

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

**Date of Reporting: 2-Dec-15
System Reliability Indices Report for: 1-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	7	1.75	7.29
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 01-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%	790	749	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	737	755
	Moga	0.00%	100.00%	0.00%	0.00%	799	760	783
	Phagi	0.00%	100.00%	0.00%	0.00%	784	747	765
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	751	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	760	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	754	772
	Sholapur	0.00%	77.92%	8.54%	8.54%	806	764	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	762	780
SR	Nellore PS	0.00%	99.44%	0.56%	0.56%	802	775	786
	Raichur	0.00%	100.00%	0.00%	0.00%	799	762	781
	Thiruvalam	0.00%	63.19%	36.81%	36.81%	820	790	800
ER	Gaya	0.00%	100.00%	0.00%	0.00%	772	746	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	0	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	775	758	766
NER	Balipara (400 kV)	0.00%	87.92%	12.08%	12.08%	424	399	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	407
	Silchar (400 kV)	0.00%	99.86%	0.14%	0.14%	420	400	412

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