

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

Date of Reporting: **20-Mar-16**  
System Reliability Indices Report for: **19-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	0	0.00	0.00
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 19-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%	787	755	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	768	737	753
	Moga	0.00%	98.82%	1.18%	1.18%	802	760	783
	Phagi	0.00%	100.00%	0.00%	0.00%	777	749	765
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	751	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	761	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	756	771
	Sholapur	0.00%	85.35%	14.58%	14.58%	809	762	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	754	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	775	786
	Raichur	0.00%	83.47%	16.53%	16.53%	809	769	791
	Thiruvalam	0.00%	70.97%	29.03%	29.03%	810	784	796
ER	Gaya	0.00%	100.00%	0.00%	0.00%	752	752	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	785	770	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	773	781
NER	Balipara (400 kV)	0.00%	94.03%	5.97%	5.97%	423	391	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	387	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	410

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