

National Load Despatch Centre Total Transfer Capability for Dec 2022									
Issue Date:Dec 07 2022				Issue Time:18:03:25			Revision No :10		
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 Dec to 04 Dec	00:00 to 17:00	1760	60	1700	455	1245	0	
		17:00 to 21:00	1580	60	1520	455	1065	0	
		21:00 to 24:00	1760	60	1700	455	1245	0	
	05 Dec to 05 Dec	00:00 to 09:00	1760	60	1700	455	1245	0	
		09:00 to 17:00	1645	60	1585	455	1130	0	
		17:00 to 21:00	1485	60	1425	455	970	0	
		21:00 to 24:00	1645	60	1585	455	1130	0	
	06 Dec to 06 Dec	00:00 to 17:00	1645	60	1585	455	1130	0	
		17:00 to 21:00	1485	60	1425	455	970	0	
		21:00 to 24:00	1645	60	1585	455	1130	0	
	07 Dec to 31 Dec	00:00 to 17:00	1760	60	1700	455	1245	0	
		17:00 to 21:00	1580	60	1520	455	1065	0	
		21:00 to 24:00	1760	60	1700	455	1245	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
ER-NR	01 Dec to 04 Dec	00:00 to 24:00	7700	400	7300	4854	2446	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
	05 Dec to 05 Dec	00:00 to 08:00	7700	400	7300	4854	2446	0	
		08:00 to 24:00	7500	400	7100	4854	2246	0	
	06 Dec to 06 Dec	00:00 to 08:00	7700	400	7300	4854	2446	0	
		08:00 to 24:00	7500	400	7100	4854	2246	0	
	07 Dec to 07 Dec	00:00 to 08:00	7700	400	7300	4854	2446	0	
		08:00 to 24:00	7500	400	7100	4854	2246	0	
	08 Dec to 08 Dec	00:00 to 08:00	7700	400	7300	4854	2446	0	
		08:00 to 24:00	7500	400	7100	4854	2246	0	
		00:00 to 07:00	7700	400	7300	4854	2446	0	
	09 Dec to 09 Dec	07:00 to 08:00	7350	400	6950	4854	2096	-350	TTC/ATC curtailed due to continuous shutdown of HVDC 500KV APL POLE 1 & 2
		08:00 to 24:00	7150	400	6750	4854	1896	-550	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-2
	10 Dec to 11 Dec	00:00 to 24:00	7350	400	6950	4854	2096	-350	
	12 Dec to 12 Dec	00:00 to 24:00	7650	400	7250	4854	2396	-350	
	13 Dec to 31 Dec	00:00 to 24:00	8000	400	7600	4854	2746	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	
ER-SR	01 Dec to 31 Dec	00:00 to 06:00	5700	350	5350	3250	2100	0		
		06:00 to 18:00	5700	350	5350	3316	2034	0		
		18:00 to 24:00	5700	350	5350	3250	2100	0		
ER-W3	01 Dec to 31 Dec	00:00 to 24:00	No limit is being specified.							
NER-ER	01 Dec to 04 Dec	00:00 to 17:00	2640	60	2580	258	2322	0		
		17:00 to 21:00	2530	60	2470	258	2212	0		
		21:00 to 24:00	2640	60	2580	258	2322	0		
	05 Dec to 05 Dec	00:00 to 09:00	2640	60	2580	258	2322	0		
		09:00 to 17:00	2500	60	2440	258	2182	0		
		17:00 to 21:00	2400	60	2340	258	2082	0		
		21:00 to 24:00	2500	60	2440	258	2182	0		
	06 Dec to 06 Dec	00:00 to 17:00	2500	60	2440	258	2182	0		
		17:00 to 21:00	2400	60	2340	258	2082	0		
		21:00 to 24:00	2500	60	2440	258	2182	0		
	07 Dec to 31 Dec	00:00 to 17:00	2640	60	2580	258	2322	0		
		17:00 to 21:00	2530	60	2470	258	2212	0		
		21:00 to 24:00	2640	60	2580	258	2322	0		
	NR-ER	01 Dec to 31 Dec	00:00 to 06:00	2000	200	1800	125	1675	0	
			06:00 to 18:00	2000	200	1800	1990	0	0	
18:00 to 24:00			2000	200	1800	125	1675	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	
NR-WR	01 Dec to 08 Dec	00:00 to 06:00	3600	500	3100	1232	1868	0		
		06:00 to 18:00	3600	500	3100	4568	0	0		
		18:00 to 24:00	3600	500	3100	1232	1868	0		
	09 Dec to 09 Dec	00:00 to 06:00	3600	500	3100	1232	1868	0		
		06:00 to 07:00	3600	500	3100	4568	0	0		
		07:00 to 18:00	2900	500	2400	4568	0	-700	TTC/ATC curtailed due to continuous shutdown of HVDC 500KV APL POLE 1 & 2	
		18:00 to 24:00	2900	500	2400	1232	1168	-700		
	10 Dec to 12 Dec	00:00 to 06:00	2900	500	2400	1232	1168	-700		
		06:00 to 18:00	2900	500	2400	4568	0	-700		
		18:00 to 24:00	2900	500	2400	1232	1168	-700		
	13 Dec to 31 Dec	00:00 to 06:00	3600	500	3100	1232	1868	0		
		06:00 to 18:00	3600	500	3100	4568	0	0		
		18:00 to 24:00	3600	500	3100	1232	1868	0		
	SR-ER	01 Dec to 31 Dec	00:00 to 24:00	No limit is being specified.						

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	
SR-WR	01 Dec to 01 Dec	00:00 to 06:00	6700	650	6050	852	5198	0		
		06:00 to 18:00	6700	650	6050	1052	4998	0		
		18:00 to 24:00	6700	650	6050	852	5198	0		
	02 Dec to 02 Dec	00:00 to 06:00	6700	650	6050	852	5198	0		
		06:00 to 09:00	6700	650	6050	1052	4998	0		
		09:00 to 18:00	5900	650	5250	1052	4198	0		
		18:00 to 24:00	5900	650	5250	852	4398	0		
	03 Dec to 04 Dec	00:00 to 06:00	5900	650	5250	852	4398	0		
		06:00 to 18:00	5900	650	5250	1052	4198	0		
		18:00 to 24:00	5900	650	5250	852	4398	0		
	05 Dec to 31 Dec	00:00 to 06:00	6700	650	6050	852	5198	0		
		06:00 to 18:00	6700	650	6050	1052	4998	0		
		18:00 to 24:00	6700	650	6050	852	5198	0		
	W3 Injection	01 Dec to 31 Dec	00:00 to 24:00	NA	NA		NA		0	
	W3-ER	01 Dec to 31 Dec	00:00 to 24:00	No limit is being specified.						

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-NR	01 Dec to 04 Dec	00:00 to 06:00	16950	1000	15950	11122	4828	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
		06:00 to 18:00	16950	1000	15950	11421	4529	0	
		18:00 to 24:00	16950	1000	15950	11122	4828	0	
	05 Dec to 05 Dec	00:00 to 06:00	16950	1000	15950	11122	4828	0	
		06:00 to 08:00	16950	1000	15950	11421	4529	0	
		08:00 to 18:00	16750	1000	15750	11421	4329	0	
		18:00 to 24:00	16750	1000	15750	11122	4628	0	
		00:00 to 06:00	16950	1000	15950	11122	4828	0	
	06 Dec to 06 Dec	06:00 to 08:00	16950	1000	15950	11421	4529	0	
		08:00 to 18:00	16750	1000	15750	11421	4329	0	
		18:00 to 24:00	16750	1000	15750	11122	4628	0	
		00:00 to 06:00	16950	1000	15950	11122	4828	0	
	07 Dec to 07 Dec	06:00 to 08:00	16950	1000	15950	11421	4529	0	
		08:00 to 18:00	16750	1000	15750	11421	4329	0	
		18:00 to 24:00	16750	1000	15750	11122	4628	0	
		00:00 to 06:00	16950	1000	15950	11122	4828	0	
	08 Dec to 08 Dec	06:00 to 08:00	16950	1000	15950	11421	4529	0	
		08:00 to 18:00	16750	1000	15750	11421	4329	0	
		18:00 to 24:00	16750	1000	15750	11122	4628	0	
		00:00 to 06:00	16950	1000	15950	11122	4828	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
	09 Dec to 09 Dec	00:00 to 06:00	16950	1000	15950	11122	4828	0	
		06:00 to 07:00	16950	1000	15950	11421	4529	0	
		07:00 to 08:00	15500	1000	14500	11421	3079	-1450	TTC/ATC curtailed due to continuous shutdown of HVDC 500KV APL POLE 1 & 2
		08:00 to 18:00	15300	1000	14300	11421	2879	-1650	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-2
		18:00 to 24:00	15300	1000	14300	11122	3178	-1650	
	10 Dec to 11 Dec	00:00 to 06:00	15500	1000	14500	11122	3378	-1450	
		06:00 to 18:00	15500	1000	14500	11421	3079	-1450	
		18:00 to 24:00	15500	1000	14500	11122	3378	-1450	
	12 Dec to 12 Dec	00:00 to 06:00	16350	1000	15350	11122	4228	-1450	
		06:00 to 18:00	16350	1000	15350	11421	3929	-1450	
		18:00 to 24:00	16350	1000	15350	11122	4228	-1450	
	13 Dec to 31 Dec	00:00 to 06:00	17800	1000	16800	11122	5678	0	
		06:00 to 18:00	17800	1000	16800	11421	5379	0	
		18:00 to 24:00	17800	1000	16800	11122	5678	0	

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WR-SR	01 Dec to 01 Dec	00:00 to 06:00	11600	650	10950	3607	7343	0	
		06:00 to 18:00	11600	650	10950	4569	6381	0	
		18:00 to 24:00	11600	650	10950	3607	7343	0	
	02 Dec to 02 Dec	00:00 to 06:00	11600	650	10950	3607	7343	0	
		06:00 to 09:00	11600	650	10950	4569	6381	0	
		09:00 to 18:00	10300	650	9650	4569	5081	0	
		18:00 to 24:00	10300	650	9650	3607	6043	0	
	03 Dec to 04 Dec	00:00 to 06:00	10300	650	9650	3607	6043	0	
		06:00 to 18:00	10300	650	9650	4569	5081	0	
		18:00 to 24:00	10300	650	9650	3607	6043	0	
	05 Dec to 08 Dec	00:00 to 06:00	11600	650	10950	3607	7343	0	
		06:00 to 18:00	11600	650	10950	4569	6381	0	
		18:00 to 24:00	11600	650	10950	3607	7343	0	
	09 Dec to 09 Dec	00:00 to 06:00	11600	650	10950	3607	7343	0	
		06:00 to 08:30	11600	650	10950	4569	6381	0	
		08:30 to 18:00	11350	650	10700	4569	6131	-250	TTC/ATC curtailed due to shutdown of 765KV-WARORA-PG-PARLI NEW-1
		18:00 to 24:00	11350	650	10700	3607	7093	-250	
	10 Dec to 31 Dec	00:00 to 06:00	11600	650	10950	3607	7343	0	
		06:00 to 18:00	11600	650	10950	4569	6381	0	
		18:00 to 24:00	11600	650	10950	3607	7343	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 - 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) 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 Dec to 31 Dec	00:00 to 24:00	NA	NA		NA		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
NER	01 Dec to 04 Dec	00:00 to 17:00	1260	60	1200	455	745	0	
		17:00 to 21:00	1080	60	1020	455	565	0	
		21:00 to 24:00	1260	60	1200	455	745	0	
	05 Dec to 05 Dec	00:00 to 09:00	1260	60	1200	455	745	0	
		09:00 to 17:00	1145	60	1085	455	630	0	
		17:00 to 21:00	985	60	925	455	470	0	
		21:00 to 24:00	1145	60	1085	455	630	0	
	06 Dec to 06 Dec	00:00 to 17:00	1145	60	1085	455	630	0	
		17:00 to 21:00	985	60	925	455	470	0	
		21:00 to 24:00	1145	60	1085	455	630	0	
	07 Dec to 31 Dec	00:00 to 17:00	1260	60	1200	455	745	0	
		17:00 to 21:00	1080	60	1020	455	565	0	
		21:00 to 24:00	1260	60	1200	455	745	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
NR	01 Dec to 04 Dec	00:00 to 06:00	24650	1400	23250	15976	7274	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
		06:00 to 18:00	24650	1400	23250	16275	6975	0	
		18:00 to 24:00	24650	1400	23250	15976	7274	0	
	05 Dec to 05 Dec	00:00 to 06:00	24650	1400	23250	15976	7274	0	
		06:00 to 08:00	24650	1400	23250	16275	6975	0	
		08:00 to 18:00	24250	1400	22850	16275	6575	0	
		18:00 to 24:00	24250	1400	22850	15976	6874	0	
		00:00 to 06:00	24650	1400	23250	15976	7274	0	
	06 Dec to 06 Dec	06:00 to 08:00	24650	1400	23250	16275	6975	0	
		08:00 to 18:00	24250	1400	22850	16275	6575	0	
		18:00 to 24:00	24250	1400	22850	15976	6874	0	
		00:00 to 06:00	24650	1400	23250	15976	7274	0	
	07 Dec to 07 Dec	06:00 to 08:00	24650	1400	23250	16275	6975	0	
		08:00 to 18:00	24250	1400	22850	16275	6575	0	
		18:00 to 24:00	24250	1400	22850	15976	6874	0	
		00:00 to 06:00	24650	1400	23250	15976	7274	0	
	08 Dec to 08 Dec	06:00 to 08:00	24650	1400	23250	16275	6975	0	
		08:00 to 18:00	24250	1400	22850	16275	6575	0	
		18:00 to 24:00	24250	1400	22850	15976	6874	0	
		00:00 to 06:00	24650	1400	23250	15976	7274	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
		00:00 to 06:00	24650	1400	23250	15976	7274	0	
		06:00 to 07:00	24650	1400	23250	16275	6975	0	
	09 Dec to 09 Dec	07:00 to 08:00	22850	1400	21450	16275	5175	-1800	TTC/ATC curtailed due to continuous shutdown of HVDC 500KV APL POLE 1 & 2
		08:00 to 18:00	22650	1400	21250	16275	4975	-2000	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-2
		18:00 to 24:00	22650	1400	21250	15976	5274	-2000	
	10 Dec to 11 Dec	00:00 to 06:00	22850	1400	21450	15976	5474	-1800	
		06:00 to 18:00	22850	1400	21450	16275	5175	-1800	
		18:00 to 24:00	22850	1400	21450	15976	5474	-1800	
	12 Dec to 12 Dec	00:00 to 06:00	24000	1400	22600	15976	6624	-1800	
		06:00 to 18:00	24000	1400	22600	16275	6325	-1800	
		18:00 to 24:00	24000	1400	22600	15976	6624	-1800	
	13 Dec to 31 Dec	00:00 to 06:00	25800	1400	24400	15976	8424	0	
		06:00 to 18:00	25800	1400	24400	16275	8125	0	
		18:00 to 24:00	25800	1400	24400	15976	8424	0	

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SR	01 Dec to 01 Dec	00:00 to 06:00	17300	1000	16300	6857	9443	0	
		06:00 to 18:00	17300	1000	16300	7885	8415	0	
		18:00 to 24:00	17300	1000	16300	6857	9443	0	
	02 Dec to 02 Dec	00:00 to 06:00	17300	1000	16300	6857	9443	0	
		06:00 to 09:00	17300	1000	16300	7885	8415	0	
		09:00 to 18:00	16000	1000	15000	7885	7115	0	
		18:00 to 24:00	16000	1000	15000	6857	8143	0	
	03 Dec to 04 Dec	00:00 to 06:00	16000	1000	15000	6857	8143	0	
		06:00 to 18:00	16000	1000	15000	7885	7115	0	
		18:00 to 24:00	16000	1000	15000	6857	8143	0	
	05 Dec to 08 Dec	00:00 to 06:00	17300	1000	16300	6857	9443	0	
		06:00 to 18:00	17300	1000	16300	7885	8415	0	
		18:00 to 24:00	17300	1000	16300	6857	9443	0	
	09 Dec to 09 Dec	00:00 to 06:00	17300	1000	16300	6857	9443	0	
		06:00 to 08:30	17300	1000	16300	7885	8415	0	
		08:30 to 18:00	16950	1000	15950	7885	8065	-350	TTC/ATC curtailed due to shutdown of 765KV-WARORA-PG-PARLI NEW-1
		18:00 to 24:00	16950	1000	15950	6857	9093	-350	
	10 Dec to 31 Dec	00:00 to 06:00	17300	1000	16300	6857	9443	0	
		06:00 to 18:00	17300	1000	16300	7885	8415	0	
		18:00 to 24:00	17300	1000	16300	6857	9443	0	
WR	01 Dec to 31 Dec	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 - 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 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 Dec to 31 Dec	00:00 to 24:00	NA	NA		NA		0	
NER	01 Dec to 04 Dec	00:00 to 17:00	3140	60	3080	258	2822	0	
		17:00 to 21:00	3030	60	2970	258	2712	0	
		21:00 to 24:00	3140	60	3080	258	2822	0	
	05 Dec to 05 Dec	00:00 to 09:00	3140	60	3080	258	2822	0	
		09:00 to 17:00	3000	60	2940	258	2682	0	
		17:00 to 21:00	2900	60	2840	258	2582	0	
		21:00 to 24:00	3000	60	2940	258	2682	0	
	06 Dec to 06 Dec	00:00 to 17:00	3000	60	2940	258	2682	0	
		17:00 to 21:00	2900	60	2840	258	2582	0	
		21:00 to 24:00	3000	60	2940	258	2682	0	
	07 Dec to 31 Dec	00:00 to 17:00	3140	60	3080	258	2822	0	
		17:00 to 21:00	3030	60	2970	258	2712	0	
		21:00 to 24:00	3140	60	3080	258	2822	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
NR	01 Dec to 08 Dec	00:00 to 06:00	3600	500	3100	1357	1743	0	
		06:00 to 18:00	3600	500	3100	6558	0	0	
		18:00 to 24:00	3600	500	3100	1357	1743	0	
	09 Dec to 09 Dec	00:00 to 06:00	3600	500	3100	1357	1743	0	
		06:00 to 07:00	3600	500	3100	6558	0	0	
		07:00 to 18:00	2900	500	2400	6558	0	-700	TTC/ATC curtailed due to continuous shutdown of HVDC 500KV APL POLE 1 & 2
		18:00 to 24:00	2900	500	2400	1357	1043	-700	
		00:00 to 06:00	2900	500	2400	1357	1043	-700	
	10 Dec to 12 Dec	06:00 to 18:00	2900	500	2400	6558	0	-700	
		18:00 to 24:00	2900	500	2400	1357	1043	-700	
		00:00 to 06:00	3600	500	3100	1357	1743	0	
	13 Dec to 31 Dec	06:00 to 18:00	3600	500	3100	6558	0	0	
		18:00 to 24:00	3600	500	3100	1357	1743	0	
		00:00 to 06:00	3600	500	3100	1357	1743	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
SR	01 Dec to 01 Dec	00:00 to 06:00	5650	650	5000	1970	3030	0	
		06:00 to 18:00	5650	650	5000	2320	2680	0	
		18:00 to 24:00	5650	650	5000	1970	3030	0	
	02 Dec to 02 Dec	00:00 to 06:00	5650	650	5000	1970	3030	0	
		06:00 to 09:00	5650	650	5000	2320	2680	0	
		09:00 to 18:00	4850	650	4200	2320	1880	0	
	03 Dec to 04 Dec	18:00 to 24:00	4850	650	4200	1970	2230	0	
		00:00 to 06:00	4850	650	4200	1970	2230	0	
		06:00 to 18:00	4850	650	4200	2320	1880	0	
	05 Dec to 31 Dec	18:00 to 24:00	4850	650	4200	1970	2230	0	
		00:00 to 06:00	5650	650	5000	1970	3030	0	
		06:00 to 18:00	5650	650	5000	2320	2680	0	
01 Dec to 31 Dec	18:00 to 24:00	5650	650	5000	1970	3030	0		
	00:00 to 24:00	NA	NA	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	0-10
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	0-10
ER-NR	Inter-regional flow pattern towards NR	0-10
WR-SR	N-1 of one ICT of 765/400 kV, 1500 MVA ICT at Nizamabad will overload the other ICT	0-10
ER-SR	Low Voltage at Gazuwaka (East) Bus.	0-10
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	0-10
ER-NER	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C	0-10
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	0-10

Corridor	Constraints	Revisions
NR_IMPORT	N-1 contingency of one ckt of 765 kV Vindhychal-Varanasi will overload the other circuit	0-10
NR_EXPORT	(N-1) Contingency of 400 kV Banaskantha - Veloda D/C (n-1) contingency of 400 kV Saranath-Pusauli	0-10
NER_IMPORT	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Salakati - BTPS D/C	0-10
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	0-10
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	0-10
SR_EXPORT	N-1 contingency of one ckt of 400 kV Kolhapur-PG - Kolhapur-MS D/C will overload of the other ckt	0-10

## Revision Summary

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
1	28 Sep	01 Dec to 31 Dec	Revised STOA margin due to a) Increase in LTA quantum by 27.9 MW from SRIJAN_MORJAR_BHJ2_W to BRPL b) Increase in LTA quantum by 23.4 MW from SRIJAN_MORJAR_BHJ2_W to BYPL c) Operationalization of new LTAs of quantum of 50 MW & 274.4 MW from SBESS_PTHMPUR_INDR_W to UPPCL	WR-NR
		01 Dec to 31 Dec	Revised STOA margin due to increase in LTA quantum by 23.4 MW from SITAC_CHUGGER_BHJ2_W to Pondicherry	WR-SR
		01 Dec to 31 Dec	Revised STOA margin due to a) Increase in LTA quantum by 27.9 MW from SRIJAN_MORJAR_BHJ2_W to BRPL b) Increase in LTA quantum by 23.4 MW from SRIJAN_MORJAR_BHJ2_W to BYPL c) Operationalization of new LTAs of quantum of 50 MW & 274.4 MW from SBESS_PTHMPUR_INDR_W to UPPCL	NR_IMPORT
		01 Dec to 31 Dec	Revised STOA margin due to increase in LTA quantum by 23.4 MW from SITAC_CHUGGER_BHJ2_W to Pondicherry	SR_IMPORT
2	28 Oct	01 Dec to 31 Dec	Revised STOA margin due to a) Operationalisation of new LTA quantum of 76.5 MW from SITAC_CHUGGER_BHJ2_W to BRPL b) Operationalisation of new LTA quantum of 76.5 MW from SITAC_CHUGGER_BHJ2_W to BYPL c) Discontinuation of LTA quantum of 72.9 MW from SRIJAN_MORJAR_BHJ2_W to BRPL d) Discontinuation of LTA quantum of 72.9 MW from SRIJAN_MORJAR_BHJ2_W to BYPL	WR-NR
		01 Dec to 31 Dec	Revised STOA margin due to a) Operationalisation of new LTA quantum of 100 MW from AHEJ3L_S_FTG2 to IPCL_WB b) Operationalisation of new LTA quantum of 25.27 MW from AHEJ3L_W_FTG2 to IPCL_WB c) Operationalisation of new LTA quantum of 250 MW from CSPJL_BHDL to JBVNL	NR-ER
		01 Dec to 31 Dec	Revised STOA margin due to increase in LTA quantum by 3.6 MW from SITAC_CHUGGER_BHJ2_W to PONDY	WR-SR
		01 Dec to 31 Dec	Revised STOA margin due to a) Operationalisation of new LTA quantum of 76.5 MW from SITAC_CHUGGER_BHJ2_W to BRPL b) Operationalisation of new LTA quantum of 76.5 MW from SITAC_CHUGGER_BHJ2_W to BYPL c) Discontinuation of LTA quantum of 72.9 MW from SRIJAN_MORJAR_BHJ2_W to BRPL d) Discontinuation of LTA quantum of 72.9 MW from SRIJAN_MORJAR_BHJ2_W to BYPL	NR_IMPORT
		01 Dec to 31 Dec	Revised STOA margin due to increase in LTA quantum by 3.6 MW from SITAC_CHUGGER_BHJ2_W to PONDY	SR_IMPORT
3	28 Nov	01 Dec to 31 Dec	Revised STOA margin due to increase in approved LTA quantum from SITAC_CHUGGER_BHUJ 2 by a) 4.5 MW to BYPL & b) 4.5 MW to BRPL	WR-NR
		01 Dec to 31 Dec	Revised STOA margin due to increase in approved LTA quantum from SITAC_CHUGGER_BHUJ 2 by 4.5 MW to Pondicherry	WR-SR
		01 Dec to 31 Dec	Revised STOA margin due to increase in approved LTA quantum from SITAC_CHUGGER_BHUJ 2 by a) 4.5 MW to BYPL & b) 4.5 MW to BRPL	NR_IMPORT
		01 Dec to 31 Dec	Revised STOA margin due to increase in approved LTA quantum from SITAC_CHUGGER_BHUJ 2 by 4.5 MW to Pondicherry	SR_IMPORT
		01 Dec to 31 Dec	Revised STOA margin due to increase in approved LTA quantum from HIRIYUR_OSTROKANNADA by 25.2 MW to Bihar	SR_EXPORT

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
4	29 Nov	01 Dec to 04 Dec	TTC/ATC curtailed due to continuous shutdown of 765KV-GWALIOR-AGRA-2	WR-NR
		01 Dec to 04 Dec	TTC/ATC curtailed due to continuous shutdown of 765KV-GWALIOR-AGRA-2	ER-NR
		01 Dec to 31 Dec	TTC/ATC curtailed due to continuous shutdown of 400KV-KOLHAPUR-MS-KOLHAPUR GIS-1	SR-WR
		01 Dec to 31 Dec	Due to Change in LGB in NER Grid	ER-NER
		01 Dec to 31 Dec	Due to Change in LGB in NER Grid	NER-ER
		01 Dec to 04 Dec	TTC/ATC curtailed due to continuous shutdown of 765KV-GWALIOR-AGRA-2	NR_IMPORT
		01 Dec to 31 Dec	Due to Change in LGB in NER Grid	NER_IMPORT
		01 Dec to 31 Dec	Due to Change in LGB in NER Grid	NER_EXPORT
		01 Dec to 31 Dec	TTC/ATC curtailed due to continuous shutdown of 400KV-KOLHAPUR-MS-KOLHAPUR GIS-1	SR_EXPORT
5	30 Nov	02 Dec to 02 Dec	TTC/ATC curtailed due to shutdown of HVDC 800KV RAIGARH-GIS-HVDC POLE 4	WR-SR
		02 Dec to 02 Dec	TTC/ATC curtailed due to shutdown of HVDC 800KV RAIGARH-GIS-HVDC POLE 4	SR-WR
		02 Dec to 02 Dec	TTC/ATC curtailed due to shutdown of HVDC 800KV RAIGARH-GIS-HVDC POLE 4	SR_IMPORT
		02 Dec to 02 Dec	TTC/ATC curtailed due to shutdown of HVDC 800KV RAIGARH-GIS-HVDC POLE 4	SR_EXPORT
6	03 Dec	05 Dec to 05 Dec	TTC/ATC curtailed due to extension of shutdown of 765 KV Agra-Gwalior-2	WR-NR
		05 Dec to 05 Dec	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-1	WR-NR
		05 Dec to 05 Dec	TTC/ATC curtailed due to extension of shutdown of 765 KV Agra-Gwalior-2	ER-NR
		05 Dec to 05 Dec	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-1	ER-NR
		05 Dec to 05 Dec	TTC/ATC curtailed due to continuous shutdown of 400 kV Bongaigoan - Byrnihat-TL	ER-NER
		05 Dec to 05 Dec	TTC/ATC curtailed due to continuous shutdown of 400 kV Bongaigoan - Byrnihat-TL	NER-ER
		05 Dec to 05 Dec	TTC/ATC curtailed due to extension of shutdown of 765 KV Agra-Gwalior-2	NR_IMPORT
		05 Dec to 05 Dec	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-1	NR_IMPORT
		05 Dec to 05 Dec	TTC/ATC curtailed due to continuous shutdown of 400 kV Bongaigoan - Byrnihat-TL	NER_IMPORT
		05 Dec to 05 Dec	TTC/ATC curtailed due to continuous shutdown of 400 kV Bongaigoan - Byrnihat-TL	NER_EXPORT

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
7	04 Dec	06 Dec to 06 Dec	TTC/ATC curtailed due to extension of shutdown of 765 KV Agra-Gwalior-2	WR-NR
		06 Dec to 06 Dec	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-1	WR-NR
		06 Dec to 06 Dec	TTC/ATC curtailed due to extension of shutdown of 765 KV Agra-Gwalior-2	ER-NR
		06 Dec to 06 Dec	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-1	ER-NR
		06 Dec to 06 Dec	TTC/ATC curtailed due to extension of shutdown of 765 KV Agra-Gwalior-2	NR_IMPORT
		06 Dec to 06 Dec	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-1	NR_IMPORT
8	05 Dec	07 Dec to 07 Dec	TTC/ATC curtailed due to extension of shutdown of 765 KV Agra-Gwalior-2	WR-NR
		07 Dec to 07 Dec	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-1	WR-NR
		07 Dec to 07 Dec	TTC/ATC curtailed due to extension of shutdown of 765 KV Agra-Gwalior-2	ER-NR
		07 Dec to 07 Dec	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-1	ER-NR
		07 Dec to 07 Dec	TTC/ATC curtailed due to extension of shutdown of 765 KV Agra-Gwalior-2	NR_IMPORT
		07 Dec to 07 Dec	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-1	NR_IMPORT
9	06 Dec	08 Dec to 08 Dec	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-2	WR-NR
		08 Dec to 08 Dec	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-2	ER-NR
		08 Dec to 08 Dec	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-2	NR_IMPORT
10	07 Dec	09 Dec to 09 Dec	TTC/ATC curtailed due to continuous shutdown of HVDC 500KV APL POLE 1 & 2	NR-WR
		09 Dec to 09 Dec	TTC/ATC curtailed due to continuous shutdown of HVDC 500KV APL POLE 1 & 2	WR-NR
		09 Dec to 09 Dec	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-2	WR-NR
		09 Dec to 09 Dec	TTC/ATC curtailed due to continuous shutdown of HVDC 500KV APL POLE 1 & 2	ER-NR
		09 Dec to 09 Dec	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-2	ER-NR
		09 Dec to 09 Dec	TTC/ATC curtailed due to shutdown of 765KV-WARORA-PG-PARLI NEW-1	WR-SR
		09 Dec to 09 Dec	TTC/ATC curtailed due to continuous shutdown of HVDC 500KV APL POLE 1 & 2	NR_IMPORT
		09 Dec to 09 Dec	TTC/ATC curtailed due to shutdown of 400KV-GAYA-CHANDWA-2	NR_IMPORT
		09 Dec to 09 Dec	TTC/ATC curtailed due to shutdown of 765KV-WARORA-PG-PARLI NEW-1	SR_IMPORT
		09 Dec to 09 Dec	TTC/ATC curtailed due to continuous shutdown of HVDC 500KV APL POLE 1 & 2	NR_EXPORT

## BASECASE LGBR

S.No.	Name of State/Region	Load	Month:	Dec'22
			Generation	

		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
I	NORTHERN REGION				
1	Punjab	5869	4094	2375	2012
2	Haryana	6222	4461	1770	1355
3	Rajasthan	13128	7775	7983	6105
4	Delhi	4014	1699	480	458
5	Uttar Pradesh	13892	10427	8489	5155
6	Uttarakhand	1784	1425	341	296
7	Himachal Pradesh	1667	1031	458	155
8	Jammu & Kashmir	2362	2207	209	204
9	Chandigarh	209	93	0	0
10	ISGS/IPPs	53	54	18828	8818
	Total NR	49198	33265	40932	24559
II	EASTERN REGION				
1	Bihar	3913	3541	452	447
2	Jharkhand	1517	1272	351	321
3	Damodar Valley Corporation	3154	3035	5080	4603
4	Orissa	5358	4679	3011	2642
5	West Bengal	5489	4694	5653	5131
6	Sikkim	101	99	0	0
7	Bhutan	57	58	243	289
8	ISGS/IPPs	608	509	14963	11503
	Total ER	20197	17888	29753	24936
III	WESTERN REGION				
1	Maharashtra	19990	14943	13802	11956
2	Gujarat	16303	11977	5795	6694
3	Madhya Pradesh	14361	7844	5009	3273
4	Chattisgarh	3968	2743	2115	2239
5	Daman and Diu	0	0	0	0
6	Dadra and Nagar Haveli	781	773	0	0
7	Goa-WR	427	378	0	0
8	ISGS/IPPs	4861	4135	44531	30264
	Total WR	60691	42793	71253	54426
IV	SOUTHERN REGION				
1	Andhra Pradesh	8063	6227	4404	2729
2	Telangana	11312	8882	5718	4089
3	Karnataka	14332	7717	10650	5665
4	Tamil Nadu	14160	11743	8780	5042
5	Kerala	3201	2879	741	266
6	Pondy	392	397	0	0
7	Goa-SR	76	77	0	0
8	ISGS/IPPs	0	0	15924	13454
	Total SR	51536	37924	46217	31246
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	108	96	0	0
2	Assam	1097	1005	276	285
3	Manipur	182	120	0	0
4	Meghalaya	350	287	142	36

5	Mizoram	101	82	64	59
6	Nagaland	158	165	18	18
7	Tripura	211	228	167	166
8	ISGS/IPPs	0	0	2315	2270
	Total NER	2206	1984	2982	2833
	Total All India	183828	133854	191136	138000