

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

**Date of Reporting: 14-Mar-16
System Reliability Indices Report for: 13-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	4	1.00	4.17
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 13-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	761	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	733	753
	Moga	0.00%	92.01%	7.99%	7.99%	803	769	788
	Phagi	0.00%	100.00%	0.00%	0.00%	788	764	775
WR	Aurangabad	0.00%	99.51%	0.49%	0.49%	805	762	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	769	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	767	781
	Sholapur	0.00%	84.58%	13.26%	13.26%	815	776	793
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	761	779
SR	Nellore PS	0.00%	99.38%	0.63%	0.63%	803	780	790
	Raichur	0.00%	87.50%	12.50%	12.50%	812	783	794
	Thiruvalam	0.00%	46.60%	53.40%	53.40%	811	789	800
ER	Gaya	0.00%	100.00%	0.00%	0.00%	779	740	764
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	774	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	777	786
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	391	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	390	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	414

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