

WRLDC, Grid India
Total Transfer Capability for April'25

Issue date: 26 Mar'25

Rev-1

S.N	Corridor/Control Area	Date	Time Period	Time Blocks	Total Transfer Capability (TTC) (MW)	Reliability Margin (RM) (MW)	Available Transfer Capability (ATC) (MW)	Approved GNA (MW)	Margin for T-GNA (MW)	Changes in TTC w.r.t last revision	Remarks
1	Maharashtra	01st Apr-30th Apr'25	00-24	0-96	11400	600	10800	9646.00	1154	-	
2	#Gujarat	01st Apr-30th Apr'25	00-09	0-36	12820	370	12450	11903.67	546.33	-	If SSP Generation: 450 MW
		01st Apr-30th Apr'25	09-17	37-68	12420	370	12050	11903.67	146.33	-	
		01st Apr-30th Apr'25	17-24	69-96	12820	370	12450	11903.67	546.33	-	
		01st Apr-30th Apr'25	00-09	0-36	12620	370	12250	11903.67	346.33	-	If SSP Generation: 50 MW
		01st Apr-30th Apr'25	09-17	37-68	12220	370	11850	11903.67	-53.67	-	
		01st Apr-30th Apr'25	17-24	69-96	12620	370	12250	11903.67	346.33	-	
3	*Madhya Pradesh	01st Apr-30th Apr'25	00-24	0-96	13641	369	13272	10587	2685	-	The TTC/ATC figures as published by MPSLDC
4	Chattisgarh	01st Apr-30th Apr'25	00-24	0-96	3649	113	3536	3536	0	-	
5	Goa	01st Apr-30th Apr'25	00-24	0-96	710	15	695	673	22	-	
6	DNHDDPCL	01st Apr-30th Apr'25	00-24	0-96	1375	30	1345	1206	139	-	
7	^DD	01st Apr-30th Apr'25	00-24	0-96	475	10	465	384	81	-	
8	^DNH	01st Apr-30th Apr'25	00-24	0-96	900	20	880	822	58	-	

Limiting Constraints :-

Corridor/Control Area	Constraints	Remarks
Maharashtra	1. Critical loading on 400 kV Pune (PG)- Chakan-5/c and 400kV Pune-Lonikhand-5/c 2. Critical loading on 400 kV Pune (PG)- Pune(PG)-QJ/C under N-1 condition. 3. Contingency of 600 MVA, 400/220 kV Padghe ICT-4 or 500 MVA, 400/220 kV Padghe ICT-5 and subsequent high loading on other ICTs 4. N-1 contingency of 2x 315 MVA, 400/220 kV Navi Mumbai ICTs 5. Contingency of 500 MVA, 400/220 kV Bolar ICT-3 or 4 and subsequent high loading on other ICTs 6. Contingency of 500 MVA, 400/220 kV Nagothane ICT-3 and subsequent high loading on other ICTs 7. N-1 contingency of 500 MVA, 400/220 kV Thaptitanda ICT-1 & 2 8. Critical loading and low voltages on the intra state elements in Pune, Mumbai, Solapur and Nashik area	
Gujarat	1. N-1 contingency of 400 kV Banaskantha-Veloda-D/C 2. High loading on 400 kV Banaskantha-Zerda-5/c 3. N-1 contingency of 400 kV Kankarli-Zerda-D/C 4. High loading on 400 kV Asoj-Kosamba-5/c 5. High loading on 400 kV Navsari-Vav(GJ)-5/c 6. Low voltages at Jetpur, Amreli, Vadala and nearby areas	# https://www.sldgvi.com/Operation/TTC-ATC-Gujarat_State_Revised_9500-9900_Web.pdf
Madhya Pradesh	1. N-1 contingency of 2x315 MVA, 400/220 kV Juwana ICTs 2. Contingency of 500 MVA, 400/220 kV Jabalpur ICT-3 and subsequent high loading on other ICTs 3. Contingency of 500 MVA, 400/220 kV Bilaspal ICT-1 or 4 and subsequent high loading on other ICTs	* https://www.sldgmindia.com/page.php?id=20 (Updated as per SLDC MP declaration)
Chattisgarh	1. N-1 contingency of 400/220 kV Raipur ICTs 2. N-1 contingency of 400/220 kV NSPCL ICTs	
GOA	N-1 contingency of 220 kV Mapusa-Ponda-5/c & subsequent 220 kV & 110 kV voltages in Goa system are at the verge of 0.9 pu.	
DDDNHPDCL		
DD	N-1 contingency of 220 kV Magarwada (PG)-Ringarwada (DD) D/C	^ For monitoring of DNH and DD ATC in real time system operation
DNH	N-1 contingency of 220 kV Kala-Khadoli D/C	^ For monitoring of DNH and DD ATC in real time system operation

WRLDC, Grid India
Import/Export Capability of Control area

Revision No	Date of Revision	Period of Revision	Reason for Revision