

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

**Date of Reporting: 16-Mar-16
System Reliability Indices Report for: 15-Mar-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	6	1.50	6.25
2	ER-NR	0	0.00	0.00
3	NEW-SR	13	3.25	13.54
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 15-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%	788	744	765
	Fatehpur	0.00%	100.00%	0.00%	0.00%	768	733	749
	Moga	0.00%	94.58%	5.42%	5.42%	805	764	787
	Phagi	0.00%	100.00%	0.00%	0.00%	784	748	764
WR	Aurangabad	0.00%	99.24%	0.76%	0.76%	803	755	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	756	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	747	769
	Sholapur	0.00%	92.71%	3.33%	3.33%	813	765	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	761	777
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	771	784
	Raichur	0.00%	95.69%	4.31%	4.31%	809	771	789
	Thiruvalam	0.00%	75.83%	24.17%	24.17%	810	780	794
ER	Gaya	0.00%	100.00%	0.00%	0.00%	759	731	747
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	787	766	777
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	767	780
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	393	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	389	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	411

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