

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

Date of Reporting: **25-Mar-16**  
System Reliability Indices Report for: **24-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	1	0.25	1.04
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 24-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%	797	759	779
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	738	762
	Moga	0.00%	99.86%	0.14%	0.14%	801	763	784
	Phagi	0.00%	100.00%	0.00%	0.00%	791	763	777
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	765	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	769	769	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	763	781
	Sholapur	0.00%	93.54%	5.69%	5.69%	816	771	786
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	797	767	782
	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	771	779
	Raichur	0.00%	98.89%	1.11%	1.11%	806	770	783
	Thiruvalam	0.00%	98.40%	1.60%	1.60%	805	779	791
ER	Gaya	0.00%	100.00%	0.00%	0.00%	752	752	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	776	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	778	788
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	411
	Silchar (400 kV)	0.00%	81.32%	18.68%	18.68%	422	402	415

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