

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

**Date of Reporting: 10-Dec-15
System Reliability Indices Report for: 9-Dec-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	7	1.75	7.29
2	ER-NR	0	0.00	0.00
3	NEW-SR	16	4.00	16.67
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	2	0.50	2.08
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 09-Dec-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	735	767
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	748	764
	Moga	0.00%	97.85%	2.15%	2.15%	807	748	776
	Phagi	0.00%	100.00%	0.00%	0.00%	788	739	765
WR	Aurangabad	0.00%	99.44%	0.00%	0.00%	800	749	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	742	759
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	740	770
	Sholapur	0.00%	64.10%	32.64%	32.64%	812	761	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	755	776
SR	Nellore PS	0.00%	98.68%	1.32%	1.32%	802	772	786
	Raichur	0.00%	0.00%	100.00%	100.00%	801	801	801
	Thiruvalam	0.00%	47.43%	52.57%	52.57%	822	793	805
ER	Gaya	0.00%	100.00%	0.00%	0.00%	764	742	751
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	754	776
	Ranchi	0.00%	100.00%	0.00%	0.00%	775	743	757
NER	Balipara (400 kV)	0.00%	83.54%	16.46%	16.46%	426	397	412
	Bongaigaon (400 kV)	0.00%	99.17%	0.83%	0.83%	420	392	411
	Silchar (400 kV)	0.00%	91.32%	8.68%	8.68%	422	401	413

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