

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

**Date of Reporting: 3-Dec-15
System Reliability Indices Report for: 2-Dec-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	5	1.25	5.21
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 02-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	749	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	734	755
	Moga	0.00%	98.26%	1.74%	1.74%	807	763	783
	Phagi	0.00%	100.00%	0.00%	0.00%	788	750	767
WR	Aurangabad	0.00%	98.33%	0.00%	0.00%	800	758	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	758	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	756	772
	Sholapur	0.00%	65.69%	31.32%	31.32%	811	767	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	768	783
SR	Nellore PS	0.00%	89.09%	10.91%	10.91%	803	0	784
	Raichur	0.00%	100.00%	0.00%	0.00%	798	778	784
	Thiruvalam	0.00%	14.52%	85.48%	85.48%	824	0	806
ER	Gaya	0.00%	100.00%	0.00%	0.00%	774	741	759
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	773	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	757	770
NER	Balipara (400 kV)	0.00%	73.61%	26.39%	26.39%	425	397	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	408
	Silchar (400 kV)	0.00%	98.61%	1.39%	1.39%	421	400	413

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