

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **18-Dec-15**
System Reliability Indices Report for: **17-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	2	0.50	2.08
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 17-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%	796	747	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	730	765
	Moga	0.00%	100.00%	0.00%	0.00%	799	757	776
	Phagi	0.00%	100.00%	0.00%	0.00%	789	747	765
WR	Aurangabad	0.00%	98.33%	1.67%	1.67%	803	751	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	753	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	748	774
	Sholapur	0.00%	72.92%	20.69%	20.69%	811	761	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	756	781
SR	Nellore PS	0.00%	99.51%	0.49%	0.49%	801	772	785
	Raichur	0.00%	92.22%	7.78%	7.78%	806	768	788
	Thiruvalam	0.00%	73.61%	26.39%	26.39%	816	787	799
ER	Gaya	0.00%	100.00%	0.00%	0.00%	779	741	763
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	766	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	774	750	763
NER	Balipara (400 kV)	0.00%	76.67%	23.33%	23.33%	431	395	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	387	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	409

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