

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

**Date of Reporting: 15-Nov-15
System Reliability Indices Report for: 14-Nov-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	21	5.25	21.88
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 14-Nov-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%	792	757	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	744	761
	Moga	0.00%	100.00%	0.00%	0.00%	800	763	782
	Phagi	0.00%	100.00%	0.00%	0.00%	790	753	768
WR	Aurangabad	0.00%	99.65%	0.00%	0.00%	800	754	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	760	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	756	773
	Sholapur	0.00%	73.68%	24.03%	24.03%	811	765	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	766	782
SR	Nellore PS	0.00%	81.81%	18.19%	18.19%	805	778	789
	Raichur	0.00%	99.10%	0.90%	0.90%	801	765	785
	Thiruvalam	0.00%	20.69%	79.31%	79.31%	823	796	808
ER	Gaya	0.00%	100.00%	0.00%	0.00%	770	750	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	772	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	779	752	768
NER	Balipara (400 kV)	0.00%	94.51%	5.49%	5.49%	424	396	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	391	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	413

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