

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

**Date of Reporting: 12-Jan-16
System Reliability Indices Report for: 11-Jan-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	11	2.75	11.46
4	ER-NER	2	0.50	2.08

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 11-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	752	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	737	756
	Moga	0.00%	97.99%	2.01%	2.01%	802	770	784
	Phagi	0.00%	100.00%	0.00%	0.00%	777	744	755
WR	Aurangabad	0.00%	99.79%	0.21%	0.21%	804	759	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	767	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	752	773
	Sholapur	0.00%	75.28%	23.19%	23.19%	816	773	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	759	777
SR	Nellore PS	0.00%	84.72%	15.28%	15.28%	806	774	787
	Raichur	0.00%	87.07%	12.93%	12.93%	810	0	787
	Thiruvalam	0.00%	98.61%	1.39%	1.39%	803	781	793
ER	Gaya	0.00%	100.00%	0.00%	0.00%	768	739	753
	Jharsuguda	0.00%	81.60%	18.40%	18.40%	805	778	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	772	779
NER	Balipara (400 kV)	0.00%	67.36%	32.64%	32.64%	430	394	417
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	382	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	396	410

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