

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

**Date of Reporting: 7-Feb-16
System Reliability Indices Report for: 6-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	28	7.00	29.17
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 06-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%	793	755	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	747	763
	Moga	0.00%	100.00%	0.00%	0.00%	799	769	785
	Phagi	0.00%	100.00%	0.00%	0.00%	785	743	767
WR	Aurangabad	0.00%	99.58%	0.42%	0.42%	803	750	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	762	762	762
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	754	775
	Sholapur	0.00%	84.58%	13.75%	13.75%	813	768	788
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	760	780
SR	Nellore PS	0.00%	92.43%	7.57%	7.57%	804	777	789
	Raichur	0.00%	83.96%	16.04%	16.04%	809	773	790
	Thiruvalam	0.00%	29.72%	70.28%	70.28%	811	792	802
ER	Gaya	0.00%	100.00%	0.00%	0.00%	764	744	753
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	769	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	764	778
NER	Balipara (400 kV)	0.00%	84.03%	15.97%	15.97%	426	401	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	407
	Silchar (400 kV)	0.00%	89.58%	10.42%	10.42%	422	402	414

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