

**National Load Despatch Centre
Total Transfer Capability for Jul 2023**

Issue Date:Jul 23 2023

Issue Time:11:09:11

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 Jul to 08 Jul	00:00 to 18:00	2080	60	2020	455	1565	0		
		18:00 to 22:00	1880	60	1820	455	1365	0		
		22:00 to 24:00	2080	60	2020	455	1565	0		
	09 Jul to 17 Jul	00:00 to 19:00	1930	60	1870	455	1415	0		
		19:00 to 23:00	1680	60	1620	455	1165	0		
		23:00 to 24:00	1930	60	1870	455	1415	0		
	18 Jul to 18 Jul	00:00 to 09:00	1930	60	1870	455	1415	0		
		09:00 to 19:00	1760	60	1700	455	1245	0		
		19:00 to 23:00	1500	60	1440	455	985	0		
		23:00 to 24:00	1760	60	1700	455	1245	0		
	19 Jul to 21 Jul	00:00 to 19:00	1930	60	1870	455	1415	0		
		19:00 to 23:00	1680	60	1620	455	1165	0		
		23:00 to 24:00	1930	60	1870	455	1415	0		
	22 Jul to 22 Jul	00:00 to 09:00	1930	60	1870	455	1415	0		
		09:00 to 19:00	1760	60	1700	455	1245	0		
		19:00 to 23:00	1500	60	1440	455	985	0		
		23:00 to 24:00	1760	60	1700	455	1245	0		
	23 Jul to 31 Jul	00:00 to 19:00	1930	60	1870	455	1415	0		
		19:00 to 23:00	1680	60	1620	455	1165	0		
		23:00 to 24:00	1930	60	1870	455	1415	0		
	ER-NR	01 Jul to 21 Jul	00:00 to 24:00	8000	400	7600	5097	2503	0	
		22 Jul to 22 Jul	00:00 to 07:00	8000	400	7600	5097	2503	0	
			07:00 to 24:00	7850	400	7450	5097	2353	0	
		23 Jul to 23 Jul	00:00 to 24:00	8000	400	7600	5097	2503	0	
24 Jul to 31 Jul		00:00 to 24:00	7650	400	7250	5097	2153	-350	AP is not able to operate HVDC Mundra in WR-NR direction	

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 Jul to 03 Jul	00:00 to 06:00	5700	350	5350	3265	2085	0	
		06:00 to 18:00	5700	350	5350	3330	2020	0	
		18:00 to 24:00	5700	350	5350	3265	2085	0	
	04 Jul to 07 Jul	00:00 to 06:00	4800	350	4450	3265	1185	0	
		06:00 to 18:00	4800	350	4450	3330	1120	0	
		18:00 to 24:00	4800	350	4450	3265	1185	0	
	08 Jul to 08 Jul	00:00 to 06:00	5700	350	5350	3265	2085	0	
		06:00 to 07:00	5700	350	5350	3330	2020	0	
		07:00 to 18:00	5450	350	5100	3330	1770	0	
		18:00 to 24:00	5450	350	5100	3265	1835	0	
	09 Jul to 13 Jul	00:00 to 06:00	5700	350	5350	3265	2085	0	
		06:00 to 18:00	5700	350	5350	3330	2020	0	
		18:00 to 24:00	5700	350	5350	3265	2085	0	
	14 Jul to 14 Jul	00:00 to 06:00	5700	350	5350	3265	2085	0	
		06:00 to 09:00	5700	350	5350	3330	2020	0	
		09:00 to 18:00	5700	350	5350	3330	2020	0	
		18:00 to 24:00	5700	350	5350	3265	2085	0	
	15 Jul to 19 Jul	00:00 to 06:00	5700	350	5350	3265	2085	0	
		06:00 to 18:00	5700	350	5350	3330	2020	0	
		18:00 to 24:00	5700	350	5350	3265	2085	0	
	20 Jul to 20 Jul	00:00 to 06:00	5700	350	5350	3265	2085	0	
		06:00 to 10:00	5700	350	5350	3330	2020	0	
		10:00 to 18:00	5400	350	5050	3330	1720	0	
		18:00 to 24:00	5400	350	5050	3265	1785	0	
21 Jul to 21 Jul	00:00 to 06:00	5700	350	5350	3265	2085	0		
	06:00 to 10:00	5700	350	5350	3330	2020	0		
	10:00 to 18:00	5400	350	5050	3330	1720	0		
	18:00 to 24:00	5400	350	5050	3265	1785	0		
22 Jul to 31	00:00 to 06:00	5700	350	5350	3265	2085	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	
	Jul	06:00 to 18:00	5700	350	5350	3330	2020	0		
		18:00 to 24:00	5700	350	5350	3265	2085	0		
ER-W3	01 Jul to 31 Jul	00:00 to 24:00	No limit is being specified.							
ER-WR	01 Jul to 31 Jul	00:00 to 24:00	NA	NA		NA		0		
NER-ER	01 Jul to 08 Jul	00:00 to 18:00	2600	60	2540	258	2282	0		
		18:00 to 22:00	2515	60	2455	258	2197	0		
		22:00 to 24:00	2600	60	2540	258	2282	0		
	09 Jul to 31 Jul	00:00 to 19:00	2900	60	2840	258	2582	0		
		19:00 to 23:00	2815	60	2755	258	2497	0		
		23:00 to 24:00	2900	60	2840	258	2582	0		
NR-ER	01 Jul to 21 Jul	00:00 to 06:00	4000	300	3700	125	3575	0		
		06:00 to 18:00	4000	300	3700	1990	1710	0		
		18:00 to 24:00	4000	300	3700	125	3575	0		
	22 Jul to 22 Jul	00:00 to 06:00	4000	300	3700	125	3575	0		
		06:00 to 07:00	4000	300	3700	1990	1710	0		
		07:00 to 18:00	3800	300	3500	1990	1510	0		
	23 Jul to 31 Jul	18:00 to 24:00	3800	300	3500	125	3375	0		
		00:00 to 06:00	4000	300	3700	125	3575	0		
		06:00 to 18:00	4000	300	3700	1990	1710	0		
	NR-WR	01 Jul to 31 Jul	18:00 to 24:00	4000	300	3700	125	3575	0	
			00:00 to 06:00	4000	500	3500	1267	2233	0	
			06:00 to 18:00	4000	500	3500	5177	0	0	
SR-ER	01 Jul to 31 Jul	00:00 to 24:00	No limit is being specified.							
SR-WR	01 Jul to 31 Jul	00:00 to 06:00	6000	650	5350	650	4700	0		
		06:00 to 18:00	6500	650	5850	850	5000	0		
		18:00 to 24:00	6000	650	5350	650	4700	0		
W3 Injection	01 Jul to 31	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	
	Jul									
W3-ER	01 Jul to 31 Jul	00:00 to 24:00	No limit is being specified.							
WR-ER	01 Jul to 21 Jul	00:00 to 06:00	5500	300	5200	990	4210	0		
		06:00 to 18:00	5500	300	5200	1040	4160	0		
		18:00 to 24:00	5500	300	5200	990	4210	0		
	22 Jul to 22 Jul	00:00 to 06:00	5500	300	5200	990	4210	0		
		06:00 to 07:00	5500	300	5200	1040	4160	0		
		07:00 to 18:00	5200	300	4900	1040	3860	0		
		18:00 to 24:00	5200	300	4900	990	3910	0		
	23 Jul to 31 Jul	00:00 to 06:00	5500	300	5200	990	4210	0		
		06:00 to 18:00	5500	300	5200	1040	4160	0		
		18:00 to 24:00	5500	300	5200	990	4210	0		
	WR-NR	01 Jul to 21 Jul	00:00 to 06:00	17800	1000	16800	11319	5481	0	
			06:00 to 18:00	17800	1000	16800	11643	5157	0	
18:00 to 24:00			17800	1000	16800	11319	5481	0		
22 Jul to 22 Jul		00:00 to 06:00	17800	1000	16800	11319	5481	0		
		06:00 to 07:00	17800	1000	16800	11643	5157	0		
		07:00 to 18:00	17650	1000	16650	11643	5007	0		
		18:00 to 24:00	17650	1000	16650	11319	5331	0		
23 Jul to 23 Jul		00:00 to 06:00	17800	1000	16800	11319	5481	0		
		06:00 to 18:00	17800	1000	16800	11643	5157	0		
		18:00 to 24:00	17800	1000	16800	11319	5481	0		
24 Jul to 31 Jul		00:00 to 06:00	16350	1000	15350	11319	4031	-1450	AP is not able to operate HVDC Mundra in WR-NR direction	
		06:00 to 18:00	16350	1000	15350	11643	3707	-1450		
	18:00 to 24:00	16350	1000	15350	11319	4031	-1450			
WR-SR	01 Jul to 07 Jul	00:00 to 06:00	11600	650	10950	3685	7265	0		
		06:00 to 18:00	11600	650	10950	4787	6163	0		
		18:00 to 24:00	11600	650	10950	3685	7265	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
	08 Jul to 08 Jul	00:00 to 06:00	11600	650	10950	3685	7265	0	
		06:00 to 07:00	11600	650	10950	4787	6163	0	
		07:00 to 18:00	10700	650	10050	4787	5263	0	
		18:00 to 24:00	10700	650	10050	3685	6365	0	
	09 Jul to 13 Jul	00:00 to 06:00	11600	650	10950	3685	7265	0	
		06:00 to 18:00	11600	650	10950	4787	6163	0	
		18:00 to 24:00	11600	650	10950	3685	7265	0	
	14 Jul to 14 Jul	00:00 to 06:00	11600	650	10950	3685	7265	0	
		06:00 to 09:00	11600	650	10950	4787	6163	0	
		09:00 to 18:00	11600	650	10950	4787	6163	0	
		18:00 to 24:00	11600	650	10950	3685	7265	0	
	15 Jul to 19 Jul	00:00 to 06:00	11600	650	10950	3685	7265	0	
		06:00 to 18:00	11600	650	10950	4787	6163	0	
		18:00 to 24:00	11600	650	10950	3685	7265	0	
	20 Jul to 20 Jul	00:00 to 06:00	11600	650	10950	3685	7265	0	
		06:00 to 10:00	11600	650	10950	4787	6163	0	
		10:00 to 18:00	11550	650	10900	4787	6113	0	
		18:00 to 24:00	11550	650	10900	3685	7215	0	
	21 Jul to 21 Jul	00:00 to 06:00	11600	650	10950	3685	7265	0	
		06:00 to 10:00	11600	650	10950	4787	6163	0	
		10:00 to 18:00	11550	650	10900	4787	6113	0	
		18:00 to 24:00	11550	650	10900	3685	7215	0	
	22 Jul to 31 Jul	00:00 to 06:00	11600	650	10950	3685	7265	0	
		06:00 to 18:00	11600	650	10950	4787	6163	0	
18:00 to 24:00		11600	650	10950	3685	7265	0		

- Based on the actual distribution of corridor flows, Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for short-term transactions wherever applicable.
- 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.
- 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

- For SR Export TTC declaration during Solar hours, the dispatches of generators connected at 400 kV Raigarh – PS (Kotra) considered as per the approved LTA/MTOA quantum or technical minimum level, whichever is higher, the power order of HVDC Raigarh - Pugalur as 1400 MW (Bipole 1: 450 MW, Bipole 2: 950 MW) in SR to WR direction and NTPC Kudgi Generation as 60 % of I/C.
- For SR Export TTC declaration during Non-Solar hours, HVDC Raigarh - Pugalur is considered in Bocked condition and full dispatch at NTPC Kudgi.
- 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 Grid-India/NLDC "News Update" (Flasher) Section

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 Jul to 31 Jul	00:00 to 24:00	NA	NA		NA		0	
NER	01 Jul to 08 Jul	00:00 to 18:00	1580	60	1520	455	1065	0	
		18:00 to 22:00	1380	60	1320	455	865	0	
		22:00 to 24:00	1580	60	1520	455	1065	0	
	09 Jul to 17 Jul	00:00 to 19:00	1430	60	1370	455	915	0	
		19:00 to 23:00	1180	60	1120	455	665	0	
		23:00 to 24:00	1430	60	1370	455	915	0	
	18 Jul to 18 Jul	00:00 to 09:00	1430	60	1370	455	915	0	
		09:00 to 19:00	1260	60	1200	455	745	0	
		19:00 to 23:00	1000	60	940	455	485	0	
		23:00 to 24:00	1260	60	1200	455	745	0	
	19 Jul to 21 Jul	00:00 to 19:00	1430	60	1370	455	915	0	
		19:00 to 23:00	1180	60	1120	455	665	0	
		23:00 to 24:00	1430	60	1370	455	915	0	
	22 Jul to 22 Jul	00:00 to 09:00	1430	60	1370	455	915	0	
		09:00 to 19:00	1260	60	1200	455	745	0	
		19:00 to 23:00	1000	60	940	455	485	0	
		23:00 to 24:00	1260	60	1200	455	745	0	
	23 Jul to 31 Jul	00:00 to 19:00	1430	60	1370	455	915	0	
		19:00 to 23:00	1180	60	1120	455	665	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	
		23:00 to 24:00	1430	60	1370	455	915	0		
NR	01 Jul to 21 Jul	00:00 to 06:00	25800	1400	24400	16416	7984	0		
		06:00 to 18:00	25800	1400	24400	16740	7660	0		
		18:00 to 24:00	25800	1400	24400	16416	7984	0		
	22 Jul to 22 Jul	00:00 to 06:00	25800	1400	24400	16416	7984	0		
		06:00 to 07:00	25800	1400	24400	16740	7660	0		
		07:00 to 18:00	25500	1400	24100	16740	7360	0		
		18:00 to 24:00	25500	1400	24100	16416	7684	0		
	23 Jul to 23 Jul	00:00 to 06:00	25800	1400	24400	16416	7984	0		
		06:00 to 18:00	25800	1400	24400	16740	7660	0		
		18:00 to 24:00	25800	1400	24400	16416	7984	0		
	24 Jul to 31 Jul	00:00 to 06:00	24000	1400	22600	16416	6184	-1800	AP is not able to operate HVDC Mundra in WR-NR direction	
		06:00 to 18:00	24000	1400	22600	16740	5860	-1800		
		18:00 to 24:00	24000	1400	22600	16416	6184	-1800		
	SR	01 Jul to 03 Jul	00:00 to 06:00	17300	1000	16300	6763	9537	0	
			06:00 to 18:00	17300	1000	16300	7930	8370	0	
18:00 to 24:00			17300	1000	16300	6763	9537	0		
04 Jul to 07 Jul		00:00 to 06:00	16400	1000	15400	6763	8637	0		
		06:00 to 18:00	16400	1000	15400	7930	7470	0		
		18:00 to 24:00	16400	1000	15400	6763	8637	0		
08 Jul to 08 Jul		00:00 to 06:00	17300	1000	16300	6763	9537	0		
		06:00 to 07:00	17300	1000	16300	7930	8370	0		
		07:00 to 18:00	16150	1000	15150	7930	7220	0		
		18:00 to 24:00	16150	1000	15150	6763	8387	0		
09 Jul to 13 Jul		00:00 to 06:00	17300	1000	16300	6763	9537	0		
		06:00 to 18:00	17300	1000	16300	7930	8370	0		
		18:00 to 24:00	17300	1000	16300	6763	9537	0		
14 Jul to 14 Jul		00:00 to 06:00	17300	1000	16300	6763	9537	0		

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		06:00 to 09:00	17300	1000	16300	7930	8370	0		
		09:00 to 18:00	17300	1000	16300	7930	8370	0		
		18:00 to 24:00	17300	1000	16300	6763	9537	0		
	15 Jul to 19 Jul	00:00 to 06:00	17300	1000	16300	6763	9537	0		
		06:00 to 18:00	17300	1000	16300	7930	8370	0		
		18:00 to 24:00	17300	1000	16300	6763	9537	0		
	20 Jul to 20 Jul	00:00 to 06:00	17300	1000	16300	6763	9537	0		
		06:00 to 10:00	17300	1000	16300	7930	8370	0		
		10:00 to 18:00	16950	1000	15950	7930	8020	0		
		18:00 to 24:00	16950	1000	15950	6763	9187	0		
	21 Jul to 21 Jul	00:00 to 06:00	17300	1000	16300	6763	9537	0		
		06:00 to 10:00	17300	1000	16300	7930	8370	0		
		10:00 to 18:00	16950	1000	15950	7930	8020	0		
		18:00 to 24:00	16950	1000	15950	6763	9187	0		
	22 Jul to 31 Jul	00:00 to 06:00	17300	1000	16300	6763	9537	0		
		06:00 to 18:00	17300	1000	16300	7930	8370	0		
		18:00 to 24:00	17300	1000	16300	6763	9537	0		
	WR	01 Jul to 31 Jul	00:00 to 24:00	NA	NA			0	0	

- Based on the actual distribution of corridor flows, Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for short-term transactions wherever applicable.
- 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.
- 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
- For SR Export TTC declaration during Solar hours, the dispatches of generators connected at 400 kV Raigarh – PS (Kotra) considered as per the approved LTA/MTOA quantum or technical minimum level, whichever is higher, the power order of HVDC Raigarh - Pugalur as 1400 MW (Bipole 1: 450 MW, Bipole 2: 950 MW) in SR to WR direction and NTPC Kudgi Generation as 60 % of I/C.
- For SR Export TTC declaration during Non-Solar hours, HVDC Raigarh - Pugalur is considered in Bocked condition and full dispatch at NTPC Kudgi.
- 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.
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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 Jul to 31 Jul	00:00 to 24:00	NA	NA		NA		0	
NER	01 Jul to 08 Jul	00:00 to 18:00	3100	60	3040	258	2782	0	
		18:00 to 22:00	3015	60	2955	258	2697	0	
		22:00 to 24:00	3100	60	3040	258	2782	0	
	09 Jul to 31 Jul	00:00 to 19:00	3400	60	3340	258	3082	0	
		19:00 to 23:00	3315	60	3255	258	2997	0	
		23:00 to 24:00	3400	60	3340	258	3082	0	
NR	01 Jul to 31 Jul	00:00 to 06:00	4000	500	3500	1391	2109	0	
		06:00 to 18:00	4000	500	3500	7167	0	0	
		18:00 to 24:00	4000	500	3500	1391	2109	0	
SR	01 Jul to 31 Jul	00:00 to 06:00	5000	650	4350	2018	2332	0	
		06:00 to 18:00	5200	650	4550	2369	2181	0	
		18:00 to 24:00	5000	650	4350	2018	2332	0	
WR	01 Jul to 31 Jul	00:00 to 24:00	NA	NA		NA		0	

- Based on the actual distribution of corridor flows, Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for short-term transactions wherever applicable.
- 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.
- 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
- For SR Export TTC declaration during Solar hours, the dispatches of generators connected at 400 kV Raigarh – PS (Kotra) considered as per the approved LTA/MTOA quantum or technical minimum level, whichever is higher, the power order of HVDC Raigarh - Pugalur as 1400 MW (Bipole 1: 450 MW, Bipole 2: 950 MW) in SR to WR direction and NTPC Kudgi Generation as 60 % of I/C.
- For SR Export TTC declaration during Non-Solar hours, HVDC Raigarh - Pugalur is considered in Bocked condition and full dispatch at NTPC Kudgi.
- 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 Grid-India/NLDC "News Update" (Flasher) Section

Limiting Constraints

Corridor	Constraints	Revisions
WR-NR	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	0-15
NR-ER	1. Overloading of one circuit of 400 kV New Ranchi – New PPSP D/C on the tripping of the other circuit 2. Overloading of one circuit of 400 kV Kahalgaon – Farakka D/C on the tripping of the other circuit 3. Overloading of 400 kV Farakka – Sagardighi – 1 on the tripping of 400 kV Farakka – Sagardighi - 2	4-15
WR-ER	1. Overloading of one circuit of 400 kV New Ranchi – New PPSP D/C on the tripping of the other circuit 2. Overloading of one circuit of 400 kV Kahalgaon – Farakka D/C on the tripping of the other circuit 3. Overloading of 400 kV Farakka – Sagardighi – 1 on the tripping of 400 kV Farakka – Sagardighi - 2	4-15

Corridor	Constraints	Revisions
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 400 kV Pune – Kalwa will overload 400 kV Pune -Khargar & and vice-versa b) Angular separation between Kudgi & Kolhapur (PG) under N-1 of 400 kV Kudgi - Kolhapur (PG) D/C touches 30 deg c)Low voltage at 400 kV Chakan, Jejuri, Lonikhand etc d) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– A at Raigarh - PS (Kotra) with increase in HVDC Raigarh – Pugalur Bipole – II power order beyond 950 MW in SR to WR Direction (Solar Hours) e) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– B at Raigarh - PS (Kotra) with increase in HVDC Raigarh – Pugalur Bipole – I power order beyond 450 MW in SR to WR Direction (Solar Hours)	5-15
ER-NER	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Balipara-Sonabil D/C	5-15
NER-ER	a) N-1 contingency of 220 kV Salakati - Alipurduar I or II b) High Loading of 220 kV Salakati - Alipurdhar II or I	5-15
NR_IMPORT	N-1 contingency of one ckt of 765 kV Vindhychal-Varanasi will overload the other circuit	0-15
NR_EXPORT	(N-1) Contingency of 400 kV Kankroli-Zerda-S/C will overload 400 KV Bhinmal-Zerda-S/C	0-15
NER_IMPORT	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Balipara-Sonabil D/C	5-15
NER_EXPORT	a) N-1 contingency of 220 kV Salakati - Alipurduar I or II b) High Loading of 220 kV Salakati - Alipurdhar II or I	5-15
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	a) N-1 Contingency of 400 kV Pune – Kalwa will overload 400 kV Pune -Khargar & and vice-versa b) Angular separation between Kudgi & Kolhapur (PG) under N-1 of 400 kV Kudgi - Kolhapur (PG) D/C touches 30 deg c)Low voltage at 400 kV Chakan, Jejuri, Lonikhand etc d) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– A at Raigarh - PS (Kotra) with increase in HVDC Raigarh – Pugalur Bipole – II power order beyond 950 MW in SR to WR Direction (Solar Hours) e) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– B at Raigarh - PS (Kotra) with increase in HVDC Raigarh – Pugalur Bipole – I power order beyond 450 MW in SR to WR Direction (Solar Hours)	5-15

Revision Summary

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
0	28 Mar			
1	10 Apr	01 Jul to 31 Jul	Revised STOA Margin due to, i) 50 MW increase in LTA quantum from APMPL_BHDLto MP ii) New approved LTA from TPREL to TPC MSEB iii) Discontinuation of MTOA of 58 MW from RUVNL to MP	NR-WR
		01 Jul to 31 Jul	Revised STOA Margin due to, i) 50 MW increase in LTA quantum from APMPL_BHDLto MP ii) New approved LTA from TPREL to TPC MSEB iii) Discontinuation of MTOA of 58 MW from RUVNL to MP	NR_EXPORT
2	28 Apr	01 Jul to 31 Jul	Revised STOA margin due to (i) Operationalisation of new LTA quantum of 55 MW from NETRA_KOTDA_BHUJ_W to HARYANA (ii) Operationalisation of new LTA quantum of 200 MW from PVG_AdaniKANine to UPPCL (iii)Operationalisation of new LTA quantum of 25 MW from SHERISHA_RAIPUR_S to NCRALL (iv) Non-Availability of application in WBES of LTA quantum of 200 MW from SBG Cleantech Project Co. Five Pvt. Ltd. (SR-Pavagada) to UPPCL	WR-NR
		01 Jul to 31 Jul	Revised STOA margin due to (i) Increase in allocation quantum of 5 MW from BRBCL(Railway) to DELHI (ii) Decrease in allocation quantum of 30 MW from BRBCL(Railway) to Uttar Pradesh (NR RAILWAYS) (iii) Decrease in allocation quantum of 20 MW from BRBCL(Railway) to UTTAR PRADESH(UP -STU)	ER-NR
		01 Jul to 31 Jul	Revised STOA margin due to (i) Operationalisation of new LTA quantum of 16.8 MW from APRAAVA_KHKRDA_JAM_W to PONDY (ii) Operationalisation of new LTA quantum of 25 MW from SHERISHA_RAIPUR_S to SWR_IR_KPTCL	WR-SR
		01 Jul to 31 Jul	Revised STOA margin due to (i) Discontinuation of MTOA quantum of 102 MW from SEILP2 to Gujarat (ii) Discontinuation of allocation quantum of 100 MW from SR_ISGS to Uttarakhand	SR-WR
		01 Jul to 31 Jul	Revised STOA margin due to (i) Operationalisation of new LTA quantum of 55 MW from NETRA_KOTDA_BHUJ_W to HARYANA (ii) Operationalisation of new LTA quantum of 200 MW from PVG_AdaniKANine to UPPCL (iii)Operationalisation of new LTA quantum of 25 MW from SHERISHA_RAIPUR_S to NCRALL (iv) Non-Availability of application in WBES of LTA quantum of 200 MW from SBG Cleantech Project Co. Five Pvt. Ltd. (SR-Pavagada) to UPPCL (v) Increase in allocation quantum of 5 MW from BRBCL(Railway) to DELHI (vi) Decrease in allocation quantum of 30 MW from BRBCL(Railway) to Uttar Pradesh (NR RAILWAYS) (vii) Decrease in allocation quantum of 20 MW from BRBCL(Railway) to UTTAR PRADESH(UP -STU)	NR_IMPORT
3	28 May	01 Jul to 31 Jul	Revised STOA margin due to (i) Operationalisation of new LTA quantum of 16.8 MW from APRAAVA_KHKRDA_JAM_W to PONDY (ii) Operationalisation of new LTA quantum of 25 MW from SHERISHA_RAIPUR_S to SWR_IR_KPTCL	SR_IMPORT
		01 Jul to 31 Jul	Revised STOA margin due to (i) Discontinuation of MTOA quantum of 102 MW from SEILP2 to Gujarat (ii) Discontinuation of allocation quantum of 100 MW from SR_ISGS to Uttarakhand (iii) Decrease in allocation quantum of 50 MW from SR ISGS to Delhi (iv) Increase in LTA quantum of 200 MW from Sembcorp Energy India Limited to Bangladesh(ER)	SR_EXPORT
3	28 May	01 Jul to 31 Jul	Revised STOA margin due to operationalization of a) LTA of 87.3 MW from THEP to Haryana b) LTA of 86.4 MW from JLHEP to Haryana	ER-NR

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
		01 Jul to 31 Jul	Revised STOA margin due to Increase in the LTA quantum by 9.3 MW from APRAAVA_KHKRDA_JAM_Wind to Puducherry	WR-SR
		01 Jul to 31 Jul	Revised STOA margin due to operationalization of a) LTA of 87.3 MW from THEP to Haryana b) LTA of 86.4 MW from JLHEP to Haryana	NR_IMPORT
		01 Jul to 31 Jul	Revised STOA margin due to Increase in the LTA quantum by 9.3 MW from APRAAVA_KHKRDA_JAM_Wind to Puducherry	SR_IMPORT
4	23 Jun	01 Jul to 31 Jul	Due to Change in Load - Generation Scenarios	NR-ER
5	28 Jun	01 Jul to 31 Jul	Revised STOA margin due to, 1. Operationalization of LTA of 180 MW from SEISPPL_MP to TPDDL 2. Operationalization of LTA of 56.7 MW from Torrent_Sidpur_Jam_W to Haryana 3. Increase in the LTA quantum by 18.9 MW from SRIJAN_MORJAR_BHJ2_W to BRPL 4. Increase in the LTA quantum by 14.5 MW from SITAC_CHUGGER_BHJ2_W to BRPL 5. Increase in the LTA quantum by 14.5 MW from SITAC_CHUGGER_BHJ2_W to BYPL 6. Increase in the LTA quantum by 14.5 MW from AWEKFL to UPPCL 7. Decrease in the LTA quantum by 235 MW from APL, Mundra to Haryana	WR-NR
		01 Jul to 31 Jul	Revised STOA margin due to, 1. Operationalization of LTA of 91.7 MW from MASAYA_BWSPRA_KNDW_S to TSSPDCL 2. Operationalization of LTA of 56.7 MW from MASAYA_BWSPRA_KNDW_S to TSNPDCL 3. Operationalization of LTA of 91.7 MW from MASAYA_BWSPRA_KNDW_S to TSSPDCL 4.Operationalization of LTA of 56.7 MW from MASAYA_BWSPRA_KNDW_S to TSNPDCL	WR-SR
		01 Jul to 31 Jul	1. Due to change in LGB with decreasing demand in Western region and Maharashtra 2. Reconductoring of 400 kV Kolhapur (PG) - Kolhapur (MS) - 1 with high ampacity HTLS conductor and reliable operation 3. Operationalization of bus-split at 400 kV Raigarh-PS (Kotra) station	SR-WR
		01 Jul to 31 Jul	Due to change in LGB in NER region	ER-NER
		01 Jul to 31 Jul	Due to change in LGB in NER region	NER-ER
		01 Jul to 31 Jul	Revised STOA margin due to, 1. Operationalization of LTA of 180 MW from SEISPPL_MP to TPDDL 2. Operationalization of LTA of 56.7 MW from Torrent_Sidpur_Jam_W to Haryana 3. Increase in the LTA quantum by 18.9 MW from SRIJAN_MORJAR_BHJ2_W to BRPL 4. Increase in the LTA quantum by 14.5 MW from SITAC_CHUGGER_BHJ2_W to BRPL 5. Increase in the LTA quantum by 14.5 MW from SITAC_CHUGGER_BHJ2_W to BYPL 6. Increase in the LTA quantum by 14.5 MW from AWEKFL to UPPCL 7. Decrease in the LTA quantum by 235 MW from APL, Mundra to Haryana	NR_IMPORT
		01 Jul to 31 Jul	Due to change in LGB in NER region	NER_IMPORT
		01 Jul to 31 Jul	Revised STOA margin due to, 1. Operationalization of LTA of 91.7 MW from MASAYA_BWSPRA_KNDW_S to TSSPDCL 2. Operationalization of LTA of 56.7 MW from MASAYA_BWSPRA_KNDW_S to TSNPDCL 3. Operationalization of LTA of 91.7 MW from MASAYA_BWSPRA_KNDW_S to TSSPDCL 4.Operationalization of LTA of 56.7 MW from MASAYA_BWSPRA_KNDW_S to TSNPDCL	SR_IMPORT
		01 Jul to 31 Jul	Due to change in LGB in NER region	NER_EXPORT
		01 Jul to 31 Jul	1. Due to change in LGB with decreasing demand in Western region and Maharashtra 2. Reconductoring of 400 kV Kolhapur (PG) - Kolhapur (MS) - 1 with high ampacity HTLS conductor and reliable operation 3. Operationalization of bus-split at 400 kV Raigarh-PS (Kotra) station	SR_EXPORT
6	03 Jul	04 Jul to 07 Jul	TTC/ATC Revised due to the forced outage of HVDC Talcher - Kolar Pole - 1	ER-SR
		04 Jul to 07 Jul	TTC/ATC Revised due to the forced outage of HVDC Talcher - Kolar Pole - 1	SR_IMPORT
7	06 Jul	08 Jul to 08 Jul	TTC/ATC Revised due to the shutdown of 765KV/400KV MAHESHWARAM_PG-ICT-2	WR-SR
		08 Jul to 08 Jul	TTC/ATC Revised due to the shutdown of 765KV/400KV MAHESHWARAM_PG-ICT-2	ER-SR
		08 Jul to 08 Jul	TTC/ATC Revised due to the shutdown of 765KV/400KV MAHESHWARAM_PG-ICT-2	SR_IMPORT
8	08 Jul	09 Jul to 31 Jul	Both modules of OTPC are online	ER-NER
		09 Jul to 31 Jul	Both modules of OTPC are online	NER-ER
		09 Jul to 31 Jul	Both modules of OTPC are online	NER_IMPORT
		09 Jul to 31 Jul	Both modules of OTPC are online	NER_EXPORT
9	12 Jul	14 Jul to 14 Jul	Due to the shutdown of 400KV-JEYPORE-GAJUWAKA-1	WR-SR

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
		14 Jul to 14 Jul	Due to the shutdown of 400KV-JEYPORE-GAJUWAKA-1	ER-SR
		14 Jul to 14 Jul	Due to the shutdown of 400KV-JEYPORE-GAJUWAKA-1	SR_IMPORT
10	13 Jul	14 Jul to 14 Jul	Due to deferment of shutdown of 400KV-JEYPORE-GAJUWAKA-1	WR-SR
		14 Jul to 14 Jul	Due to deferment of shutdown of 400KV-JEYPORE-GAJUWAKA-1	ER-SR
		14 Jul to 14 Jul	Due to deferment of shutdown of 400KV-JEYPORE-GAJUWAKA-1	SR_IMPORT
11	16 Jul	18 Jul to 18 Jul	TTC/ATC revised due to shutdown of 400 kV Bongaigaon - Brynihat	ER-NER
		18 Jul to 18 Jul	TTC/ATC revised due to shutdown of 400 kV Bongaigaon - Brynihat	NER_IMPORT
12	18 Jul	20 Jul to 20 Jul	TTC/ATC curtailed due to shutdown of 400KV-JEYPORE-GAJUWAKA-1	WR-SR
		20 Jul to 20 Jul	TTC/ATC curtailed due to shutdown of 400KV-JEYPORE-GAJUWAKA-1	ER-SR
		20 Jul to 20 Jul	TTC/ATC curtailed due to shutdown of 400KV-JEYPORE-GAJUWAKA-1	SR_IMPORT
13	19 Jul	21 Jul to 21 Jul	TTC/ATC curtailed due to shutdown of 400KV-JEYPORE-GAJUWAKA-2	WR-SR
		21 Jul to 21 Jul	TTC/ATC curtailed due to shutdown of 400KV-JEYPORE-GAJUWAKA-2	ER-SR
		21 Jul to 21 Jul	TTC/ATC curtailed due to shutdown of 400KV-JEYPORE-GAJUWAKA-2	SR_IMPORT
14	20 Jul	22 Jul to 22 Jul	TTC/ATC revised due to multiple shutdown at Maithon station.	WR-NR
		22 Jul to 22 Jul	TTC/ATC revised due to multiple shutdown at Maithon station.	NR-ER
		22 Jul to 22 Jul	TTC/ATC revised due to multiple shutdown at Maithon station.	WR-ER
		22 Jul to 22 Jul	TTC/ATC revised due to multiple shutdown at Maithon station.	ER-NR
		22 Jul to 22 Jul	TTC/ATC curtailed due to shutdown of 400kV Bongaigaon - Azara TL	ER-NER
		22 Jul to 22 Jul	TTC/ATC revised due to multiple shutdown at Maithon station.	NR_IMPORT
		22 Jul to 22 Jul	TTC/ATC curtailed due to shutdown of 400kV Bongaigaon - Azara TL	NER_IMPORT
15	23 Jul	24 Jul to 31 Jul	AP is not able to operate HVDC Mundra in WR-NR direction	WR-NR
		24 Jul to 31 Jul	AP is not able to operate HVDC Mundra in WR-NR direction	ER-NR
		24 Jul to 31 Jul	AP is not able to operate HVDC Mundra in WR-NR direction	NR_IMPORT

BASECASE LGBR					
S.No.	Name of State/Region	Load		Month:	July'23
		Peak Load (MW)	Off Peak Load (MW)	Generation	
				Peak (MW)	Off Peak (MW)
I	NORTHERN REGION				
1	Punjab	6187	4320	4431	2467
2	Haryana	6301	4633	2327	2029
3	Rajasthan	14634	8276	8964	6149
4	Delhi	4138	1632	530	506
5	Uttar Pradesh	15439	10852	10732	7505
6	Uttarakhand	1894	1473	383	297
7	Himachal Pradesh	1707	1017	546	240

8	Jammu & Kashmir	2488	2157	236	227
9	Chandigarh	197	89	0	0
10	ISGS/IPPs	53	52	21207	9340
	Total NR	53038	34501	49356	28761
II	EASTERN REGION				
1	Bihar	4303	3220	484	409
2	Jharkhand	1498	1268	436	409
3	Damodar Valley Corporation	3224	3002	5182	4218
4	Odisha	5447	4870	3217	2628
5	West Bengal	5848	4471	5542	4582
6	Sikkim	103	55	0	0
7	Bhutan	57	56	107	68
8	ISGS/IPPs	748	698	14253	11518
	Total ER	21230	17642	29221	23833
III	WESTERN REGION				
1	Maharashtra	24497	17173	16678	12825
2	Gujarat	18565	15139	8330	8534
3	Madhya Pradesh	15672	9581	6140	4836
4	Chattisgarh	4723	3510	2439	2625
5	Daman and Diu	0	0	0	0
6	Dadra and Nagar Haveli	903	910	0	0
7	Goa-WR	538	427	0	0
8	ISGS/IPPs	5326	4186	46483	31327
	Total WR	70222	50926	80070	60147
IV	SOUTHERN REGION				
1	Andhra Pradesh	10976	7444	6488	4721
2	Telangana	12210	9955	7160	4955
3	Karnataka	13204	8407	7228	5718
4	Tamil Nadu	16464	13330	9475	5630
5	Kerala	3474	3023	1037	583
6	Pondy	385	377	0	0
7	Goa-SR	90	88	0	0
8	ISGS/IPPs	0	0	19219	15358
	Total SR	56804	42625	50606	36964
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	123	94	7	7
2	Assam	1193	1068	289	292
3	Manipur	188	118	0	0
4	Meghalaya	367	288	100	24
5	Mizoram	92	63	33	54
6	Nagaland	160	162	18	17
7	Tripura	214	229	164	159
8	ISGS/IPPs	0	0	2248	2153
	Total NER	2338	2022	2859	2707
	Total All India	203632	147716	212112	152412