

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

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

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
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 02-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%	790	761	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	746	765
	Moga	0.00%	85.56%	14.44%	14.44%	807	773	789
	Phagi	0.00%	100.00%	0.00%	0.00%	783	749	768
WR	Aurangabad	0.00%	99.58%	0.42%	0.42%	802	759	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	761	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	762	777
	Sholapur	0.00%	77.85%	21.67%	21.67%	811	768	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	765	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	784	758	769
	Raichur	0.00%	84.72%	15.28%	15.28%	808	770	789
	Thiruvalam	0.00%	73.75%	26.25%	26.25%	812	783	792
ER	Gaya	0.00%	100.00%	0.00%	0.00%	768	742	757
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	772	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	769	782
NER	Balipara (400 kV)	0.00%	76.46%	23.54%	23.54%	426	395	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	387	403
	Silchar (400 kV)	0.00%	81.04%	18.96%	18.96%	423	397	413

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