

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

**Date of Reporting: 17-Mar-16
System Reliability Indices Report for: 16-Mar-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	NEW-SR	17	4.25	17.71
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 16-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%	781	744	761
	Fatehpur	0.00%	100.00%	0.00%	0.00%	761	732	748
	Moga	0.00%	99.22%	0.78%	0.78%	802	766	786
	Phagi	0.00%	100.00%	0.00%	0.00%	783	746	763
WR	Aurangabad	0.00%	99.48%	0.52%	0.52%	804	0	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	760	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	749	767
	Sholapur	0.00%	96.25%	3.67%	3.67%	816	770	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	765	777
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	770	785
	Raichur	0.00%	95.55%	4.45%	4.45%	809	773	789
	Thiruvalam	0.00%	69.73%	30.27%	30.27%	809	775	794
ER	Gaya	0.00%	100.00%	0.00%	0.00%	761	738	751
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	786	768	777
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	771	780
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	391	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	392	413

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