

National Load Despatch Centre Total Transfer Capability for Jul 2024									
Issue Date:Jul 13 2024				Issue Time:14:45:04				Revision No :23	
Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Approved GNA(MW)	Margin for T-GNA (MW)	Changes w.r.t. Previous Revision	Comment
ER-NER	01 Jul to 04 Jul	00:00 to 18:00	1025	60	965	NA		0	
		18:00 to 22:00	680	60	620	NA		0	
		22:00 to 24:00	1025	60	965	NA		0	
	05 Jul to 31 Jul	00:00 to 18:00	2025	60	1965	NA		0	
		18:00 to 22:00	1680	60	1620	NA		0	
		22:00 to 24:00	2025	60	1965	NA		0	
ER-NR	01 Jul to 06 Jul	00:00 to 24:00	6700	400	6300	NA		0	
	07 Jul to 07 Jul	00:00 to 05:00	6700	400	6300	NA		0	
		05:00 to 24:00	6000	400	5600	NA		0	
	08 Jul to 31 Jul	00:00 to 24:00	6700	400	6300	NA		0	
ER-SR	01 Jul to 03 Jul	00:00 to 24:00	6200	350	5850	NA		0	
	04 Jul to 07 Jul	00:00 to 24:00	5975	350	5625	NA		0	
	08 Jul to 08 Jul	00:00 to 08:00	5975	350	5625	NA		0	
		08:00 to 24:00	5775	350	5425	NA		0	
	09 Jul to 31 Jul	00:00 to 24:00	6200	350	5850	NA		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 31 Jul	00:00 to 18:00	3200	60	3140	NA		0	
		18:00 to 22:00	3200	60	3140	NA		0	
		22:00 to 24:00	3200	60	3140	NA		0	
NR-ER	01 Jul to 31 Jul	00:00 to 06:00	4000	300	3700	NA		0	
		06:00 to 18:00	4000	300	3700	NA		0	
		18:00 to 24:00	4000	300	3700	NA		0	
NR-WR	01 Jul to 01 Jul	00:00 to 06:00	6700	500	6200	NA		0	
		06:00 to 08:00	6700	500	6200	NA		0	

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Approved GNA(MW)	Margin for T-GNA (MW)	Changes w.r.t. Previous Revision	Comment
		08:00 to 18:00	4600	500	4100	NA		0	
		18:00 to 24:00	4600	500	4100	NA		0	
	02 Jul to 07 Jul	00:00 to 24:00	6700	500	6200	NA		0	
	08 Jul to 08 Jul	00:00 to 17:00	6700	500	6200	NA		0	
		17:00 to 24:00	5800	500	5300	NA		0	
	09 Jul to 10 Jul	00:00 to 24:00	6700	500	6200	NA		0	
	11 Jul to 11 Jul	00:00 to 08:00	6700	500	6200	NA		0	
		08:00 to 24:00	6450	500	5950	NA		0	
	12 Jul to 12 Jul	00:00 to 08:00	6700	500	6200	NA		0	
		08:00 to 24:00	6450	500	5950	NA		0	
	13 Jul to 13 Jul	00:00 to 08:00	6700	500	6200	NA		0	
		08:00 to 24:00	6450	500	5950	NA		0	
	14 Jul to 14 Jul	00:00 to 24:00	6700	500	6200	NA		0	
	15 Jul to 15 Jul	00:00 to 08:00	6700	500	6200	NA		0	
		08:00 to 24:00	6450	500	5950	NA		-250	Due to shutdown CHITTORGARH(PG)-NEEMUCH(MP) CKT-1
	16 Jul to 31 Jul	00:00 to 24:00	6700	500	6200	NA		0	
SR-ER	01 Jul to 31 Jul	00:00 to 24:00	No limit is being specified.						
SR-WR	01 Jul to 07 Jul	00:00 to 06:00	6000	650	5350	NA		0	
		06:00 to 18:00	7650	650	7000	NA		0	
		18:00 to 24:00	6000	650	5350	NA		0	
	08 Jul to 08 Jul	00:00 to 06:00	7500	650	6850	NA		0	
		06:00 to 08:00	7500	650	6850	NA		0	
		08:00 to 18:00	7500	650	6850	NA		0	
		18:00 to 24:00	7500	650	6850	NA		0	
	09 Jul to 09 Jul	00:00 to 06:00	6000	650	5350	NA		0	
		06:00 to 08:00	7650	650	7000	NA		0	
		08:00 to 18:00	7250	650	6600	NA		0	

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Approved GNA(MW)	Margin for T-GNA (MW)	Changes w.r.t. Previous Revision	Comment	
	10 Jul to 10 Jul	18:00 to 24:00	5600	650	4950	NA		0		
		00:00 to 06:00	6000	650	5350	NA		0		
		06:00 to 18:00	7650	650	7000	NA		0		
		18:00 to 24:00	6000	650	5350	NA		0		
	11 Jul to 11 Jul	00:00 to 06:00	6000	650	5350	NA		0		
		06:00 to 07:00	7650	650	7000	NA		0		
		07:00 to 18:00	7250	650	6600	NA		0		
		18:00 to 24:00	5600	650	4950	NA		0		
	12 Jul to 31 Jul	00:00 to 06:00	6900	650	6250	NA		0		
		06:00 to 18:00	6900	650	6250	NA		0		
		18:00 to 24:00	6900	650	6250	NA		0		
	W3 Injection	01 Jul to 31 Jul	00:00 to 24:00	NA	NA		NA	0		
W3-ER	01 Jul to 31 Jul	00:00 to 24:00	No limit is being specified.							
WR-ER	01 Jul to 31 Jul	00:00 to 06:00	5500	300	5200	NA		0		
		06:00 to 18:00	5500	300	5200	NA		0		
		18:00 to 24:00	5500	300	5200	NA		0		
WR-NR	01 Jul to 06 Jul	00:00 to 09:00	22350	1000	21350	NA		0		
		09:00 to 16:00	18050	1000	17050	NA		0		
		16:00 to 24:00	22350	1000	21350	NA		0		
	07 Jul to 07 Jul	00:00 to 05:00	22350	1000	21350	NA		0		
		05:00 to 09:00	17250	1000	16250	NA		0		
		09:00 to 16:00	12950	1000	11950	NA		0		
		16:00 to 24:00	17250	1000	16250	NA		0		
	08 Jul to 31 Jul	00:00 to 09:00	22350	1000	21350	NA		0		
		09:00 to 16:00	18050	1000	17050	NA		0		
		16:00 to 24:00	22350	1000	21350	NA		0		
	WR-SR	01 Jul to 01 Jul	00:00 to 06:00	16100	650	15450	NA		0	
			06:00 to 09:00	16100	650	15450	NA		0	
09:00 to 18:00			15900	650	15250	NA		0		

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Approved GNA(MW)	Margin for T-GNA (MW)	Changes w.r.t. Previous Revision	Comment
		18:00 to 24:00	15900	650	15250	NA		0	
	02 Jul to 07 Jul	00:00 to 24:00	15900	650	15250	NA		0	
	08 Jul to 08 Jul	00:00 to 08:00	15900	650	15250	NA		0	
		08:00 to 24:00	10100	650	9450	NA		0	
	09 Jul to 20 Jul	00:00 to 24:00	15900	650	15250	NA		0	
	21 Jul to 31 Jul	00:00 to 24:00	16100	650	15450	NA		0	

- Based on the actual distribution of corridor flows, Counter flow benefit on account of 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
- 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) NTPC Korba I, II & III, j) NTPC Sipat I & II, k) KSK Mahanadi, l) DB Power, m) REGL (Previously KWPC), n) RKM, o) REL, p) Bharat Aluminium, q) MCCPL, r) SKS, s) TRN, t) NTPC Lara, u) Adani Power Limited Raipur and any other regional entity generator in Chhattisgarh
- The figure is based on GNA approved by CTU. In actual Operation, due to Units being on Maintenance/ Fuel shortage/New units being commissioned, the dispatches of units 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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- POWERGRID vide communication dated 21st June 2024 has given assurance that HVDC Champa-Kurukshetra link is in healthy condition and can be reliably operated up to its rated capacity of 6000 MW based on system requirement. Based on this, TTC/ATC of WR-NR/NR Import corridor has been declared considering both bipoles of HVDC Champa-Kurukshetra.
- HVDC Raigarh-Pugalur (WR-SR) Bipole-1 and Bipole-2 power order has kept at 1050 MW and 0 MW respectively considering GNA quantum of generators connected at 400 kV Kotra (Raigarh-PS) section-B while TTC/ATC computation of SR-WR/SR Export corridor.
- HVDC Talcher-Kolar (ER-SR) could be reduced minimum to setpoint of 1700 MW only due to transmission outage of 400 KV Lapanga-Meramundli-D/C and bus split at 400 KV Jharsuguda-B. HVDC Gazuwaka (SR to ER) could be operate at maximum of 600 MW against the rated capacity of 1000 MW. The same have been considered while TTC/ATC computation of SR-WR/SR Export corridor.

### Simultaneous Import Capability

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Approved GNA(MW)	Margin for T-GNA (MW)	Changes 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 31 Jul	00:00 to 18:00	1525	60	1465	824	641	0	
		18:00 to 22:00	1180	60	1120	824	296	0	
		22:00 to 24:00	1525	60	1465	824	641	0	
NR	01 Jul to 06 Jul	00:00 to 09:00	25700	1400	24300	17344	6956	0	
		09:00 to 16:00	19250	1400	17850	17344	506	0	
		16:00 to 24:00	25700	1400	24300	17344	6956	0	
	07 Jul to 07 Jul	00:00 to 05:00	25700	1400	24300	17344	6956	0	
		05:00 to 09:00	19900	1400	18500	17344	1156	0	
		09:00 to 16:00	13450	1400	12050	0	12050	0	
	08 Jul to 31 Jul	16:00 to 24:00	19900	1400	18500	17344	1156	0	
		00:00 to 09:00	25700	1400	24300	17344	6956	0	
		09:00 to 16:00	19250	1400	17850	17344	506	0	
SR	01 Jul to 01 Jul	16:00 to 24:00	25700	1400	24300	17344	6956	0	
		00:00 to 06:00	22300	1000	21300	7601	13699	0	
		06:00 to 09:00	22300	1000	21300	7601	13699	0	

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Approved GNA(MW)	Margin for T-GNA (MW)	Changes w.r.t. Previous Revision	Comment
		09:00 to 18:00	22100	1000	21100	7601	13499	0	
		18:00 to 24:00	22100	1000	21100	7601	13499	0	
	02 Jul to 03 Jul	00:00 to 24:00	22100	1000	21100	7601	13499	0	
	04 Jul to 07 Jul	00:00 to 24:00	21875	1000	20875	7601	13274	0	
	08 Jul to 08 Jul	00:00 to 08:00	21875	1000	20875	7601	13274	0	
		08:00 to 24:00	15875	1000	14875	7601	7274	0	
	09 Jul to 20 Jul	00:00 to 24:00	22100	1000	21100	7601	13499	0	
21 Jul to 31 Jul	00:00 to 24:00	22300	1000	21300	7601	13699	0		
WR	01 Jul to 31 Jul	00:00 to 24:00	NA	NA		0	0	0	

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### Simultaneous Export Capability

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Approved GNA(MW)	Margin for T-GNA (MW)	Changes 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 31 Jul	00:00 to 18:00	3200	60	3140	NA		0	
		18:00 to 22:00	3200	60	3140	NA		0	
		22:00 to 24:00	3200	60	3140	NA		0	
NR	01 Jul to 01 Jul	00:00 to 06:00	6000	500	5500	NA		0	
		06:00 to 08:00	6000	500	5500	NA		0	
		08:00 to 18:00	3900	500	3400	NA		0	
		18:00 to 24:00	3900	500	3400	NA		0	
	02 Jul to 07 Jul	00:00 to 24:00	6000	500	5500	NA		0	
	08 Jul to 08 Jul	00:00 to 17:00	6000	500	5500	NA		0	
		17:00 to 24:00	5100	500	4600	NA		0	
09 Jul to 10 Jul	00:00 to 24:00	6000	500	5500	NA		0		

Corridor	Date	Time Period(hrs)	Total Transfer Capability(TTC)	Reliability Margin(RM)	Available Transfer Capability(ATC)	Approved GNA(MW)	Margin for T-GNA (MW)	Changes w.r.t. Previous Revision	Comment
	Jul								
	11 Jul to 11 Jul	00:00 to 06:00	6700	500	6200	NA		0	
		06:00 to 08:00	7800	500	7300	NA		0	
		08:00 to 18:00	7550	500	7050	NA		0	
		18:00 to 24:00	6450	500	5950	NA		0	
	12 Jul to 12 Jul	00:00 to 06:00	6700	500	6200	NA		0	
		06:00 to 08:00	7800	500	7300	NA		0	
		08:00 to 18:00	7550	500	7050	NA		0	
		18:00 to 24:00	6450	500	5950	NA		0	
	13 Jul to 13 Jul	00:00 to 06:00	6700	500	6200	NA		0	
		06:00 to 08:00	7800	500	7300	NA		0	
		08:00 to 18:00	7550	500	7050	NA		0	
		18:00 to 24:00	6450	500	5950	NA		0	
	14 Jul to 14 Jul	00:00 to 06:00	6700	500	6200	NA		0	
		06:00 to 18:00	7800	500	7300	NA		0	
		18:00 to 24:00	6700	500	6200	NA		0	
	15 Jul to 15 Jul	00:00 to 06:00	6700	500	6200	NA		0	
		06:00 to 08:00	7800	500	7300	NA		0	
		08:00 to 18:00	7550	500	7050	NA		-250	Due to shutdown CHITTORGARH(PG)-NEEMUCH(MP) CKT-1
		18:00 to 24:00	6450	500	5950	NA		-250	
	16 Jul to 31 Jul	00:00 to 06:00	6700	500	6200	NA		0	
		06:00 to 18:00	7800	500	7300	NA		0	
		18:00 to 24:00	6700	500	6200	NA		0	
SR	01 Jul to 07 Jul	00:00 to 06:00	5150	650	4500	NA		0	
		06:00 to 18:00	6600	650	5950	NA		0	
		18:00 to 24:00	5150	650	4500	NA		0	
	08 Jul to 08 Jul	00:00 to 06:00	6000	650	5350	NA		0	
		06:00 to 08:00	6000	650	5350	NA		0	
		08:00 to 18:00	6000	650	5350	NA		0	
		18:00 to 24:00	6000	650	5350	NA		0	

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	09 Jul to 09 Jul	00:00 to 06:00	5150	650	4500	NA		0	
		06:00 to 08:00	6600	650	5950	NA		0	
		08:00 to 18:00	6200	650	5550	NA		0	
		18:00 to 24:00	4750	650	4100	NA		0	
	10 Jul to 10 Jul	00:00 to 06:00	5150	650	4500	NA		0	
		06:00 to 18:00	6600	650	5950	NA		0	
		18:00 to 24:00	5150	650	4500	NA		0	
	11 Jul to 11 Jul	00:00 to 06:00	5150	650	4500	NA		0	
		06:00 to 07:00	6600	650	5950	NA		0	
		07:00 to 18:00	6200	650	5550	NA		0	
		18:00 to 24:00	4750	650	4100	NA		0	
	12 Jul to 31 Jul	00:00 to 06:00	5400	650	4750	NA		0	
06:00 to 18:00		5400	650	4750	NA		0		
18:00 to 24:00		5400	650	4750	NA		0		
WR	01 Jul to 31 Jul	00:00 to 24:00	NA	NA		NA		0	

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## Limiting Constraints

Corridor	Constraints	Revisions
WR-NR	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	0-7,9-10-11,12-13-14,15-16,18-19-20,21-22-23
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	0-7,9-10-11,12-13-14,15-16,18-

Corridor	Constraints	Revisions
		19-20,21-22-23
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	0-7,9-10-11,12-13-14,15-16,18-19-20,21-22-23
ER-NR	Inter-regional flow pattern towards NR	0-7,9-10-11,12-13-14,15-16,18-19-20,21-22-23
WR-SR	Outage of any one of the 2x1500 MVA, 765/400 kV ICTs at Maheswaram overloads the other ICT	0-7,9-10-11,12-13-14,15-16,18-19-20,21-22-23
ER-SR	1. Low Voltage at Gazuwaka (East) Bus.	0-7,9-10-11,12-13-14,15-16,18-19-20,21-22-23
SR-WR	a) Angular separation between Kudgi & Kolhapur (PG) under N-1 of 400 kV Kudgi - Kolhapur (PG) D/C touches 30 deg b) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– B at Raigarh -PS (Kotra) with reduction in power order of HVDC Raigarh – Pugalur Bipole – I (WR to SR) c) N-1 Contingency of 400 kV Pune – Kalwa will overload 400 kV Pune -Khargar and vice-versa. d) Restriction in reduction of power order of HVDC Talcher-Kolar( ER to SR) to setpoint of 1700 MW only due to transmission outage of 400 KV Lapanga- Meramundli-D/C and bus split at 400 KV Jharsuguda-B. e) Restriction in power order of HVDC Gazuwaka( SR to ER) to maximum set point of 600 MW only against the rated capacity of 1000 MW	0-7,9-10-11,12-13-14,15-16,18-19-20,21-22-23
ER-NER	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Balipara-Sonabil D/C	0-7,9-10-11,12-13-14,15-16,18-19-20,21-22-23
NER-ER	a) N-1 contingency of 400 kV Bongaigaon-Alipurduar I or II b) High Loading of 400 kV Bongaigaon-Alipurduar II or I	0-7,9-10-11,12-13-14,15-16,18-19-20,21-22-23
NR_IMPORT	N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit	0-7,9-10-11,12-13-14,15-16,18-19-20,21-22-23
NR_EXPORT	Outage of any one of the two circuits from 400 kV Kankroli to 400 kV Zerda shall overload the other circuit.	0-7,9-10-11,12-13-14,15-16,18-19-20,21-22-23
NER_IMPORT	a) N-1 contingency of 400 kV Bongaigaon - Azara line b) High Loading of 220 kV Balipara-Sonabil D/C	0-7,9-10-11,12-13-14,15-16,18-19-20,21-22-23
NER_EXPORT	a) N-1 contingency of 400 kV Bongaigaon-Alipurduar I or II b) High Loading of 400 kV Bongaigaon-Alipurduar II or I	0-7,9-10-11,12-13-14,15-16,18-19-20,21-22-23
SR_IMPORT	1. Outage of any one of the 2x1500 MVA, 765/400 kV ICTs at Maheswaram overloads the other ICT 2. Low Voltage at Gazuwaka (East) Bus	0-7,9-10-11,12-13-14,15-16,18-19-20,21-22-23
SR_EXPORT	a) Angular separation between Kudgi & Kolhapur (PG) under N-1 of 400 kV Kudgi - Kolhapur (PG) D/C touches 30 deg b) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– B at Raigarh -PS (Kotra) with reduction in power order of HVDC Raigarh – Pugalur Bipole – I (WR to SR) c) N-1 Contingency of 400 kV Pune – Kalwa will overload 400 kV	0-7,9-10-11,12-13-14,15-16,18-



Corridor	Constraints	Revisions
	Pune -Khargar and vice-versa. d) Restriction in reduction of power order of HVDC Talcher-Kolar( ER to SR) to setpoint of 1700 MW only due to transmission outage of 400 KV Lapanga- Meramundli-D/C and bus split at 400 KV Jharsuguda-B. e) Restriction in power order of HVDC Gazuwaka( SR to ER) to maximum set point of 600 MW only against the rated capacity of 1000 MW	19-20,21-22-23

## Revision Summary

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
1	28 Dec	01 Jul to 31 Jul	Change in T-GNA Margin due to grant of additional 174 MW GNA to Uttar Pradesh from outside Northern Region	NR_IMPORT
		01 Jul to 31 Jul	Change in T-GNA Margin due to grant of additional 55 MW GNA to Mizoram from outside North Eastern Region	NER_IMPORT
2	26 Jan	01 Jul to 31 Jul	TTC/ATC revised in view of change in load generation balance and inter-regional flow pattern towards NR	WR-NR
		01 Jul to 31 Jul	TTC/ATC revised in view of change in load generation balance and inter-regional flow pattern towards NR	ER-NR
		01 Jul to 31 Jul	TTC/ATC increased with the Commissioning of 765/400 kv, 1500 MVA ICT - 3 at Nizamabad and Change in LGB	WR-SR
		01 Jul to 31 Jul	TTC/ATC increased with the Commissioning of 765/400 kv, 1500 MVA ICT - 3 at Nizamabad and Change in LGB	ER-SR
		01 Jul to 31 Jul	TTC/ATC revised in view of change in load generation balance and inter-regional flow pattern towards NR	NR_IMPORT
		01 Jul to 31 Jul	TTC/ATC increased with the Commissioning of 765/400 kv, 1500 MVA ICT - 3 at Nizamabad and Change in LGB	SR_IMPORT
3	28 Feb	01 Jul to 31 Jul	Revised T-GNA margin due to approval of 500 MW GNA for Andhra Pradesh from Outside Southern Region	SR_IMPORT
4	28 Mar	01 Jul to 31 Jul	Enhancement in TTC due to Bypassing of 400 kv Kankroli - Bhinmal and 400 kv Bhinmal - Zerda at Bhinmal - PG (Temporary Arrangement) & revival of 400 KV Jodhpur-Kankroli-S/C after reconductoring	NR-WR
		01 Jul to 31 Jul	Enhancement in TTC due to Bypassing of 400 kv Kankroli - Bhinmal and 400 kv Bhinmal - Zerda at Bhinmal - PG (Temporary Arrangement) & revival of 400 KV Jodhpur-Kankroli-S/C after reconductoring	NR_EXPORT
5	28 Apr	01 Jul to 31 Jul	1. Revised T-GNA margin due to approval of 6.54 MW GNA for Arunachal Pradesh from Outside North-Eastern Region. 2. Revised T-GNA margin due to approval of 371 MW GNA for Assam from Outside North-Eastern Region	NER_IMPORT
		01 Jul to 31 Jul	Revised T-GNA margin due to approval of 25 MW GNA for Goa from Outside Western Region	WR_IMPORT
		01 Jul to 31 Jul	Revised T-GNA margin due to approval of 500 MW GNA for Karnataka from Outside Southern Region	SR_IMPORT
		01 Jul to 31 Jul	Revised T-GNA margin due to approval of 24 MW GNA for West Bengal from Outside Eastern Region	ER_IMPORT
6	28 Jun	01 Jul to 31 Jul	TTC/ATC revised due to change in LGB	NR-WR
		01 Jul to 31 Jul	TTC/ATC revised due to 1. Assurance received from POWERGRID vide communication dated 21st June 2024 stating that HVDC Champa-Kurukshetra link is in healthy condition and can be reliably operated up to its rated capacity of 6000 MW. 2. Change in load generation balance and inter-regional flow pattern since previous revision. 3. Full availability of HVDC Mundra - Mahendragarh Bipole to its rated capacity	WR-NR
		01 Jul to 31 Jul	TTC/ATC revised due to 1. Assurance received from POWERGRID vide communication dated 21st June 2024 stating that HVDC Champa-Kurukshetra link is in healthy condition and can be reliably operated up to its rated capacity of 6000 MW. 2. Change in load generation balance and inter-regional flow pattern since previous revision. 3. Full availability of HVDC Mundra - Mahendragarh Bipole to its rated capacity	NR_IMPORT
7	29 Jun	01 Jul to 01 Jul	TTC/ATC revised due to shutdown of 400 KV KANKROLI-ZERDA (PG) CKT-2	NR-WR
		01 Jul to 01 Jul	TTC/ATC revised due to shutdown of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	WR-SR
		01 Jul to 31 Jul	TTC/ATC revised due to shutdown of OPTC module and change in LGB	ER-NER
		01 Jul to 31 Jul	TTC/ATC revised due to shutdown of OPTC module and change in LGB	NER-ER

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
		01 Jul to 31 Jul	TTC/ATC revised due to shutdown of OPTC module and change in LGB	NER_IMPORT
		01 Jul to 01 Jul	TTC/ATC revised due to shutdown of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	SR_IMPORT
		01 Jul to 01 Jul	TTC/ATC revised due to shutdown of 400 KV KANKROLI-ZERDA (PG) CKT-2	NR_EXPORT
		01 Jul to 31 Jul	TTC/ATC revised due to shutdown of OPTC module and change in LGB	NER_EXPORT
8	02 Jul	04 Jul to 31 Jul	Due to restriction on the power order of HVDC Talcher - Kolar	ER-SR
		04 Jul to 20 Jul	Due to restriction on the power order of HVDC Talcher - Kolar	SR_IMPORT
9	02 Jul	04 Jul to 31 Jul	Due to restriction on the power order of HVDC Talcher - Kolar	ER-SR
		04 Jul to 20 Jul	Due to restriction on the power order of HVDC Talcher - Kolar	SR_IMPORT
10	03 Jul	05 Jul to 31 Jul	TTC/ATC revised due to reversal of HVDC Agra-BNC (NER to NR)	ER-NER
11	05 Jul	07 Jul to 07 Jul	Due to outage HVDC KURUKSHETRA-CHAMPA (PG) CKT-1,2,3 & 4	WR-NR
		07 Jul to 07 Jul	Due to outage HVDC KURUKSHETRA-CHAMPA (PG) CKT-1,2,3 & 4	ER-NR
		07 Jul to 07 Jul	Due to outage HVDC KURUKSHETRA-CHAMPA (PG) CKT-1,2,3 & 4	NR_IMPORT
12	06 Jul	08 Jul to 08 Jul	TTC/ATC revised due to shutdown of 765 KV AJMER-BHADLA_2 (PG) CKT-1 & 2	NR-WR
		08 Jul to 08 Jul	TTC/ATC revised due to shutdown of HVDC 800KV RAIGARH HVDC POLE 1,2,3 & 4	WR-SR
		08 Jul to 08 Jul	TTC/ATC revised due to shutdown of HVDC 800KV RAIGARH HVDC POLE 1,2,3 & 4	SR-WR
		08 Jul to 08 Jul	TTC/ATC revised due to shutdown of HVDC 800KV RAIGARH HVDC POLE 1,2,3 & 4	ER-SR
		08 Jul to 08 Jul	TTC/ATC revised due to shutdown of HVDC 800KV RAIGARH HVDC POLE 1,2,3 & 4	SR_IMPORT
		08 Jul to 08 Jul	TTC/ATC revised due to shutdown of 765 KV AJMER-BHADLA_2 (PG) CKT-1 & 2	NR_EXPORT
		08 Jul to 08 Jul	TTC/ATC revised due to shutdown of HVDC 800KV RAIGARH HVDC POLE 1,2,3 & 4	SR_EXPORT
13	06 Jul	08 Jul to 08 Jul	TTC/ATC revised due to shutdown of HVDC 800KV RAIGARH HVDC POLE 1,2,3 & 4 and LGB change	SR-WR
		08 Jul to 08 Jul	TTC/ATC revised due to shutdown of HVDC 800KV RAIGARH HVDC POLE 1,2,3 & 4 and LGB change	SR_EXPORT
14	07 Jul	09 Jul to 09 Jul	TTC/ATC revised due to shutdown of 765kV Pune - Sholapur line	SR-WR
		09 Jul to 09 Jul	TTC/ATC revised due to shutdown of 765kV Pune - Sholapur line	SR_EXPORT
15	08 Jul	09 Jul to 09 Jul	TTC/ATC revised due to shutdown of 765kV Pune - Sholapur line	SR-WR
		09 Jul to 31 Jul	Due to removal of restriction on HVDC Talcher-Kolar power order as per RTAMC Odisha	ER-SR
		09 Jul to 20 Jul	Due to removal of restriction on HVDC Talcher-Kolar power order as per RTAMC Odisha	SR_IMPORT
		09 Jul to 09 Jul	TTC/ATC revised due to shutdown of 765kV Pune - Sholapur line	SR_EXPORT
16	09 Jul	11 Jul to 11 Jul	TTC/ATC revised due to shutdown CHITTORGARH(PG)-NEEMUCH(MP)	NR-WR
		11 Jul to 11 Jul	TTC/ATC revised due to shutdown of 765kV Pune - Sholapur line	SR-WR
		11 Jul to 11 Jul	TTC/ATC revised due to shutdown CHITTORGARH(PG)-NEEMUCH(MP)	NR_EXPORT
		11 Jul to 11 Jul	TTC/ATC revised due to shutdown of 765kV Pune - Sholapur line	SR_EXPORT

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
17	10 Jul	12 Jul to 31 Jul	TTC/ATC revised due to 1. Change in LGB. 2. Restriction in reduction of power order of HVDC Talcher-Kolar (ER to SR) to setpoint of 1700 MW only due to outage of 400 KV Lapanga- Meramundli-D/C and bus split at 400 KV Jharsugusa-B. 3. Restriction in power order of HVDC Gazuwaka to maximum setpoint of 600 MW only against rated capacity of 1000 MW from SR to ER direction.	SR-WR
		12 Jul to 31 Jul	TTC/ATC revised due to 1. Change in LGB. 2. Restriction in reduction of power order of HVDC Talcher-Kolar (ER to SR) to setpoint of 1700 MW only due to outage of 400 KV Lapanga- Meramundli-D/C and bus split at 400 KV Jharsugusa-B. 3. Restriction in power order of HVDC Gazuwaka to maximum setpoint of 600 MW only against rated capacity of 1000 MW from SR to ER direction.	SR_EXPORT
18	10 Jul	12 Jul to 12 Jul	Due to shutdown CHITTORGARH(PG)-NEEMUCH(MP) CKT-1	NR-WR
		12 Jul to 12 Jul	Due to shutdown CHITTORGARH(PG)-NEEMUCH(MP) CKT-1	NR_EXPORT
19	10 Jul	12 Jul to 12 Jul	Due to shutdown CHITTORGARH(PG)-NEEMUCH(MP) CKT-1	NR-WR
		12 Jul to 12 Jul	Due to shutdown CHITTORGARH(PG)-NEEMUCH(MP) CKT-1	NR_EXPORT
21	11 Jul	13 Jul to 13 Jul	Due to shutdown CHITTORGARH(PG)-NEEMUCH(MP) CKT-1	NR-WR
		13 Jul to 13 Jul	Due to shutdown CHITTORGARH(PG)-NEEMUCH(MP) CKT-1	NR_EXPORT
22	13 Jul	14 Jul to 14 Jul	Due to shutdown CHITTORGARH(PG)-NEEMUCH(MP) CKT-1	NR-WR
		14 Jul to 14 Jul	Due to shutdown CHITTORGARH(PG)-NEEMUCH(MP) CKT-1	NR_EXPORT
23	13 Jul	15 Jul to 15 Jul	Due to shutdown CHITTORGARH(PG)-NEEMUCH(MP) CKT-1	NR-WR
		15 Jul to 15 Jul	Due to shutdown CHITTORGARH(PG)-NEEMUCH(MP) CKT-1	NR_EXPORT

ASSUMPTIONS IN BASECASE					
Month : July'24					
S.No.	Name of State/Area	Demand		Generation	
		Non-Solar Peak(MW)	Solar Peak (MW)	Non-Solar Peak(MW)	Solar Peak (MW)
I	NORTHERN REGION				
1	Punjab	7031	7510	4881	4940
2	Haryana	7418	7386	3037	3499
3	Rajasthan	13248	16311	8225	10042
4	Delhi	4405	5136	564	545
5	Uttar Pradesh	22062	18685	10734	11973
6	Uttarakhand	2375	2108	694	463
7	Himachal Pradesh	1985	1936	474	302
8	Jammu & Kashmir	3311	2984	264	206
9	Chandigarh	266	258	0	0
10	ISGS/IPPs	105	105	18638	22308
	Total NR	62206	62419	47511	54278
II	EASTERN REGION				
1	Bihar	5063	4065	464	458
2	Jharkhand	1407	1559	410	365
3	Damodar Valley Corporation	3416	3284	5273	5244
4	Orissa	5269	4919	3608	3496
5	West Bengal	7175	6925	6049	5781
6	Sikkim	116	109	0	0
7	Bhutan	32	50	107	228
8	ISGS/IPPs	928	917	18890	15263
	Total ER	23406	21828	34802	30835
III	WESTERN REGION				

1	Maharashtra	24878	25141	15943	16380
2	Gujarat	18292	17984	6324	6349
3	Madhya Pradesh	15567	16371	6053	6073
4	Chattisgarh	4447	4465	1823	1592
5	DD & DNH	984	867	0	0
6	Goa-WR	660	554	0	0
7	ISGS/IPPs	2463	1937	53004	49159
	Total WR	67290	67320	83147	79553
IV	SOUTHERN REGION				
1	Andhra Pradesh	8005	10681	6952	8203
2	Telangana	10834	14680	5212	6980
3	Karnataka	12118	15214	6579	9390
4	Tamil Nadu	16381	16743	6524	9609
5	Kerala	4221	3432	1510	340
6	Pondy	493	494	0	0
7	Goa-SR	109	109	0	0
8	ISGS/IPPs	0	0	19847	21748
	Total SR	52162	61353	46623	56270
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	166	101	0	0
2	Assam	1441	1146	275	428
3	Manipur	262	139	0	0
4	Meghalaya	471	350	144	12
5	Mizoram	171	141	33	8
6	Nagaland	158	120	15	7
7	Tripura	369	318	190	187
8	ISGS/IPPs	0	0	3308	2557
	Total NER	3038	2314	3964	3200
	Total All India	208065	215177	215925	223878