apr	09:00 to 24:00	16950	1000	15950	7137	8813		
		00:00 to 24:00	17300	1000	16300	7137	9163		
	24 Apr to 24 Apr	00:00 to 16:00	17300	1000	16300	7137	9163		
		16:00 to 24:00	16950	1000	15950	7137	8813		
	25 Apr to 25 Apr	00:00 to 16:00	17300	1000	16300	7137	9163		
		16:00 to 24:00	16950	1000	15950	7137	8813		
	26 Apr to 30 Apr	00:00 to 24:00	17300	1000	16300	7137	9163		
WR	01 Apr to 30 Apr	00:00 to 24:00	NA	NA		0	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.

\* 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
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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 Apr to 30 Apr	00:00 to 24:00	NA	NA		NA			
NER	01 Apr to 09 Apr	00:00 to 01:00	3440	60	3380	81	3299		
		01:00 to 07:00	3440	60	3380	81	3299		
		07:00 to 12:00	3440	60	3380	81	3299		
		12:00 to 17:00	3440	60	3380	81	3299		
		17:00 to 21:00	3340	60	3280	81	3199		
		21:00 to 24:00	3440	60	3380	81	3299		
	10 Apr to 10 Apr	00:00 to 08:00	3440	60	3380	221	3159		
		08:00 to 17:00	3010	60	2950	221	2729		
		17:00 to 21:00	2880	60	2820	221	2599		
		21:00 to 24:00	3010	60	2950	221	2729		
	11 Apr to 25 Apr	00:00 to 08:00	3440	60	3380	221	3159		
		08:00 to 17:00	3440	60	3380	221	3159		
		17:00 to 21:00	3340	60	3280	221	3059		
		21:00 to 24:00	3440	60	3380	221	3159		
	26 Apr to 26 Apr	00:00 to 07:00	3440	60	3380	221	3159		Due to shutdown of 400 kV Bongaigaon - Brynihat line
		07:00 to 17:00	3010	60	2950	221	2729		
		17:00 to 21:00	2880	60	2820	221	2599		
		21:00 to 24:00	3010	60	2950	221	2729		
	27 Apr to 30 Apr	00:00 to 08:00	3440	60	3380	221	3159		
		08:00 to 17:00	3440	60	3380	221	3159		
		17:00 to 21:00	3340	60	3280	221	3059		
		21:00 to 24:00	3440	60	3380	221	3159		

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
NR	01 Apr to 10 Apr	00:00 to 06:00	4500	700	3800	1325	2475		
		06:00 to 18:00	4500	700	3800	5807	0		
		18:00 to 24:00	4500	700	3800	1325	2475		
	11 Apr to 30 Apr	00:00 to 06:00	3600	500	3100	1325	1775		
		06:00 to 18:00	3600	500	3100	5807	0		
		18:00 to 24:00	3600	500	3100	1325	1775		
SR	01 Apr to 30 Apr	00:00 to 24:00	6350	650	5700	1906	3794		
WR	01 Apr to 30 Apr	00:00 to 24:00	NA	NA		NA			

\* 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 Vindhyachal-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	N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt	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 - Alipurduar I or II b) High Loading of 220 kV Salakati - Alipurduar II or I	0-12
NR_IMPORT	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit & 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	7-12
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 - Alipurduar I or II b) High Loading of 220 kV Salakati - Alipurduar 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	04 Jan	01 Apr to 30 Apr	TTC/ATC Revised after commissioning of HVDC Raigarh - Pugalur Pole - IV	WR-SR
		01 Apr to 30 Apr	TTC/ATC Revised after commissioning of HVDC Raigarh - Pugalur Pole - IV	SR-WR
		01 Apr to 30 Apr	TTC/ATC Revised after commissioning of HVDC Raigarh - Pugalur Pole - IV	ER-SR
		01 Apr to 30 Apr	TTC/ATC Revised after commissioning of HVDC Raigarh - Pugalur Pole - IV	SR_IMPORT
		01 Apr to 30 Apr	TTC/ATC Revised after commissioning of HVDC Raigarh - Pugalur Pole - IV	SR_EXPORT
2	28 Jan	01 Apr to 30 Apr	Revised STOA margin due to a) Operationalization of LTA OF 200 MW from ARERJL to Maharastra b) Operationalization of LTA OF 75.55 MW from AvSusRJPPL_BKN to TSSPDCL c) Operationalization of LTA OF 29.45 MW from AvSusRJPPL_BKN to TSSPDCL	NR-WR
		01 Apr to 30 Apr	Revised STOA margin due to a) Operationalization of LTA OF 200 MW from AP43PL_BKN to JBVNL b) Increase in quantum of LTA by 33.33 MW from AP41PL_BHDL to ODISHA	NR-ER
		01 Apr to 30 Apr	Revised STOA margin due to a) Increase in quantum of LTA by 10 MW from BRBCL(Railway) to DELHI b) Increase in quantum of LTA by 40 MW from BRBCL(Railway) to HARYANA c) Decrease in quantum of LTA by 35 MW from BRBCL(Railway) to UTTAR PRADESH(UP - STU)	ER-NR
		01 Apr to 30 Apr	Revised STOA margin due to a) Increase in quantum of LTA by 44.17 MW from From Fatehgarh-II Solar to Telangana b) Increase in quantum of LTA by 73.62 MW from From Bhadla-II Solar to Telangana	WR-SR
		01 Apr to 30 Apr	Revised STOA margin due to a) Increase in quantum of LTA by 10 MW from BRBCL(Railway) to DELHI b) Increase in quantum of LTA by 40 MW from BRBCL(Railway) to HARYANA c) Decrease in quantum of LTA by 35 MW from BRBCL(Railway) to UTTAR PRADESH(UP -STU)	NR_IMPORT
		01 Apr to 30 Apr	Revised STOA margin due to a) Increase in quantum of LTA by 44.17 MW from From Fatehgarh-II Solar to Telangana b) Increase in quantum of LTA by 73.62 MW from From Bhadla-II Solar to Telangana	SR_IMPORT
		01 Apr to 30 Apr	Revised STOA margin due to a) Operationalization of LTA OF 200 MW from ARERJL to Maharastra b) Operationalization of LTA OF 75.55 MW from AvSusRJPPL_BKN to TSSPDCL c) Operationalization of LTA OF 29.45 MW from AvSusRJPPL_BKN to TSSPDCL d) Operationalization of LTA OF 200 MW from AP43PL_BKN to JBVNL e) Increase in quantum of LTA by 33.33 MW from AP41PL_BHDL to ODISHA	NR_EXPORT
3	28 Feb	01 Apr to 30 Apr	Revised STOA margin due to a) Increase in LTA quantum by 150 MW from ASunceEPL_BKN to Maharashtra b) Increase in LTA quantum by 40 MW from AvSusRJPPL_BKN to TSSPDCL c) Operationalization of new LTA of 300 MW from ACME to Maharashtra d) Operationalization of new LTA of 125 MW from NSNTPC_FTG1 to TSSPDCL	NR-WR
		01 Apr to 30 Apr	Revised STOA margin due to increase in LTA quantum by 33 MW from AP41PL_BHDL to Odisha	NR-ER
		01 Apr to 30 Apr	Revised STOA margin due to a) operationalization of LTA of 125 MW from From Fatehgarh-I Solar to Telengana b) operationalization of LTA of 140 MW from Bikener Solar (AvSusRJPPL) to Telengana	WR-SR
		01 Apr to 30 Apr	Revised STOA margin due to a) operationalization of LTA of 125 MW from From Fatehgarh-I Solar to Telengana b) operationalization of LTA of 140 MW from Bikener Solar (AvSusRJPPL) to Telengana	SR_IMPORT

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
		01 Apr to 30 Apr	Revised STOA margin due to a) Increase in LTA quantum by 150 MW from ASunceEPL_BKN to Maharashtra b) Increase in LTA quantum by 40 MW from AvSusRJPL_BKN to TSSPDCL c) Operationalization of new LTA of 300 MW from ACME to Maharashtra d) Operationalization of new LTA of 125 MW from NSNTPC_FTG1 to TSSPDCL e) Increase in LTA quantum by 33 MW from AP41PL_BHDL to Odisha	NR_EXPORT
4	28 Mar	01 Apr to 30 Apr	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 Apr to 30 Apr	Revised STOA margin due to increase in LTA quantum by 33 MW from AP41PL_BHDL to Odisha	NR-ER
		01 Apr to 30 Apr	Revised STOA margin due to operationalization of new LTA of 107 MW from JITPL to UP RAILWAY	ER-NR
		01 Apr to 30 Apr	Revised STOA margin due to in increase in LTA quantum by 75 MW from From Fatehgarh-I Solar to Telangana	WR-SR
		01 Apr to 30 Apr	Revised STOA margin due to operationalization of new LTA of 102 MW from Sembcorp Energy India Limited to GUVNL, Gujarat	SR-WR
		01 Apr to 30 Apr	Revised STOA margin due to operationalization of new LTA of 5 MW from BRBCL to ASSAM	ER-NER
		01 Apr to 30 Apr	Revised STOA margin due to operationalization of new LTA of 107 MW from JITPL to UP RAILWAY	NR_IMPORT
		01 Apr to 30 Apr	Revised STOA margin due to operationalization of new LTA of 5 MW from BRBCL to ASSAM	NER_IMPORT
		01 Apr to 30 Apr	Revised STOA margin due to in increase in LTA quantum by 75 MW from From Fatehgarh-I Solar to Telangana	SR_IMPORT
		01 Apr to 30 Apr	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
01 Apr to 30 Apr	Revised STOA margin due to operationalization of new LTA of 102 MW from Sembcorp Energy India Limited to GUVNL, Gujarat	SR_EXPORT		
5	30 Mar	01 Apr to 30 Apr	Revised STOA Margin due to non-operationalization of a) LTA quantum of 300 MW from ACME to Maharashtra b) LTA quantum of 700 MW from AREPRL to Maharashtra	NR-WR
		01 Apr to 30 Apr	Revised as per transmission reliability margin(TRM) philosophy	SR-WR
		01 Apr to 30 Apr	Revised due to change in Load-Generation of NER	ER-NER
		01 Apr to 30 Apr	Revised due to change in Load-Generation of NER	NER-ER

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
		01 Apr to 30 Apr	Revised due to change in Load-Generation of NER	NER_IMPORT
		01 Apr to 30 Apr	Revised due to change in Load-Generation of NER	NER_EXPORT
		01 Apr to 30 Apr	Revised as per transmission reliability margin(TRM) philosophy	SR_EXPORT
6	08 Apr	10 Apr to 10 Apr	Due to shutdown of 400 kV Bongaigaon - Azara Line	ER-NER
		10 Apr to 10 Apr	Due to shutdown of 400 kV Bongaigaon - Azara Line & Revised STOA margin due to change in export LTA by 140.4 MW from BgTPP to Tamilnadu	NER-ER
		11 Apr to 30 Apr	Revised STOA margin due to change in export LTA by 140.4 MW from BgTPP to Tamilnadu	NER-ER
		10 Apr to 10 Apr	Due to shutdown of 400 kV Bongaigaon - Azara Line	NER_IMPORT
		10 Apr to 10 Apr	Due to shutdown of 400 kV Bongaigaon - Azara Line & Revised STOA margin due to change in export LTA by 140.4 MW from BgTPP to Tamilnadu	NER_EXPORT
		11 Apr to 30 Apr	Revised STOA margin due to change in export LTA by 140.4 MW from BgTPP to Tamilnadu	NER_EXPORT
7	10 Apr	11 Apr to 30 Apr	Due to change in LGB and operation of HVDC Mundra - Mahendragarh in NR-WR direction (500 MW)	NR-WR
		11 Apr to 30 Apr	Revised STOA Margin due to increase in LTA quantum from ER ISGS ( Barh1,Barh-2 and FSTPP-3) to Tamilnadu	ER-SR
		11 Apr to 30 Apr	Revised STOA Margin due to increase in LTA quantum from ER ISGS ( Barh1, Barh-2 and FSTPP-3) to Tamilnadu	SR_IMPORT
		11 Apr to 30 Apr	Due to change in LGB and operation of HVDC Mundra - Mahendragarh in NR-WR direction (500 MW)	NR_EXPORT
8	15 Apr	17 Apr to 17 Apr	TTC/ATC Curtailed Due to the shutdown of 765KV-WARDHA-NIZAMABAD-2	WR-SR
		17 Apr to 17 Apr	TTC/ATC Curtailed Due to the shutdown of 765KV-WARDHA-NIZAMABAD-2	SR_IMPORT
9	20 Apr	22 Apr to 22 Apr	Due to shutdown of 400 KV Rengali-Indravati-1	WR-SR
		22 Apr to 22 Apr	Due to shutdown of 400 KV Rengali-Indravati-1	ER-SR
		22 Apr to 22 Apr	Due to shutdown of 400 KV Rengali-Indravati-1	SR_IMPORT
10	22 Apr	24 Apr to 24 Apr	Due to shutdown of 400 KV Rengali-Indravati-1	WR-SR

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
		24 Apr to 24 Apr	Due to shutdown of 400 KV Rengali-Indravati-1	ER-SR
		24 Apr to 24 Apr	Due to shutdown of 400 KV Rengali-Indravati-1	SR_IMPORT
11	24 Apr	25 Apr to 25 Apr	Due to shutdown of 400 KV Rengali-Indravati-1	WR-SR
		25 Apr to 25 Apr	Due to shutdown of 400 KV Rengali-Indravati-1	ER-SR
		25 Apr to 25 Apr	Due to shutdown of 400 KV Rengali-Indravati-1	SR_IMPORT
12	24 Apr	26 Apr to 26 Apr	Due to shutdown of 765KV-GWALIOR-JAIPUR-2	WR-NR
		26 Apr to 26 Apr	Due to shutdown of 765KV-GWALIOR-JAIPUR-2	ER-NR
		26 Apr to 26 Apr	Due to shutdown of 400 kV Bongaigaon - Brynihat line	ER-NER
		26 Apr to 26 Apr	Due to shutdown of 400 kV Bongaigaon - Brynihat line	NER-ER
		26 Apr to 26 Apr	Due to shutdown of 765KV-GWALIOR-JAIPUR-2	NR_IMPORT
		26 Apr to 26 Apr	Due to shutdown of 400 kV Bongaigaon - Brynihat line	NER_IMPORT
		26 Apr to 26 Apr	Due to shutdown of 400 kV Bongaigaon - Brynihat line	NER_EXPORT

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