

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

**Date of Reporting: 1-Feb-16
System Reliability Indices Report for: 31-Jan-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	NEW-SR	3	0.75	3.13
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 31-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%	99.79%	0.14%	0.14%	801	747	782
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	745	768
	Moga	0.00%	99.38%	0.63%	0.63%	801	770	791
	Phagi	0.00%	100.00%	0.00%	0.00%	786	750	772
WR	Aurangabad	0.00%	99.17%	0.83%	0.83%	802	754	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	753	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	759	781
	Sholapur	0.00%	66.60%	32.15%	32.15%	816	767	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	762	780
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	779	760	769
	Raichur	0.00%	88.06%	11.94%	11.94%	807	767	788
	Thiruvalam	0.00%	0.00%	100.00%	100.00%	816	816	816
ER	Gaya	0.00%	100.00%	0.00%	0.00%	776	744	759
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	766	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	768	780
NER	Balipara (400 kV)	0.00%	56.81%	43.19%	43.19%	431	400	419
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	388	404
	Silchar (400 kV)	0.00%	98.89%	1.11%	1.11%	422	402	413

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