

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

Date of Reporting: 24-Jan-16  
System Reliability Indices Report for: 23-Jan-16

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	10	2.50	10.42
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	1	0.25	1.04

**Percentage(%) of times (N-1) Criteria was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	8	2.00	8.33
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 23-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	747	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	729	762
	Moga	0.00%	100.00%	0.00%	0.00%	798	759	782
	Phagi	0.00%	100.00%	0.00%	0.00%	785	743	766
WR	Aurangabad	0.00%	97.22%	2.78%	2.78%	804	746	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	765	765	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	751	777
	Sholapur	0.00%	57.29%	41.53%	41.53%	818	766	798
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	778	781
SR	Nellore PS	0.00%	98.96%	1.04%	1.04%	802	772	788
	Raichur	0.00%	84.31%	15.69%	15.69%	810	770	791
	Thiruvalam	0.00%	32.50%	67.50%	67.50%	819	789	804
ER	Gaya	0.00%	100.00%	0.00%	0.00%	781	741	764
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	767	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	767	783
NER	Balipara (400 kV)	0.00%	74.86%	25.14%	25.14%	428	384	414
	Bongaigaon (400 kV)	0.21%	99.79%	0.00%	0.21%	417	379	404
	Silchar (400 kV)	0.00%	99.79%	0.21%	0.21%	420	396	411

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