

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

**Date of Reporting: 13-Mar-16
System Reliability Indices Report for: 12-Mar-16**

Percentage (%) of times ATC 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	12	3.00	12.50
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	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 12-Mar-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%	794	757	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	738	757
	Moga	0.00%	76.32%	23.68%	23.68%	812	763	791
	Phagi	0.00%	100.00%	0.00%	0.00%	790	759	772
WR	Aurangabad	0.00%	99.38%	0.63%	0.63%	806	760	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	766	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	762	778
	Sholapur	0.00%	88.19%	10.83%	10.83%	813	764	788
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	766	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	772	785
	Raichur	0.00%	96.32%	3.68%	3.68%	810	773	788
	Thiruvalam	0.00%	89.03%	10.97%	10.97%	808	785	797
ER	Gaya	0.00%	100.00%	0.00%	0.00%	776	735	762
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	787	773	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	773	783
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	389	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	387	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	399	412

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