

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

**Date of Reporting: 25-Jan-16
System Reliability Indices Report for: 24-Jan-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	92	23.00	95.83
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
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	67	16.75	69.79
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 24-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	762	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	743	763
	Moga	0.00%	100.00%	0.00%	0.00%	797	762	782
	Phagi	0.00%	100.00%	0.00%	0.00%	785	753	767
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	757	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	765	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	760	779
	Sholapur	0.00%	56.39%	41.25%	41.25%	815	771	797
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	765	780
SR	Nellore PS	0.00%	99.79%	0.21%	0.21%	801	775	789
	Raichur	0.00%	87.01%	12.99%	12.99%	806	776	790
	Thiruvalam	0.00%	25.69%	74.31%	74.31%	816	790	805
ER	Gaya	0.00%	100.00%	0.00%	0.00%	779	0	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	0	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	0	787
NER	Balipara (400 kV)	0.00%	89.72%	10.28%	10.28%	432	392	413
	Bongaigaon (400 kV)	0.07%	99.93%	0.00%	0.07%	417	378	403
	Silchar (400 kV)	0.00%	97.43%	2.57%	2.57%	421	395	411

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