

National Load Despatch Centre Total Transfer Capability for Aug 2022									
Issue Date:Aug 22 2022				Issue Time:17:25:48			Revision No :15		
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 Aug to 31 Aug	00:00 to 18:00	1700	60	1640	455	1185	0	
		18:00 to 22:00	1500	60	1440	455	985	0	
		22:00 to 24:00	1700	60	1640	455	1185	0	
ER-NR	01 Aug to 04 Aug	00:00 to 24:00	8000	400	7600	4854	2746	0	
		05 Aug to 05 Aug	00:00 to 09:00	8000	400	7600	4854	2746	0
	06 Aug to 23 Aug	09:00 to 24:00	7850	400	7450	4854	2596	0	
		00:00 to 24:00	8000	400	7600	4854	2746	0	
	24 Aug to 24 Aug	00:00 to 10:00	8000	400	7600	4854	2746	0	
		10:00 to 24:00	7900	400	7500	4854	2646	-100	Due to shutdown of 765/400 kV ICT - 1 at Orai
	25 Aug to 31 Aug	00:00 to 24:00	8000	400	7600	4854	2746	0	
ER-SR	01 Aug to 01 Aug	00:00 to 24:00	5700	350	5350	3152	2198	0	
		02 Aug to 02 Aug	00:00 to 09:00	5700	350	5350	3152	2198	0
	03 Aug to 03 Aug	09:00 to 24:00	5400	350	5050	3152	1898	0	
		00:00 to 09:00	5700	350	5350	3152	2198	0	
	04 Aug	09:00 to 24:00	5400	350	5050	3152	1898	0	
		00:00 to 09:00	5700	350	5350	3152	2198	0	

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	
	to 04 Aug	09:00 to 24:00	5000	350	4650	3152	1498	0		
	05 Aug to 05 Aug	00:00 to 07:00	5700	350	5350	3152	2198	0		
		07:00 to 24:00	5450	350	5100	3152	1948	0		
	06 Aug to 06 Aug	00:00 to 07:00	5700	350	5350	3152	2198	0		
		07:00 to 24:00	5700	350	5350	3152	2198	0		
	07 Aug to 11 Aug	00:00 to 24:00	5700	350	5350	3152	2198	0		
	12 Aug to 12 Aug	00:00 to 08:00	5700	350	5350	3152	2198	0		
		08:00 to 24:00	5400	350	5050	3152	1898	0		
	13 Aug to 19 Aug	00:00 to 24:00	5700	350	5350	3152	2198	0		
	20 Aug to 20 Aug	00:00 to 10:00	5700	350	5350	3152	2198	0		
		10:00 to 24:00	5400	350	5050	3152	1898	0		
	21 Aug to 31 Aug	00:00 to 24:00	5700	350	5350	3152	2198	0		
ER-W3	01 Aug to 31 Aug	00:00 to 24:00	No limit is being specified.							
NER-ER	01 Aug	00:00 to 18:00	2890	60	2830	258	2572	0		
	to 31 Aug	18:00 to 22:00	2765	60	2705	258	2447	0		
		22:00 to 24:00	2890	60	2830	258	2572	0		
NR-ER	01 Aug to 31 Aug	00:00 to 06:00	2000	200	1800	100	1700	0		
		06:00 to 18:00	2000	200	1800	1615	185	0		

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	
		18:00 to 24:00	2000	200	1800	100	1700	0		
NR-WR	01 Aug to 31 Aug	00:00 to 06:00	3600	500	3100	1232	1868	0		
		06:00 to 18:00	3600	500	3100	4607	0	0		
		18:00 to 24:00	3600	500	3100	1232	1868	0		
SR-ER	01 Aug to 31 Aug	00:00 to 24:00	No limit is being specified.							
SR-WR	01 Aug to 18 Aug	00:00 to 24:00	7400	650	6750	950	5800	0		
		19 Aug to 19 Aug	00:00 to 07:00	7400	650	6750	950	5800	0	
			07:00 to 24:00	6600	650	5950	950	5000	0	
	20 Aug to 31 Aug	00:00 to 24:00	7400	650	6750	950	5800	0		
W3 Injection	01 Aug to 31 Aug	00:00 to 24:00	NA	NA		NA		0		
W3-ER	01 Aug to 31 Aug	00:00 to 24:00	No limit is being specified.							
WR-NR	01 Aug to 04 Aug	00:00 to 06:00	17800	1000	16800	10483	6317	0		
		06:00 to 18:00	17800	1000	16800	10782	6018	0		
		18:00 to 24:00	17800	1000	16800	10483	6317	0		
	05 Aug to 05 Aug	00:00 to 06:00	17800	1000	16800	10483	6317	0		
		06:00 to 09:00	17800	1000	16800	10782	6018	0		
		09:00 to 18:00	17650	1000	16650	10782	5868	0		
		18:00 to 24:00	17650	1000	16650	10483	6167	0		

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	
	06 Aug to 23 Aug	00:00 to 06:00	17800	1000	16800	10483	6317	0		
		06:00 to 18:00	17800	1000	16800	10782	6018	0		
		18:00 to 24:00	17800	1000	16800	10483	6317	0		
	24 Aug to 24 Aug	00:00 to 06:00	17800	1000	16800	10483	6317	0		
		06:00 to 10:00	17800	1000	16800	10782	6018	0		
		10:00 to 18:00	17500	1000	16500	10782	5718	-300	Due to shutdown of 765/400 kV ICT - 1 at Orai	
		18:00 to 24:00	17500	1000	16500	10483	6017	-300		
	25 Aug to 31 Aug	00:00 to 06:00	17800	1000	16800	10483	6317	0		
		06:00 to 18:00	17800	1000	16800	10782	6018	0		
		18:00 to 24:00	17800	1000	16800	10483	6317	0		
	WR-SR	01 Aug to 01 Aug	00:00 to 06:00	11600	650	10950	3691	7259	0	
			06:00 to 18:00	11600	650	10950	4511	6439	0	
			18:00 to 24:00	11600	650	10950	3691	7259	0	
		02 Aug to 02 Aug	00:00 to 06:00	11600	650	10950	3691	7259	0	
			06:00 to 09:00	11600	650	10950	4511	6439	0	
09:00 to 18:00			11550	650	10900	4511	6389	0		
18:00 to 24:00			11550	650	10900	3691	7209	0		
03 Aug to 03 Aug		00:00 to 06:00	11600	650	10950	3691	7259	0		
		06:00 to 09:00	11600	650	10950	4511	6439	0		
		09:00 to 18:00	11550	650	10900	4511	6389	0		
		18:00 to 24:00	11550	650	10900	3691	7209	0		
04 Aug to 04 Aug		00:00 to 06:00	11600	650	10950	3691	7259	0		
	06:00 to 09:00	11600	650	10950	4511	6439	0			
	09:00 to 18:00	11500	650	10850	4511	6339	0			

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
		18:00 to 24:00	11500	650	10850	3691	7159	0	
	05 Aug to 05 Aug	00:00 to 07:00	11600	650	10950	3691	7259	0	
		07:00 to 18:00	10700	650	10050	4511	5539	0	
		18:00 to 24:00	10700	650	10050	3691	6359	0	
	06 Aug to 06 Aug	00:00 to 07:00	11600	650	10950	3691	7259	0	
		07:00 to 18:00	11600	650	10950	3691	7259	0	
		18:00 to 24:00	11600	650	10950	3691	7259	0	
	07 Aug to 07 Aug	00:00 to 06:00	11600	650	10950	3691	7259	0	
		06:00 to 18:00	11600	650	10950	4511	6439	0	
		18:00 to 24:00	11600	650	10950	3691	7259	0	
	08 Aug to 08 Aug	00:00 to 06:00	11600	650	10950	3691	7259	0	
		06:00 to 08:00	11600	650	10950	4511	6439	0	
		08:00 to 18:00	11350	650	10700	4511	6189	0	
		18:00 to 24:00	11350	650	10700	3691	7009	0	
	09 Aug to 11 Aug	00:00 to 06:00	11600	650	10950	3691	7259	0	
		06:00 to 18:00	11600	650	10950	4511	6439	0	
		18:00 to 24:00	11600	650	10950	3691	7259	0	
	12 Aug to 12 Aug	00:00 to 06:00	11600	650	10950	3691	7259	0	
		06:00 to 08:00	11600	650	10950	4511	6439	0	
		08:00 to 09:00	10500	650	9850	4511	5339	0	
		09:00 to 18:00	10250	650	9600	4511	5089	0	
		18:00 to 24:00	10250	650	9600	3691	5909	0	
	13 Aug to 18 Aug	00:00 to 06:00	11600	650	10950	3691	7259	0	
		06:00 to 18:00	11600	650	10950	4511	6439	0	
		18:00 to 24:00	11600	650	10950	3691	7259	0	
	19 Aug	00:00 to 06:00	11600	650	10950	3691	7259	0	

Corridor	to 19 Aug 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
		06:00 to 07:00	11600	650	10950	4511	6439	0	
		07:00 to 18:00	11100	650	10450	4511	5939	0	
		18:00 to 24:00	11100	650	10450	3691	6759	0	
		00:00 to 06:00	11600	650	10950	3691	7259	0	
	20 Aug to	06:00 to 10:00	11600	650	10950	4511	6439	0	
	20 Aug	10:00 to 18:00	11550	650	10900	4511	6389	0	
		18:00 to 24:00	11550	650	10900	3691	7209	0	
	21 Aug to	00:00 to 06:00	11600	650	10950	3691	7259	0	
	31 Aug	06:00 to 18:00	11600	650	10950	4511	6439	0	
		18:00 to 24:00	11600	650	10950	3691	7259	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.

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 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
ER	01 Aug to 31 Aug	00:00 to 24:00	NA	NA		NA		0	
NER	01 Aug to 31 Aug	00:00 to 18:00	1200	60	1140	455	685	0	
		18:00 to 22:00	1000	60	940	455	485	0	
		22:00 to 24:00	1200	60	1140	455	685	0	
NR	01 Aug to 04 Aug	00:00 to 06:00	25800	1400	24400	15337	9063	0	
		06:00 to 18:00	25800	1400	24400	15636	8764	0	
		18:00 to 24:00	25800	1400	24400	15337	9063	0	
	05 Aug to 05 Aug	00:00 to 06:00	25800	1400	24400	15337	9063	0	
		06:00 to 09:00	25800	1400	24400	15636	8764	0	
		09:00 to 18:00	25500	1400	24100	15636	8464	0	
		18:00 to 24:00	25500	1400	24100	15337	8763	0	
	06 Aug to 23 Aug	00:00 to 06:00	25800	1400	24400	15337	9063	0	
		06:00 to 18:00	25800	1400	24400	15636	8764	0	
		18:00 to 24:00	25800	1400	24400	15337	9063	0	
	24 Aug to 24 Aug	00:00 to 06:00	25800	1400	24400	15337	9063	0	
		06:00 to 10:00	25800	1400	24400	15636	8764	0	
		10:00 to 18:00	25400	1400	24000	15636	8364	-400	Due to shutdown of 765/400 kV ICT - 1 at Orai
		18:00 to 24:00	25400	1400	24000	15337	8663	-400	
	25 Aug to	00:00 to 06:00	25800	1400	24400	15337	9063	0	
		06:00 to 18:00	25800	1400	24400	15636	8764	0	

Corridor	31 Aug 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
		18:00 to 24:00	25800	1400	24400	15337	9063	0	
SR	01 Aug to 01 Aug	00:00 to 06:00	17300	1000	16300	6778	9522	0	
		06:00 to 18:00	17300	1000	16300	7663	8637	0	
		18:00 to 24:00	17300	1000	16300	6778	9522	0	
		00:00 to 06:00	17300	1000	16300	6778	9522	0	
	02 Aug to 02 Aug	06:00 to 09:00	17300	1000	16300	7663	8637	0	
		09:00 to 18:00	16950	1000	15950	7663	8287	0	
		18:00 to 24:00	16950	1000	15950	6778	9172	0	
		00:00 to 06:00	17300	1000	16300	6778	9522	0	
	03 Aug to 03 Aug	06:00 to 09:00	17300	1000	16300	7663	8637	0	
		09:00 to 18:00	16950	1000	15950	7663	8287	0	
		18:00 to 24:00	16950	1000	15950	6778	9172	0	
		00:00 to 06:00	17300	1000	16300	6778	9522	0	
	04 Aug to 04 Aug	06:00 to 09:00	17300	1000	16300	7663	8637	0	
		09:00 to 18:00	16500	1000	15500	7663	7837	0	
		18:00 to 24:00	16500	1000	15500	6778	8722	0	
		00:00 to 06:00	17300	1000	16300	6778	9522	0	
	05 Aug to 05 Aug	07:00 to 18:00	16150	1000	15150	7663	7487	0	
		18:00 to 24:00	16150	1000	15150	6778	8372	0	
		00:00 to 07:00	17300	1000	16300	6778	9522	0	
	06 Aug to 06 Aug	07:00 to 18:00	17300	1000	16300	7663	8637	0	
18:00 to 24:00		17300	1000	16300	6778	9522	0		
00:00 to 06:00		17300	1000	16300	6778	9522	0		
07 Aug to 07 Aug	06:00 to 18:00	17300	1000	16300	7663	8637	0		
	18:00 to 24:00	17300	1000	16300	6778	9522	0		
	00:00 to 06:00	17300	1000	16300	6778	9522	0		
08 Aug	00:00 to 06:00	17300	1000	16300	6778	9522	0		



Corridor	to 08 Aug 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
	09 Aug to 11 Aug	06:00 to 08:00	17300	1000	16300	7663	8637	0	
		08:00 to 18:00	17050	1000	16050	7663	8387	0	
		18:00 to 24:00	17050	1000	16050	6778	9272	0	
		00:00 to 06:00	17300	1000	16300	6778	9522	0	
		06:00 to 18:00	17300	1000	16300	7663	8637	0	
		18:00 to 24:00	17300	1000	16300	6778	9522	0	
	12 Aug to 12 Aug	00:00 to 06:00	17300	1000	16300	6778	9522	0	
		06:00 to 08:00	17300	1000	16300	7663	8637	0	
		08:00 to 09:00	15900	1000	14900	7663	7237	0	
		09:00 to 18:00	15650	1000	14650	7663	6987	0	
		18:00 to 24:00	15650	1000	14650	6778	7872	0	
	13 Aug to 18 Aug	00:00 to 06:00	17300	1000	16300	6778	9522	0	
		06:00 to 18:00	17300	1000	16300	7663	8637	0	
		18:00 to 24:00	17300	1000	16300	6778	9522	0	
	19 Aug to 19 Aug	00:00 to 06:00	17300	1000	16300	6778	9522	0	
		06:00 to 07:00	17300	1000	16300	7663	8637	0	
		07:00 to 18:00	16800	1000	15800	7663	8137	0	
		18:00 to 24:00	16800	1000	15800	6778	9022	0	
	20 Aug to 20 Aug	00:00 to 06:00	17300	1000	16300	6778	9522	0	
		06:00 to 10:00	17300	1000	16300	7663	8637	0	
		10:00 to 18:00	16950	1000	15950	7663	8287	0	
18:00 to 24:00		16950	1000	15950	6778	9172	0		
21 Aug to 31 Aug	00:00 to 06:00	17300	1000	16300	6778	9522	0		
	06:00 to 18:00	17300	1000	16300	7663	8637	0		
	18:00 to 24:00	17300	1000	16300	6778	9522	0		

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
WR	01 Aug to 31 Aug	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 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 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 Aug to 31 Aug	00:00 to 24:00	NA	NA		NA		0	
NER	01 Aug to 31 Aug	00:00 to 18:00	3390	60	3330	258	3072	0	
		18:00 to 22:00	3265	60	3205	258	2947	0	
		22:00 to 24:00	3390	60	3330	258	3072	0	
NR	01 Aug to 31 Aug	00:00 to 06:00	3600	500	3100	1332	1768	0	
		06:00 to 18:00	3600	500	3100	6222	0	0	
		18:00 to 24:00	3600	500	3100	1332	1768	0	
SR	01 Aug to 18 Aug	00:00 to 24:00	6350	650	5700	2155	3545	0	

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
	19 Aug to 19 Aug	00:00 to 07:00	6350	650	5700	2155	3545	0	
		07:00 to 24:00	5550	650	4900	2155	2745	0	
	20 Aug to 31 Aug	00:00 to 24:00	6350	650	5700	2155	3545	0	
WR	01 Aug to 31 Aug	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	0-15
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	0-15
ER-NR	Inter-regional flow pattern towards NR	0-15
WR-SR	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	0-15
ER-SR	Low Voltage at Gazuwaka (East) Bus.	0-15
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	0-15
ER-NER	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C	0-15
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	0-15
NR_IMPORT	Inter-regional flow pattern towards NR	0-15
NR_EXPORT	(N-1) Contingency of 400 kV Banaskantha - Veloda D/C (n-1) contingency of 400 kV Saranath-Pusauli	0-15
NER_IMPORT	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C	0-15
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	0-15
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	0-15
SR_EXPORT	N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt	0-15

### Revision Summary

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
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Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
1	28 May	01 Aug to 31 Aug	Revised STOA margin due to a) Increase in LTA quantum by 50 MW from AvSusRJPL_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 Aug to 31 Aug	Revised STOA margin due to increase in LTA quantum by 20 MW from IWISL to Haryana	WR-NR
		01 Aug to 31 Aug	Revised STOA margin due to operationalization of new LTA of 275 MW from Teesta-III HEP to Uttar Pradesh	ER-NR
		01 Aug to 31 Aug	Revised STOA margin a) due to increase in LTA quantum by 100 MW from Bikener Solar (AvSusRJPL) 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 Aug to 31 Aug	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 Aug to 31 Aug	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 Aug to 31 Aug	Revised STOA margin a) due to increase in LTA quantum by 100 MW from Bikener Solar (AvSusRJPL) 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 Aug to 31 Aug	Revised STOA margin due to a) Increase in LTA quantum by 50 MW from AvSusRJPL_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 Aug to 31 Aug	Revised STOA margin due to operationalization of new allocation of 36.3 MW from BgTPP to Uttarakhand	NER_EXPORT
		01 Aug to 31 Aug	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
2	28 Jun	01 Aug to 31 Aug	Revised STOA margin due to a) Increase in LTA quantum by 35 MW from NSNTPC_FTG1 to TSSPDCL. b)Increase in LTA quantum by 13 MW from NSNTPC_FTG1 to TSSPDCL.	NR-WR
		01 Aug to 31 Aug	Revised STOA margin due to operationalization of new LTA of 23.4 MW from POWERICA to UPPCL	WR-NR
		01 Aug to 31 Aug	Revised STOA margin due to increase in LTA quantum by 75.6 MW from NPGC to UTTAR PRADESH(Railway)	ER-NR
		01 Aug to 31 Aug	Revised STOA margin due to a)Operationalization of new MTOA of 50 MW from JPNIGRIE_JNSTPP to TANGEDCO b)Operationalization of new LTA quantum of 20 MW from KAWAS to TELANGANA	WR-SR
		01 Aug to 31 Aug	Revised STOA margin due to operationalization of new allocation of 100 MW from SR_ISGS to Uttarakhand	SR-WR

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
		01 Aug to 31 Aug	Revised STOA margin due to a)operationalization of new LTA of 23.4 MW from POWERICA to UPPCL b) increase in LTA quantum by 75.6 MW from NPGC to UTTAR PRADESH(Railway)	NR_IMPORT
		01 Aug to 31 Aug	Revised STOA margin due to a)Operationalization of new MTOA of 50 MW from JPNIGRIE_JNSTPP to TANGEDCO b)Operationalization of new LTA quantum of 20 MW from KAWAS to TELANGANA	SR_IMPORT
		01 Aug to 31 Aug	Revised STOA margin due to a) Increase in LTA quantum by 35 MW from NSNTPC_FTG1 to TSSPDCL. b)Increase in LTA quantum by 13 MW from NSNTPC_FTG1 to TSSPDCL.	NR_EXPORT
		01 Aug to 31 Aug	Revised STOA margin due to a) operationalization of new allocation of 100 MW from SR_ISGS to Uttarakhand b) Increase in LTA quantum by 50 MW from GRT Jewellers, TTGS to SBPDCL, NBPDCLE R	SR_EXPORT
3	30 Jun	01 Aug to 31 Aug	Due to change in LGB and change in inter-regional flow pattern	WR-NR
		01 Aug to 31 Aug	Due to change in LGB and change in inter-regional flow pattern	ER-NR
		01 Aug to 31 Aug	Due to change in LGB and change in inter-regional flow pattern	NR_IMPORT
4	31 Jul	01 Aug to 31 Aug	1) Change in Load-Generation of NER 2) 400 kV Silchar-Misa II is out of service due to collapsed towers.	ER-NER
		01 Aug to 31 Aug	1) Change in Load-Generation of NER 2) 400 kV Silchar-Misa II is out of service due to collapsed towers.	NER-ER
		01 Aug to 31 Aug	1) Change in Load-Generation of NER 2) 400 kV Silchar-Misa II is out of service due to collapsed towers.	NER_IMPORT
		01 Aug to 31 Aug	1) Change in Load-Generation of NER 2) 400 kV Silchar-Misa II is out of service due to collapsed towers.	NER_EXPORT
5	31 Jul	02 Aug to 02 Aug	Due to the shutdown of 400 kV Meramundali - Bolangir	WR-SR
		02 Aug to 02 Aug	Due to the shutdown of 400 kV Meramundali - Bolangir	ER-SR
		02 Aug to 02 Aug	Due to the shutdown of 400 kV Meramundali - Bolangir	SR_IMPORT
6	01 Aug	03 Aug to 03 Aug	Due to the shutdown of 400 kV Meramundali - Bolangir	WR-SR
		03 Aug to 03 Aug	Due to the shutdown of 400 kV Meramundali - Bolangir	ER-SR
		03 Aug to 03 Aug	Due to the shutdown of 400 kV Meramundali - Bolangir	SR_IMPORT
7	02 Aug	04 Aug to 04 Aug	Due to the shutdown of 765 KV Angul-Srikakulam-1	WR-SR

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
		04 Aug to 04 Aug	Due to the shutdown of 765 KV Angul-Srikakulam-1	ER-SR
		04 Aug to 04 Aug	Due to the shutdown of 765 KV Angul-Srikakulam-1	SR_IMPORT
8	03 Aug	05 Aug to 05 Aug	Due to the shutdown of 400KV-NEW RANCHI-CHANDWA-2	WR-NR
		05 Aug to 05 Aug	Due to the shutdown of 400KV-NEW RANCHI-CHANDWA-2	ER-NR
		05 Aug to 05 Aug	Due to the shutdown of 400KV-NEW RANCHI-CHANDWA-2	NR_IMPORT
9	04 Aug	05 Aug to 06 Aug	Due to deferment of shutdown of 765kV Angul-Srikakulam 1	WR-SR
		05 Aug to 06 Aug	Due to deferment of shutdown of 765kV Angul-Srikakulam 1 and shutdown of 765/400 kV ICT 1 at Maheshwaram	WR-SR
		05 Aug to 06 Aug	Due to deferment of shutdown of 765kV Angul-Srikakulam 1	ER-SR
		05 Aug to 06 Aug	Due to deferment of shutdown of 765kV Angul-Srikakulam 1 and shutdown of 765/400 kV ICT 1 at Maheshwaram	ER-SR
		05 Aug to 06 Aug	Due to deferment of shutdown of 765kV Angul-Srikakulam 1	SR_IMPORT
		05 Aug to 06 Aug	Due to deferment of shutdown of 765kV Angul-Srikakulam 1 and shutdown of 765/400 kV ICT 1 at Maheshwaram	SR_IMPORT
10	04 Aug	06 Aug to 06 Aug	Due to deferment of shutdown of 765kV Angul-Srikakulam 1	WR-SR
		06 Aug to 06 Aug	Due to deferment of shutdown of 765kV Angul-Srikakulam 1	ER-SR
		06 Aug to 06 Aug	Due to deferment of shutdown of 765kV Angul-Srikakulam 1	SR_IMPORT
11	07 Aug	08 Aug to 08 Aug	Due to Shutdown of 765 kV New Parli Warora ckt 2	WR-SR
		08 Aug to 08 Aug	Due to Shutdown of 765 kV New Parli Warora ckt 2	SR_IMPORT
12	10 Aug	12 Aug to 12 Aug	Due to Shutdown of 765/400 kV ICT 2 at Nizamabad (1100 MW) & 765 kV New Parli Warora ckt 2 (250 MW)	WR-SR
		12 Aug to 12 Aug	Due to Shutdown of 765/400 kV ICT 2 at Nizamabad	ER-SR

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
		12 Aug to 12 Aug	Due to Shutdown of 765/400 kV ICT 2 at Nizamabad (1400 MW) & 765 kV New Parli Warora ckt 2 (250 MW)	SR_IMPORT
13	17 Aug	19 Aug to 19 Aug	Due to shutdown of 765KV-SOLAPUR-RAICHUR-2	WR-SR
		19 Aug to 19 Aug	Due to shutdown of 765KV-SOLAPUR-RAICHUR-2	SR-WR
		19 Aug to 19 Aug	Due to shutdown of 765KV-SOLAPUR-RAICHUR-2	SR_IMPORT
		19 Aug to 19 Aug	Due to shutdown of 765KV-SOLAPUR-RAICHUR-2	SR_EXPORT
14	18 Aug	20 Aug to 20 Aug	Due to shutdown of 400KV-JEYPORE-BOLANGIR-1	WR-SR
		20 Aug to 20 Aug	Due to shutdown of 400KV-JEYPORE-BOLANGIR-1	ER-SR
		20 Aug to 20 Aug	Due to shutdown of 400KV-JEYPORE-BOLANGIR-1	SR_IMPORT
15	22 Aug	24 Aug to 24 Aug	Due to shutdown of 765/400 kV ICT - 1 at Orai	WR-NR
		24 Aug to 24 Aug	Due to shutdown of 765/400 kV ICT - 1 at Orai	ER-NR
		24 Aug to 24 Aug	Due to shutdown of 765/400 kV ICT - 1 at Orai	NR_IMPORT

ASSUMPTIONS IN BASECASE					
Month : August 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