

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

**Date of Reporting: 26-Jan-16
System Reliability Indices Report for: 25-Jan-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	82	20.50	85.42
2	ER-NR	0	0.00	0.00
3	NEW-SR	5	1.25	5.21
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	59	14.75	61.46
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 25-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%	791	753	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	768	744	757
	Moga	0.00%	100.00%	0.00%	0.00%	799	758	779
	Phagi	0.00%	100.00%	0.00%	0.00%	784	740	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	760	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	757	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	753	775
	Sholapur	0.00%	52.23%	42.47%	42.47%	814	773	796
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	765	779
SR	Nellore PS	0.00%	92.61%	7.39%	7.39%	803	773	789
	Raichur	0.00%	51.01%	48.99%	48.99%	811	775	796
	Thiruvalam	0.00%	26.85%	73.15%	73.15%	820	787	806
ER	Gaya	0.00%	100.00%	0.00%	0.00%	772	746	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	761	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	764	780
NER	Balipara (400 kV)	0.00%	69.87%	30.13%	30.13%	430	398	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	389	405
	Silchar (400 kV)	0.00%	92.19%	7.81%	7.81%	422	401	417

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