

**POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI**

**Date of Reporting: 1-Nov-15
System Reliability Indices Report for: 31-Oct-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	44	11.00	45.83
4	ER-NER	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	1	0.25	1.04
4	ER-NER	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

Voltage Profile for the day of 31-Oct-2015

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	Agra	0.00%	100.00%	0.00%	0.00%	799	761	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	740	760
	Moga	0.00%	100.00%	0.00%	0.00%	798	763	781
	Phagi	0.00%	100.00%	0.00%	0.00%	789	741	771
WR	Aurangabad	0.00%	99.86%	0.00%	0.00%	800	742	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	759	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	763	777
	Sholapur	0.00%	98.47%	0.35%	0.35%	803	752	780
	Vadodara	0.00%	100.00%	0.00%	0.00%	791	756	777
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	777	787
	Raichur	0.00%	100.00%	0.00%	0.00%	795	759	778
	Thiruvalam	48.44%	15.63%	25.00%	73.44%	0	0	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	780	748	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	772	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	776	757	767
NER	Balipara (400 kV)	0.00%	99.79%	0.21%	0.21%	431	389	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	387	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	409

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.