

WRLDC, Grid India
Total Transfer Capability for Sep'25

Issue date: 26 Sep'24

Rev-0

| 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 Sep-30th Sep25 | 00-24 | 0-96 | 10640 | 580 | 10060 | 9646.00 | 414 | - | |
| 2 | #Gujarat | 01st Sep-30th Sep25 | 00-09 | 0-36 | 12820 | 370 | 12450 | 11833.17 | 616.83 | - | If SSP Generation: 450 MW |
| | | 01st Sep-30th Sep25 | 09-17 | 37-68 | 12420 | 370 | 12050 | 11833.17 | 216.83 | - | |
| | | 01st Sep-30th Sep25 | 17-24 | 69-96 | 12820 | 370 | 12450 | 11833.17 | 616.83 | - | |
| | | 01st Sep-30th Sep25 | 00-09 | 0-36 | 12620 | 370 | 12250 | 11833.17 | 416.83 | - | If SSP Generation: 50 MW |
| | | 01st Sep-30th Sep25 | 09-17 | 37-68 | 12220 | 370 | 11850 | 11833.17 | 16.83 | - | |
| | | 01st Sep-30th Sep25 | 17-24 | 69-96 | 12620 | 370 | 12250 | 11833.17 | 416.83 | - | |
| 3 | *Madhya Pradesh | 01st Sep-30th Sep25 | 00-24 | 0-96 | 12437 | 284 | 12153 | 10587 | 1566 | - | The TTC/ATC figures as published by MPSLDC |
| 4 | Chattisgarh | 01st Sep-30th Sep25 | 00-24 | 0-96 | 3649 | 113 | 3536 | 3536 | 0 | - | |
| 5 | Goa | 01st Sep-30th Sep25 | 00-24 | 0-96 | 710 | 15 | 695 | 673 | 22 | - | |
| 6 | DNHDDPCL | 01st Sep-30th Sep25 | 00-24 | 0-96 | 1310 | 25 | 1285 | 1206 | 79 | - | |
| 7 | ^DD | 01st Sep-30th Sep25 | 00-24 | 0-96 | 470 | 10 | 460 | 384 | 76 | - | |
| 8 | ^DNH | 01st Sep-30th Sep25 | 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 and low voltages 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 |

WRLDC, Grid India
Import/Export Capability of Control area

| Revision No | Date of Revision | Period of Revision | Reason for Revision |
|--------------------|-------------------------|---------------------------|----------------------------|
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