

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

**Date of Reporting: 4-Jan-16
System Reliability Indices Report for: 3-Jan-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	20	5.00	20.83
2	ER-NR	0	0.00	0.00
3	NEW-SR	38	9.50	39.58
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	11	2.75	11.46
2	ER-NR	0	0.00	0.00
3	NEW-SR	3	0.75	3.13
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 03-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%	792	743	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	732	755
	Moga	0.00%	100.00%	0.00%	0.00%	798	762	781
	Phagi	0.00%	100.00%	0.00%	0.00%	783	737	763
WR	Aurangabad	0.00%	99.72%	0.28%	0.28%	801	754	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	761	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	746	772
	Sholapur	0.00%	56.48%	38.26%	38.26%	818	783	798
	Vadodara	0.00%	98.46%	1.54%	1.54%	805	776	790
SR	Nellore PS	0.00%	85.03%	14.97%	14.97%	804	-797	795
	Raichur	0.00%	56.11%	43.89%	43.89%	813	790	800
	Thiruvalam	0.00%	0.00%	100.00%	100.00%	805	805	805
ER	Gaya	0.00%	100.00%	0.00%	0.00%	772	738	757
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	771	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	766	776
NER	Balipara (400 kV)	0.00%	44.29%	55.71%	55.71%	430	409	421
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	406
	Silchar (400 kV)	0.00%	84.37%	15.63%	15.63%	422	402	413

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