

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

**Date of Reporting: 3-Jan-16
System Reliability Indices Report for: 2-Jan-16**

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	32	8.00	33.33
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	5	1.25	5.21
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-Jan-2016

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%	793	752	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	743	758
	Moga	0.00%	100.00%	0.00%	0.00%	796	760	778
	Phagi	0.00%	100.00%	0.00%	0.00%	783	741	763
WR	Aurangabad	0.00%	98.47%	1.53%	1.53%	806	748	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	761	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	755	774
	Sholapur	0.00%	56.81%	37.22%	37.22%	819	755	794
	Vadodara	0.00%	98.26%	1.74%	1.74%	807	769	786
SR	Nellore PS	0.00%	81.46%	18.54%	18.54%	804	773	792
	Raichur	0.00%	72.57%	27.43%	27.43%	812	759	794
	Thiruvalam	0.00%	0.00%	100.00%	100.00%	805	805	805
ER	Gaya	0.00%	100.00%	0.00%	0.00%	775	746	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	773	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	766	777
NER	Balipara (400 kV)	0.00%	57.22%	42.78%	42.78%	433	395	417
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	384	404
	Silchar (400 kV)	0.00%	96.74%	3.26%	3.26%	421	396	411

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