

WRLDC, Grid India
Total Transfer Capability for Jan'25

Issue date: 26 May'24

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 Jan-31st Jan'25	00-24	0-96	10640	580	10060	9646.00	414	-	
2	#Gujarat	01st Jan-31st Jan'25	00-09	0-36	12820	370	12450	11626	824	-	If SSP Generation: 450 MW
		01st Jan-31st Jan'25	09-17	37-68	12420	370	12050	11626	424	-	
		01st Jan-31st Jan'25	17-24	69-96	12820	370	12450	11626	824	-	
		01st Jan-31st Jan'25	00-09	0-36	12620	370	12250	11626	624	-	If SSP Generation: 50 MW
		01st Jan-31st Jan'25	09-17	37-68	12220	370	11850	11626	224	-	
		01st Jan-31st Jan'25	17-24	69-96	12620	370	12250	11626	624	-	
3	*Madhya Pradesh	01st Jan-31st Jan'25	00-24	0-96	12437	284	12153	10587	1566	-	The TTC/ATC figures as published by MPSLDC
4	Chattisgarh	01st Jan-31st Jan'25	00-24	0-96	3649	113	3536	3536	0	-	
5	Goa	01st Jan-31st Jan'25	00-24	0-96	710	15	695	673	22	-	
6	DNHDDPCL	01st Jan-31st Jan'25	00-24	0-96	1310	25	1285	1206	79	-	
7	^DD	01st Jan-31st Jan'25	00-24	0-96	470	10	460	384	76	-	
8	^DNH	01st Jan-31st Jan'25	00-24	0-96	840	15	825	822	3	-	

Limiting Constraints :-

Corridor/Control Area	Constraints	Remarks
Maharashtra	1. N-1 contingency of 400 kV Pune(GIS)- Pune(PG)-Q/c 2. Critical loading on 400 kV Pune (PG)- Chakan-5/c 3. High loading on 400 kV Pune(PG) Kharghar-5/c & 400 kV Pune(PG)-Kalwa-5/c 4. N-1 contingency of 1500MVA 750/400 kV Ektuni ICT-1 and 2 5. N-1 contingency of 400 kV Padghe Kalwa-2 6. N-1 contingency of 500MVA 400/220 kV Boisar ICT 3 & 4 7. N-1 contingency of 600 MVA 400/220kV Padghe ICT 4 and 500 MVA 400/220 kV Padghe ICT 5 8. N-1 contingency of 600 MVA 400/220 kV Kalwa ICT 2 and 500 MVA 400/220 kV Kalwa ICT1,3,4 9. N-1 contingency of 500 MVA 400/220kV Kolhapur ICT 1 and 3 10. N-1 contingency of 500 MVA 400/220 kV Tapiltanda ICT 1 & 2 11. Critical loading on the intra state elements in Pune, Mumbai, Solapur and Nashik area	
Gujarat	1. N-1 contingency of 400 kV Kudus-Kala-DC 2. Contingency of 400 kV Kankroli-Zerda-5/c and subsequent high loading on 400 kV Bhinmal Zerda-5/c	# https://www.sdcgva.com/Operation/TTC-ATC-Gujarat_State_Reviseed_9500-9500_Web.pdf
Madhya Pradesh	1. N-1 contingency of 400/220 kV Bhopal MP ICT-1 (500MVA)	* https://www.sdcsmindia.com/page.php?id=20 , download 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)-Magarwada (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