

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

Date of Reporting: **14-Jan-16**  
System Reliability Indices Report for: **13-Jan-16**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	58	14.50	60.42
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	43	10.75	44.79
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 13-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%	797	742	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	733	757
	Moga	0.00%	95.76%	4.24%	4.24%	807	758	783
	Phagi	0.00%	100.00%	0.00%	0.00%	783	737	763
WR	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	740	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	763	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	746	772
	Sholapur	0.00%	75.49%	21.74%	21.74%	811	760	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	762	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	766	782
	Raichur	0.00%	95.35%	4.65%	4.65%	805	765	786
	Thiruvalam	0.00%	86.18%	13.82%	13.82%	808	780	792
ER	Gaya	0.00%	100.00%	0.00%	0.00%	768	733	757
	Jharsuguda	0.00%	99.24%	0.76%	0.76%	801	773	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	769	776
NER	Balipara (400 kV)	0.00%	94.38%	5.63%	5.63%	434	394	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	385	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	408

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