

**WRLDC, Grid India**  
**Total Transfer Capability for Jan'25**

Issue date: 31 Dec'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	11400	600	10800	9646.00	1154	-	
2	#Gujarat	01st Jan-31st Jan'25	00-09	0-36	12820	370	12450	11903.67	546.33	-	If SSP Generation: 450 MW
		01st Jan-31st Jan'25	09-17	37-68	12420	370	12050	11903.67	146.33	-	
		01st Jan-31st Jan'25	17-24	69-96	12820	370	12450	11903.67	546.33	-	
		01st Jan-31st Jan'25	00-09	0-36	12620	370	12250	11903.67	346.33	-	If SSP Generation: 50 MW
		01st Jan-31st Jan'25	09-17	37-68	12220	370	11850	11903.67	0	-	
		01st Jan-31st Jan'25	17-24	69-96	12620	370	12250	11903.67	346.33	-	
3	*Madhya Pradesh	01st Jan-31st Jan'25	00-24	0-96	13682	383	13298	10587	2711	-	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
<b>Maharashtra</b>	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 500 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 Thapattanda ICT-1 & 2 8. Critical loading and low voltages on the intra state elements in Pune, Mumbai, Solapur and Nashik area	
<b>Gujarat</b>	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 Kankroli-Zerda-D/c 4. High loading on 400 kV Asoj-Kosamba-5/c 5. High loading on 400 kV Navsari-Vav(G)-5/c 6. Low voltages at Jetpur, Amreli, Hadala and nearby areas	<a href="https://www.sldgji.com/Operation/TTC-ATC-Gujarat_State_Revised_5500-9900_Web.pdf"># https://www.sldgji.com/Operation/TTC-ATC-Gujarat_State_Revised_5500-9900_Web.pdf</a>
<b>Madhya Pradesh</b>	1. N-1 contingency of 2x315 MVA, 400/220 kV Julwani 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 Bilopal ICT-1 or 4 and subsequent high loading on other ICTs	<a href="https://www.sldgindia.com/page.php?id=20">* https://www.sldgindia.com/page.php?id=20</a> (Updated as per SLDG MP declaration)
<b>Chattisgarh</b>	1. N-1 contingency of 400/220 kV Raipur ICTs 2. N-1 contingency of 400/220 kV NSPCL ICTs	
<b>GOA</b>	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.	
<b>DDDNHPDCL</b>		
<b>DD</b>	N-1 contingency of 220 kV Magarwada (PG)-Magarwada (DD) D/C	<sup>a</sup> For monitoring of DNH and DD ATC in real time system operation
<b>DNH</b>	N-1 contingency of 220 kV Kala-Khadoli D/C	<sup>a</sup> For monitoring of DNH and DD ATC in real time system operation