

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

**Date of Reporting: 18-Oct-15
System Reliability Indices Report for: 17-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	30	7.50	31.25
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	0	0.00	0.00
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 17-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%	783	746	766
	Fatehpur	0.00%	100.00%	0.00%	0.00%	769	740	754
	Moga	0.00%	98.54%	1.46%	1.46%	801	764	783
	Phagi	0.00%	100.00%	0.00%	0.00%	777	736	758
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	758	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	752	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	746	767
	Sholapur	0.00%	97.64%	0.00%	0.00%	800	763	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	761	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	0	0	785
	Raichur	0.00%	100.00%	0.00%	0.00%	796	768	782
	Thiruvalam	0.00%	76.25%	23.75%	23.75%	803	789	794
ER	Gaya	0.00%	100.00%	0.00%	0.00%	772	742	758
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	785	763	775
	Ranchi	0.00%	100.00%	0.00%	0.00%	767	750	758
NER	Balipara (400 kV)	0.00%	99.86%	0.14%	0.14%	426	399	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	410

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