

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

**Date of Reporting: 11-Feb-16
System Reliability Indices Report for: 10-Feb-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	3	0.75	3.13
2	ER-NR	0	0.00	0.00
3	NEW-SR	4	1.00	4.17
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 10-Feb-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%	789	758	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	749	763
	Moga	0.00%	100.00%	0.00%	0.00%	782	782	782
	Phagi	0.00%	100.00%	0.00%	0.00%	789	753	769
WR	Aurangabad	0.00%	99.86%	0.14%	0.14%	801	750	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	763	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	758	776
	Sholapur	0.00%	83.96%	5.21%	5.21%	807	759	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	766	781
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	766	782
	Raichur	0.00%	98.54%	1.46%	1.46%	802	762	785
	Thiruvalam	0.00%	56.11%	43.89%	43.89%	813	782	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	767	741	755
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	784	0	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	800	765	788
NER	Balipara (400 kV)	0.00%	82.50%	17.50%	17.50%	424	393	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	414	414
	Silchar (400 kV)	0.00%	77.50%	22.50%	22.50%	424	400	415

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