

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

**Date of Reporting: 21-Jan-16
System Reliability Indices Report for: 20-Jan-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	75	18.75	78.13
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	60	15.00	62.50
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 20-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%	796	753	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	738	754
	Moga	0.00%	99.51%	0.49%	0.49%	801	768	784
	Phagi	0.00%	100.00%	0.00%	0.00%	786	746	768
WR	Aurangabad	0.00%	99.79%	0.21%	0.21%	805	755	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	764	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	756	779
	Sholapur	0.00%	70.14%	29.58%	29.58%	810	764	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	756	778
SR	Nellore PS	0.00%	86.67%	13.33%	13.33%	804	760	778
	Raichur	0.00%	97.29%	2.71%	2.71%	806	767	786
	Thiruvalam	0.00%	61.04%	38.96%	38.96%	817	782	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	766	732	747
	Jharsuguda	0.00%	92.29%	7.71%	7.71%	801	772	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	780	780
NER	Balipara (400 kV)	0.00%	91.46%	8.54%	8.54%	431	395	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	382	402
	Silchar (400 kV)	0.00%	91.81%	8.19%	8.19%	422	397	411

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