

TTC-ATC w.e.f April'2025

Issue Date: 05/07/2022

Revision No. 0

The table below summarises the TTC (rounded off) over the various regional Flow gates.

TTC/ATC Regional Flow Gate wise

Corridor	Total Transfer Capability (TTC)	Transmission Reliability Margin (TRM)	Available Transfer Capability (ATC)
WR-NR	23000	1250	21750
ER-NR	6600	500	6100
WR-SR	19250	850	18400
ER-SR	5750	450	5300
ER-NER	2800	90	2710
NR-WR	11300	600	10700
NR-ER	3750	250	3500
SR-WR	11000	660	10340

Note:

1. The above values are indicative only. TTC/ATC may vary depending upon the supply and demand scenario as well as network topology.

Constraints

Corridor	Constraints
WR-NR	Orai 765/400kV, 2x1000MVA ICTs (N-1 Contingency)
ER-NR	Orai 765/400kV, 2x1000MVA ICTs (N-1 Contingency)
WR-SR	Nizamabad 765/400kV, 3x1500MVA ICTs (N-1 contingency)
ER-SR	Angul - Srikakulam 765kV D/c line (N-1 contingency)
ER-NER	Birpara - Falakata 220kV D/c line (N-1 contingency)
NR-WR	RAPS – Shujalpur 400kV D/c line (N-1 Contingency)
NR-ER	RAPS – Shujalpur 400kV D/c line (N-1 Contingency)
SR-WR	Narendra - Pune 765kV D/c Line (N-1 Contingency)