

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

**Date of Reporting: 12-Dec-15
System Reliability Indices Report for: 11-Dec-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	NEW-SR	11	2.75	11.46
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 11-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%	794	757	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	746	761
	Moga	0.00%	93.61%	6.39%	6.39%	811	768	785
	Phagi	0.00%	100.00%	0.00%	0.00%	789	752	769
WR	Aurangabad	0.00%	99.79%	0.00%	0.00%	800	750	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	749	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	756	776
	Sholapur	0.00%	83.61%	14.44%	14.44%	809	758	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	760	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	765	782
	Raichur	0.00%	100.00%	0.00%	0.00%	798	755	782
	Thiruvalam	0.00%	51.74%	48.26%	48.26%	819	780	801
ER	Gaya	0.00%	100.00%	0.00%	0.00%	770	740	755
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	767	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	772	751	763
NER	Balipara (400 kV)	0.00%	85.76%	14.24%	14.24%	423	393	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	389	406
	Silchar (400 kV)	0.00%	90.28%	9.72%	9.72%	422	400	411

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