

National Load Despatch Centre Total Transfer Capability for Nov 2024										
Issue Date:Nov 17 2024				Issue Time:17:57:02				Revision No :24		
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 Nov to 04 Nov	00:00 to 17:00	2200	60	2140	NA		0		
		17:00 to 22:00	1700	60	1640	NA		0		
		22:00 to 24:00	2200	60	2140	NA		0		
	05 Nov to 10 Nov	00:00 to 17:00	2290	60	2230	NA		0		
		17:00 to 22:00	1790	60	1730	NA		0		
		22:00 to 24:00	2290	60	2230	NA		0		
	11 Nov to 11 Nov	00:00 to 08:00	2290	60	2230	NA		0		
		08:00 to 17:00	2040	60	1980	NA		0		
		17:00 to 22:00	1540	60	1480	NA		0		
		22:00 to 24:00	2040	60	1980	NA		0		
	12 Nov to 13 Nov	00:00 to 17:00	1580	60	1520	NA		0		
		17:00 to 22:00	1100	60	1040	NA		0		
		22:00 to 24:00	1580	60	1520	NA		0		
	14 Nov to 15 Nov	00:00 to 17:00	1580	60	1520	NA		0		
		17:00 to 22:00	880	60	820	NA		0		
		22:00 to 24:00	1580	60	1520	NA		0		
	16 Nov to 30 Nov	00:00 to 17:00	2200	60	2140	NA		0		
		17:00 to 22:00	1480	60	1420	NA		0		
		22:00 to 24:00	2200	60	2140	NA		0		
	ER-NR	01 Nov to 01 Nov	00:00 to 08:00	6700	400	6300	NA		0	
			08:00 to 24:00	6050	400	5650	NA		0	
		02 Nov to 13 Nov	00:00 to 24:00	6700	400	6300	NA		0	
		14 Nov to 14 Nov	00:00 to 07:00	6700	400	6300	NA		0	
			07:00 to 24:00	6450	400	6050	NA		0	
15 Nov to 17 Nov		00:00 to 24:00	6700	400	6300	NA		0		
18 Nov to 18 Nov		00:00 to 07:00	6700	400	6300	NA		0		
		07:00 to 08:00	6450	400	6050	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
	19 Nov to 19 Nov	08:00 to 24:00	6300	400	5900	NA		0	
		00:00 to 09:00	6700	400	6300	NA		0	
		09:00 to 24:00	6550	400	6150	NA		-150	TTC/ATC curtailed due to shutdown of 765KV-GWALIOR-JAIPUR-1
	20 Nov to 30 Nov	00:00 to 24:00	6700	400	6300	NA		0	
ER-SR	01 Nov to 14 Nov	00:00 to 24:00	6200	350	5850	NA		0	
	15 Nov to 15 Nov	00:00 to 09:00	6200	350	5850	NA		0	
		09:00 to 24:00	6000	350	5650	NA		0	
	16 Nov to 16 Nov	00:00 to 09:00	6200	350	5850	NA		0	
		09:00 to 24:00	6000	350	5650	NA		0	
	17 Nov to 17 Nov	00:00 to 08:00	6200	350	5850	NA		0	
		08:00 to 24:00	6150	350	5800	NA		0	
	18 Nov to 20 Nov	00:00 to 24:00	6150	350	5800	NA		0	
21 Nov to 30 Nov	00:00 to 24:00	6200	350	5850	NA		0		
ER-W3	01 Nov to 30 Nov	00:00 to 24:00	No limit is being specified.						
ER-WR	01 Nov to 30 Nov	00:00 to 24:00	NA	NA		NA		0	
NER-ER	01 Nov to 11 Nov	00:00 to 17:00	3250	60	3190	NA		0	
		17:00 to 22:00	3250	60	3190	NA		0	
		22:00 to 24:00	3250	60	3190	NA		0	
	12 Nov to 30 Nov	00:00 to 17:00	3250	60	3190	NA		0	
		17:00 to 22:00	3250	60	3190	NA		0	
		22:00 to 24:00	3250	60	3190	NA		0	
NR-ER	01 Nov to 30 Nov	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 Nov to 03 Nov	00:00 to 06:00	6000	500	5500	NA		0	
		06:00 to 18:00	6000	500	5500	NA		0	
		18:00 to 24:00	6000	500	5500	NA		0	

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	04 Nov to 04 Nov	00:00 to 08:00	6000	500	5500	NA		0	
		08:00 to 24:00	5550	500	5050	NA		0	
	05 Nov to 09 Nov	00:00 to 24:00	6000	500	5500	NA		0	
	10 Nov to 10 Nov	00:00 to 10:00	6000	500	5500	NA		0	
		10:00 to 24:00	5100	500	4600	NA		0	
	11 Nov to 18 Nov	00:00 to 24:00	6000	500	5500	NA		0	
	19 Nov to 19 Nov	00:00 to 15:00	6000	500	5500	NA		0	
		15:00 to 24:00	3900	500	3400	NA		-2100	TTC/ATC curtailed due to shutdown of 400KV-KANSARI-BHINMAL-KANKROLI 2
20 Nov to 30 Nov	00:00 to 24:00	6000	500	5500	NA		0		
SR-ER	01 Nov to 30 Nov	00:00 to 24:00	No limit is being specified.						
SR-WR	01 Nov to 16 Nov	00:00 to 06:00	7200	650	6550	NA		0	
		06:00 to 18:00	7100	650	6450	NA		0	
		18:00 to 24:00	7200	650	6550	NA		0	
	17 Nov to 17 Nov	00:00 to 06:00	7200	650	6550	NA		0	
		06:00 to 08:00	7100	650	6450	NA		0	
		08:00 to 18:00	6800	650	6150	NA		0	
		18:00 to 24:00	6900	650	6250	NA		0	
	18 Nov to 20 Nov	00:00 to 06:00	6900	650	6250	NA		0	
		06:00 to 18:00	6800	650	6150	NA		0	
		18:00 to 24:00	6900	650	6250	NA		0	
	21 Nov to 30 Nov	00:00 to 06:00	7200	650	6550	NA		0	
		06:00 to 18:00	7100	650	6450	NA		0	
18:00 to 24:00		7200	650	6550	NA		0		
W3 Injection	01 Nov to 30 Nov	00:00 to 24:00	NA	NA		NA	0		
W3-ER	01 Nov to 30 Nov	00:00 to 24:00	No limit is being specified.						
WR-ER	01 Nov to 30 Nov	00:00 to 06:00	5500	300	5200	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
		06:00 to 18:00	5500	300	5200	NA		0	
		18:00 to 24:00	5500	300	5200	NA		0	
WR-NR	01 Nov to 01 Nov	00:00 to 08:00	24800	1000	23800	NA		0	
		08:00 to 09:00	24100	1000	23100	NA		0	
		09:00 to 15:00	18750	1000	17750	NA		0	
		15:00 to 16:00	19850	1000	18850	NA		0	
		16:00 to 24:00	24100	1000	23100	NA		0	
	02 Nov to 04 Nov	00:00 to 09:00	24800	1000	23800	NA		0	
		09:00 to 15:00	19450	1000	18450	NA		0	
		15:00 to 16:00	20550	1000	19550	NA		0	
		16:00 to 24:00	24800	1000	23800	NA		0	
	05 Nov to 13 Nov	00:00 to 09:00	22350	1000	21350	NA		0	
		09:00 to 15:00	19050	1000	18050	NA		0	
		15:00 to 16:00	20550	1000	19550	NA		0	
		16:00 to 24:00	22350	1000	21350	NA		0	
	14 Nov to 14 Nov	00:00 to 07:00	22350	1000	21350	NA		0	
		07:00 to 09:00	21850	1000	20850	NA		0	
		09:00 to 15:00	18550	1000	17550	NA		0	
		15:00 to 16:00	20050	1000	19050	NA		0	
		16:00 to 24:00	21850	1000	20850	NA		0	
	15 Nov to 17 Nov	00:00 to 09:00	22350	1000	21350	NA		0	
		09:00 to 15:00	19050	1000	18050	NA		0	
		15:00 to 16:00	20550	1000	19550	NA		0	
		16:00 to 24:00	22350	1000	21350	NA		0	
	18 Nov to 18 Nov	00:00 to 07:00	22350	1000	21350	NA		0	
		07:00 to 08:00	21850	1000	20850	NA		0	
		08:00 to 09:00	21550	1000	20550	NA		0	
		09:00 to 15:00	18250	1000	17250	NA		0	
		15:00 to 16:00	19750	1000	18750	NA		0	
		16:00 to 24:00	21550	1000	20550	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
	19 Nov to 19 Nov	00:00 to 09:00	22350	1000	21350	NA		0	
		09:00 to 15:00	18750	1000	17750	NA		-300	TTC/ATC curtailed due to shutdown of 765KV-GWALIOR-JAIPUR-1
		15:00 to 16:00	20250	1000	19250	NA		-300	
		16:00 to 24:00	22050	1000	21050	NA		-300	
	20 Nov to 30 Nov	00:00 to 09:00	22350	1000	21350	NA		0	
		09:00 to 15:00	19050	1000	18050	NA		0	
		15:00 to 16:00	20550	1000	19550	NA		0	
		16:00 to 24:00	22350	1000	21350	NA		0	
WR-SR	01 Nov to 14 Nov	00:00 to 24:00	15900	650	15250	NA		0	
	15 Nov to 15 Nov	00:00 to 09:00	15900	650	15250	NA		0	
		09:00 to 24:00	14850	650	14200	NA		0	
	16 Nov to 16 Nov	00:00 to 09:00	15900	650	15250	NA		0	
		09:00 to 24:00	14850	650	14200	NA		0	
	17 Nov to 17 Nov	00:00 to 08:00	16100	650	15450	NA		0	
		08:00 to 24:00	15400	650	14750	NA		0	
	18 Nov to 18 Nov	00:00 to 24:00	15200	650	14550	NA		0	
19 Nov to 20 Nov	00:00 to 24:00	15200	650	14550	NA		-200	Due to non revival of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	
21 Nov to 30 Nov	00:00 to 24:00	15900	650	15250	NA		-200		

- 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.
- 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)	Approved GNA(MW)	Margin for T-GNA (MW)	Changes w.r.t. Previous Revision	Comment	
ER	01 Nov to 30 Nov	00:00 to 24:00	NA	NA		NA		0		
NER	01 Nov to 04 Nov	00:00 to 17:00	1700	60	1640	824	816	0		
		17:00 to 22:00	1200	60	1140	824	316	0		
		22:00 to 24:00	1700	60	1640	824	816	0		
	05 Nov to 10 Nov	00:00 to 17:00	1850	60	1790	824	966	0		
		17:00 to 22:00	1350	60	1290	824	466	0		
		22:00 to 24:00	1850	60	1790	824	966	0		
	11 Nov to 11 Nov	00:00 to 08:00	1850	60	1790	824	966	0		
		08:00 to 17:00	1600	60	1540	824	716	0		
		17:00 to 22:00	1100	60	1040	824	216	0		
		22:00 to 24:00	1600	60	1540	824	716	0		
	12 Nov to 13 Nov	00:00 to 17:00	1580	60	1520	824	696	0		
		17:00 to 22:00	1100	60	1040	824	216	0		
		22:00 to 24:00	1580	60	1520	824	696	0		
	14 Nov to 15 Nov	00:00 to 17:00	1580	60	1520	824	696	0		
		17:00 to 22:00	1130	60	1070	824	246	0		
		22:00 to 24:00	1580	60	1520	824	696	0		
	16 Nov to 30 Nov	00:00 to 17:00	1700	60	1640	824	816	0		
		17:00 to 22:00	1230	60	1170	824	346	0		
		22:00 to 24:00	1700	60	1640	824	816	0		
	NR	01 Oct to 01 Oct	00:00 to 08:00	28400	1400	27000	17344	9656	0	
			08:00 to 09:00	27050	1400	25650	17344	8306	0	
			09:00 to 15:00	19300	1400	17900	17344	556	0	
			15:00 to 16:00	20400	1400	19000	17344	1656	0	
			16:00 to 24:00	27050	1400	25650	17344	8306	0	
02 Nov to 04 Nov		00:00 to 09:00	28400	1400	27000	17344	9656	0		
		09:00 to 15:00	20650	1400	19250	17344	1906	0		
		15:00 to 16:00	21750	1400	20350	17344	3006	0		
		16:00 to 24:00	28400	1400	27000	17344	9656	0		

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	05 Nov to 13 Nov	00:00 to 09:00	25700	1400	24300	17344	6956	0	
		09:00 to 15:00	20250	1400	18850	17344	1506	0	
		15:00 to 16:00	21750	1400	20350	17344	3006	0	
		16:00 to 24:00	25700	1400	24300	17344	6956	0	
	14 Nov to 14 Nov	00:00 to 07:00	25700	1400	24300	17344	6956	0	
		07:00 to 09:00	24950	1400	23550	17344	6206	0	
		09:00 to 15:00	19500	1400	18100	17344	756	0	
		15:00 to 16:00	21000	1400	19600	17344	2256	0	
		16:00 to 24:00	24950	1400	23550	17344	6206	0	
	15 Nov to 17 Nov	00:00 to 09:00	25700	1400	24300	17344	6956	0	
		09:00 to 15:00	20250	1400	18850	17344	1506	0	
		15:00 to 16:00	21750	1400	20350	17344	3006	0	
		16:00 to 24:00	25700	1400	24300	17344	6956	0	
	18 Nov to 18 Nov	00:00 to 07:00	25700	1400	24300	17344	6956	0	
		07:00 to 08:00	24950	1400	23550	17344	6206	0	
		08:00 to 09:00	24500	1400	23100	17344	5756	0	
		09:00 to 15:00	19050	1400	17650	17344	306	0	
		15:00 to 16:00	20550	1400	19150	17344	1806	0	
		16:00 to 24:00	24500	1400	23100	17344	5756	0	
	19 Nov to 19 Nov	00:00 to 09:00	25700	1400	24300	17344	6956	0	
		09:00 to 15:00	19800	1400	18400	17344	1056	-450	TTC/ATC curtailed due to shutdown of 765KV-GWALIOR-JAIPUR-1
		15:00 to 16:00	21300	1400	19900	17344	2556	-450	
		16:00 to 24:00	25250	1400	23850	17344	6506	-450	
	20 Nov to 30 Nov	00:00 to 09:00	25700	1400	24300	17344	6956	0	
		09:00 to 15:00	20250	1400	18850	17344	1506	0	
		15:00 to 16:00	21750	1400	20350	17344	3006	0	
		16:00 to 24:00	25700	1400	24300	17344	6956	0	
	SR	01 Nov to 14 Nov	00:00 to 24:00	22100	1000	21100	7601	13499	0
15 Nov to 15		00:00 to 09:00	22100	1000	21100	7601	13499	0	

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	Nov	09:00 to 24:00	20850	1000	19850	7601	12249	0	
	16 Nov to 16 Nov	00:00 to 09:00	22100	1000	21100	7601	13499	0	
		09:00 to 24:00	20850	1000	19850	7601	12249	0	
	17 Nov to 17 Nov	00:00 to 08:00	22300	1000	21300	7601	13699	0	
		08:00 to 24:00	21550	1000	20550	7601	12949	0	
	18 Nov to 18 Nov	00:00 to 24:00	21350	1000	20350	7601	12749	0	
	19 Nov to 20 Nov	00:00 to 24:00	21350	1000	20350	7601	12749	-200	Due to non revival of 765KV-CUDDAPAH-THIRUVALAM-1 & 2
	21 Nov to 30 Nov	00:00 to 24:00	22100	1000	21100	7601	13499	-200	
WR	01 Nov to 30 Nov	00:00 to 24:00	NA	NA		NA		0	

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- 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
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- 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.
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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 Nov to 30 Nov	00:00 to 24:00	NA	NA		NA		0	
NER	01 Nov to 30 Nov	00:00 to 17:00	3250	60	3190	NA		0	
		17:00 to 22:00	3250	60	3190	NA		0	
		22:00 to 24:00	3250	60	3190	NA		0	
NR	01 Nov to 03 Nov	00:00 to 06:00	6000	500	5500	NA		0	
		06:00 to 18:00	6000	500	5500	NA		0	
		18:00 to 24:00	6000	500	5500	NA		0	
	04 Nov to 04 Nov	00:00 to 08:00	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
		08:00 to 24:00	5550	500	5050	NA		0	
	05 Nov to 09 Nov	00:00 to 24:00	6000	500	5500	NA		0	
	10 Nov to 10 Nov	00:00 to 10:00	6000	500	5500	NA		0	
		10:00 to 24:00	5100	500	4600	NA		0	
	11 Nov to 18 Nov	00:00 to 24:00	6000	500	5500	NA		0	
	19 Nov to 19 Nov	00:00 to 15:00	6000	500	5500	NA		0	
		15:00 to 24:00	3900	500	3400	NA		-2100	TTC/ATC curtailed due to shutdown of 400KV-KANSARI-BHINMAL-KANKROLI 2
	20 Nov to 30 Nov	00:00 to 24:00	6000	500	5500	NA		0	
SR	01 Nov to 16 Nov	00:00 to 24:00	6400	650	5750	NA		0	
	17 Nov to 17 Nov	00:00 to 08:00	6400	650	5750	NA		0	
		08:00 to 24:00	6100	650	5450	NA		0	
	18 Nov to 20 Nov	00:00 to 24:00	6100	650	5450	NA		0	
	21 Nov to 30 Nov	00:00 to 24:00	6400	650	5750	NA		0	
WR	01 Nov to 30 Nov	00:00 to 24:00	NA	NA		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.
- 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	1. N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit 2. Low Voltages in major load Centres in the northern region during solar hours. 3. High loading of 765 KV Aligarh-Gr. Noida under N-1 contingency of 765 KV Bara-Mainpuri ckt	0-24
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 –	0-24

Corridor	Constraints	Revisions
	Sagardighi – 1 on the tripping of 400 kV Farakka – Sagardighi - 2	
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	0-24
ER-NR	Inter-regional flow pattern towards NR	0-24
WR-SR	Outage of any one of the 2x1500 MVA, 765/400 kV ICTs at Maheswaram overloads the other ICT	0-24
ER-SR	1. Low Voltage at Gazuwaka (East) Bus.	0-24
SR-WR	a) Angular separation between Kudgi & Kolhapur (PG) under N-1 touches 30 deg. b) N-1 Contingency of 765/400 kV, 1500 MVA ICTs at Raichur - PG will overload the other circuit. c) N-1 Contingency of 400 kV Pune – Kalwa will overload 400 kV Pune -Khargar & and vice-versa. d) N-1 Contingency of 400 kV Kolhapur – Karad D/C will overload the other circuit. e) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– B at Raigarh – PS (Kotra) with operation of HVDC Raigarh – Pugalur Bipole – 1 in SR-WR direction	0-24
ER-NER	N-1 contingency of 400 kV Bongaigaon - Azara line will lead to high Loading of 220 kV Balipara-Sonabil D/C	0-24
NER-ER	N-1 contingency of 400 kV Bongaigaon-Alipurduar I or II will lead to the High Loading of 400 kV Bongaigaon-Alipurduar II or I	0-24
NR_IMPORT	1. N-1 contingency of one ckt of 765 kV Vindhyachal-Varanasi will overload the other circuit 2. Low Voltages in major load Centres in the northern region during solar hours. 3. High loading of 765 KV Aligarh-Gr. Noida under N-1 contingency of 765 KV Bara-Mainpuri ckt 4. Inter-regional flow pattern towards NR	0-24
NR_EXPORT	Outage of any one of the two circuits from 400 kV Kankroli to 400 kV Zerda shall overload the other circuit.	0-24
NER_IMPORT	N-1 contingency of 400 kV Bongaigaon - Azara line will lead to high Loading of 220 kV Balipara-Sonabil D/C	0-24
NER_EXPORT	N-1 contingency of 400 kV Bongaigaon-Alipurduar I or II will lead to the High Loading of 400 kV Bongaigaon-Alipurduar II or I	0-24
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	0-24
SR_EXPORT	a) Angular separation between Kudgi & Kolhapur (PG) under N-1 touches 30 deg. b) N-1 Contingency of 765/400 kV, 1500 MVA ICTs at Raichur - PG will overload the other ICT. c) N-1 Contingency of 400 kV Pune – Kalwa will overload 400 kV Pune - Khargar & and vice-versa. d) N-1 Contingency of 400 kV Kolhapur – Karad D/C will overload the other circuit. e) N-1 non-compliance of 2*1500 MVA, 765/400 kV ICTs at Section– B at Raigarh – PS (Kotra) with operation of HVDC Raigarh – Pugalur Bipole – 1 in SR-WR direction	0-24

Revision Summary

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
1	28 Dec	01 Nov to 30 Nov	Change in T-GNA Margin due to grant of additional 174 MW GNA to Uttar Pradesh from outside Northern Region	NR_IMPORT
		01 Nov to 30 Nov	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 Nov to 30 Nov	TTC/ATC revised in view of change in load generation balance and inter-regional flow pattern towards NR	WR-NR
		01 Nov to 30 Nov	TTC/ATC revised in view of change in load generation balance and inter-regional flow pattern towards NR	ER-NR
		01 Nov to 30 Nov	TTC/ATC increased with the Commissioning of 765/400 kV, 1500 MVA ICT - 3 at Nizamabad and Change in LGB	WR-SR
		01 Nov to 30 Nov	TTC/ATC increased with the Commissioning of 765/400 kV, 1500 MVA ICT - 3 at Nizamabad and Change in LGB	ER-SR
		01 Nov to 30 Nov	TTC/ATC revised in view of change in load generation balance and inter-regional flow pattern towards NR	NR_IMPORT
		01 Nov to 30 Nov	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 Nov to 30 Nov	Revised T-GNA margin due to approval of 500 MW GNA for Andhra Pradesh from Outside Southern Region	SR_IMPORT
4	28 Mar	01 Nov to 30 Nov	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 Nov to 30 Nov	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 Nov to 30 Nov	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

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
		01 Nov to 30 Nov	Revised T-GNA margin due to approval of 25 MW GNA for Goa from Outside Western Region	WR_IMPORT
		01 Nov to 30 Nov	Revised T-GNA margin due to approval of 500 MW GNA for Karnataka from Outside Southern Region	SR_IMPORT
		01 Nov to 30 Nov	Revised T-GNA margin due to approval of 24 MW GNA for West Bengal from Outside Eastern Region	ER_IMPORT
6	28 Aug	01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	WR-NR
		01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	SR-WR
		01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	NR_IMPORT
		01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	SR_EXPORT
7	30 Oct	01 Nov to 01 Nov	TTC/ATC revised due to change in LGB	WR-NR
		01 Nov to 01 Nov	Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	WR-NR
		01 Nov to 01 Nov	Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	ER-NR
		01 Nov to 15 Nov	Due to shut down of 400KV-NEW RANCHI-CHANDWA-1 & 2	WR-SR
		01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	ER-NER
		01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	NER-ER
		01 Oct to 01 Oct	Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	NR_IMPORT
		02 Nov to 30 Nov	TTC/ATC revised due to change in LGB	NR_IMPORT
		01 Nov to 15 Nov	Due to shut down of 400KV-NEW RANCHI-CHANDWA-1 & 2	SR_IMPORT
		01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	NER_EXPORT
8	31 Oct	01 Nov to 01 Nov	TTC/ATC revised due to change in LGB	WR-NR
		01 Nov to 15 Nov	Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	WR-SR
		01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	ER-NER
		01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	NER-ER
		02 Nov to 30 Nov	TTC/ATC revised due to change in LGB	NR_IMPORT
		01 Nov to 15 Nov	Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	SR_IMPORT
		01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	NER_EXPORT
9	31 Oct	01 Nov to 01 Nov	TTC/ATC revised due to change in LGB	WR-NR
		01 Nov to 15 Nov	Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	WR-SR
		01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	ER-NER
		01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	NER-ER
		02 Nov to 30 Nov	TTC/ATC revised due to change in LGB	NR_IMPORT
		01 Nov to 15 Nov	Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	SR_IMPORT
		01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	NER_EXPORT

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
10	31 Oct	01 Nov to 01 Nov	TTC/ATC revised due to change in LGB	WR-NR
		01 Nov to 15 Nov	Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	WR-SR
		01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	ER-NER
		01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	NER-ER
		02 Nov to 30 Nov	TTC/ATC revised due to change in LGB	NR_IMPORT
		01 Nov to 15 Nov	Due to shut down of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	SR_IMPORT
		01 Nov to 30 Nov	TTC/ATC revised due to change in LGB	NER_EXPORT
11	31 Oct	01 Nov to 30 Nov	Due to Change in LGB	ER-NER
		01 Nov to 30 Nov	Due to Change in LGB	NER-ER
		01 Nov to 30 Nov	Due to Change in LGB	NER_IMPORT
		01 Nov to 30 Nov	Due to Change in LGB	NER_EXPORT
12	02 Nov	04 Nov to 04 Nov	Due to shutdown of 400KV RAPP-Sujalpur -1	NR-WR
		01 Nov to 30 Nov	Due to Change in LGB	ER-NER
		01 Nov to 30 Nov	Due to Change in LGB	NER-ER
		01 Nov to 30 Nov	Due to Change in LGB	NER_IMPORT
		04 Nov to 04 Nov	Due to shutdown of 400KV RAPP-Sujalpur -1	NR_EXPORT
		01 Nov to 30 Nov	Due to Change in LGB	NER_EXPORT
13	02 Nov	04 Nov to 04 Nov	Due to shutdown of 400KV RAPP-Sujalpur -1	NR-WR
		04 Nov to 04 Nov	Due to shutdown of 400KV RAPP-Sujalpur -1	NR_EXPORT
14	04 Nov	05 Nov to 11 Nov	TTTC/ATC revised due to shutdown of OTPC Palatana Block 2	ER-NER
		05 Nov to 11 Nov	TTTC/ATC revised due to shutdown of OTPC Palatana Block 2	NER_IMPORT
15	04 Nov	05 Nov to 30 Nov	TTC/ATC revised due to the shifting of Rihand-III Units to WR from NR and Change in Load Generation Balance & Inter-regional Flow Pattern	WR-NR
		05 Nov to 30 Nov	TTC/ATC revised due to the shifting of Rihand-III Units to WR from NR and Change in Load Generation Balance & Inter-regional Flow Pattern	NR_IMPORT
16	08 Nov	10 Nov to 10 Nov	Due to shutdown of 765KV/400KV BANASKANTHA-ICT-2	NR-WR
		10 Nov to 10 Nov	Due to shutdown of 765KV/400KV BANASKANTHA-ICT-2	NR_EXPORT
17	09 Nov	11 Nov to 11 Nov	Due to shutdown of 400kV Killing Bus A and Bus B	ER-NER
		11 Nov to 11 Nov	Due to shutdown of 400kV Killing Bus A and Bus B	NER_IMPORT
18	10 Nov			
19	12 Nov	14 Nov to 14 Nov	Due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-2	WR-NR
		14 Nov to 14 Nov	Due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-2	ER-NR
		14 Nov to 15 Nov	Due to shutdown of NTPC - Bongaigaon Unit-1	ER-NER

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
		16 Nov to 30 Nov	Due to shutdown of NTPC - Bongaigaon Unit-1	ER-NER
		14 Nov to 14 Nov	Due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-2	NR_IMPORT
		14 Nov to 15 Nov	Due to shutdown of NTPC - Bongaigaon Unit-1	NER_IMPORT
		16 Nov to 30 Nov	Due to shutdown of NTPC - Bongaigaon Unit-1	NER_IMPORT
20	13 Nov	15 Nov to 15 Nov	Due to shutdown of HVDC 800KV PUGALUR HVDC POLE 4	WR-SR
		15 Nov to 15 Nov	Due to shutdown of HVDC 800KV PUGALUR HVDC POLE 4	ER-SR
		15 Nov to 15 Nov	Due to shutdown of HVDC 800KV PUGALUR HVDC POLE 4	SR_IMPORT
21	14 Nov	16 Nov to 16 Nov	Due to shutdown of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	WR-SR
		16 Nov to 16 Nov	Due to shutdown of HVDC 800KV PUGALUR HVDC POLE 4	WR-SR
		16 Nov to 16 Nov	Due to shutdown of HVDC 800KV PUGALUR HVDC POLE 4	ER-SR
		16 Nov to 16 Nov	Due to shutdown of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	SR_IMPORT
		16 Nov to 16 Nov	Due to shutdown of HVDC 800KV PUGALUR HVDC POLE 4	SR_IMPORT
22	15 Nov	17 Nov to 17 Nov	Due to Shutdown of HVDC Bhadrawati Pole-1	WR-SR
		17 Nov to 17 Nov	Due to Shutdown of HVDC Bhadrawati Pole-1	SR-WR
		17 Nov to 17 Nov	Due to Shutdown of HVDC Bhadrawati Pole-1	ER-SR
		17 Nov to 17 Nov	Due to Shutdown of HVDC Bhadrawati Pole-1	SR_IMPORT
		17 Nov to 17 Nov	Due to Shutdown of HVDC Bhadrawati Pole-1	SR_EXPORT
23	16 Nov	18 Nov to 18 Nov	Due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-2	WR-NR
		18 Nov to 18 Nov	Due to shutdown of 765Kv Gwalior-Phagi-1	WR-NR
		18 Nov to 18 Nov	Due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-2	ER-NR
		18 Nov to 18 Nov	Due to shutdown of 765Kv Gwalior-Phagi-1	ER-NR
		18 Nov to 18 Nov	Due to non revival of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	WR-SR
		18 Nov to 18 Nov	Due to shutdown of 765KV-SATNA-VINDHYACHAL(PS)-2	NR_IMPORT
		18 Nov to 18 Nov	Due to shutdown of 765Kv Gwalior-Phagi-1	NR_IMPORT
		18 Nov to 18 Nov	Due to non revival of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	SR_IMPORT
24	17 Nov	19 Nov to 19 Nov	TTC/ATC curtailed due to shutdown of 400KV-KANSARI-BHINMAL-KANKROLI 2	NR-WR
		19 Nov to 19 Nov	TTC/ATC curtailed due to shutdown of 765KV-GWALIOR-JAIPUR-1	WR-NR
		19 Nov to 19 Nov	TTC/ATC curtailed due to shutdown of 765KV-GWALIOR-JAIPUR-1	ER-NR
		19 Nov to 20 Nov	Due to non revival of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	WR-SR
		19 Nov to 19 Nov	TTC/ATC curtailed due to shutdown of 765KV-GWALIOR-JAIPUR-1	NR_IMPORT
		19 Nov to 20 Nov	Due to non revival of 765KV-CUDDAPAH-THIRUVALAM-1 & 2	SR_IMPORT

Revision	Date Of Revision	Period Of Revision	Reason for Revision/Comment	Corridor Affected
		19 Nov to 19 Nov	TTC/ATC curtailed due to shutdown of 400KV-KANSARI-BHINMAL-KANKROLI 2	NR_EXPORT

ASSUMPTIONS IN BASECASE					
Month : November'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	6786	6770	3900	3660
2	Haryana	6932	7300	1426	3659
3	Rajasthan	13840	17619	6944	8474
4	Delhi	4003	4328	365	314
5	Uttar Pradesh	18915	17337	10369	10075
6	Uttarakhand	1977	1728	821	366
7	Himachal Pradesh	1660	1709	595	306
8	Jammu & Kashmir	2278	2673	226	230
9	Chandigarh	203	176	0	0
10	ISGS/IPPs	114	115	19978	22204
	Total NR	56708	59755	44624	49288
II	EASTERN REGION				
1	Bihar	5084	4030	445	436
2	Jharkhand	1645	1700	406	427
3	Damodar Valley Corporation	3510	3400	5600	5332
4	Orissa	6186	6000	3818	3764
5	West Bengal	7660	8000	6462	6115
6	Sikkim	106	98	0	0
7	Bhutan	33	49	307	372
8	ISGS/IPPs	920	728	16923	17242
	Total ER	25143	24005	33962	33688
III	WESTERN REGION				
1	Maharashtra	25755	29506	16723	19565
2	Gujarat	18687	20689	8270	8865
3	Madhya Pradesh	14705	17125	7923	9952
4	Chattisgarh	4208	3970	1768	1801
5	DD & DNH	971	974	0	0
6	Goa-WR	674	676	0	0
7	ISGS/IPPs	2490	2493	47245	48284
	Total WR	67491	75433	81929	88468
IV	SOUTHERN REGION				
1	Andhra Pradesh	9057	12431	5376	7080
2	Telangana	7435	9730	4578	7247
3	Karnataka	10750	13304	5081	7257
4	Tamil Nadu	16629	16830	5755	9952
5	Kerala	4253	3484	1637	646
6	Pondy	578	575	25	40
7	Goa-SR	87	87	0	0
8	ISGS/IPPs	12	12	21969	20081
	Total SR	48800	56452	44422	52305
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	164	100	0	0
2	Assam	1430	1140	271	444
3	Manipur	260	138	0	0

4	Meghalaya	468	348	139	13
5	Mizoram	169	140	31	8
6	Nagaland	157	119	14	7
7	Tripura	366	316	190	193
8	ISGS/IPPs	0	0	3215	2609
	Total NER	3014	2301	3860	3274
	Total All India	201120	217890	208385	226545