

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

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

**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	Import of NR	1	0.25	1.04
4	NEW-SR	7	1.75	7.29
5	NER Import	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	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	NER Import	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-2017

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%	791	754	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	761	767
	Ballia	0.00%	100.00%	0.00%	0.00%	785	757	771
	Bhiwani	0.00%	81.11%	18.89%	18.89%	812	768	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	747	763
	Jhatikara	0.00%	82.99%	17.01%	17.01%	810	764	787
	Lucknow	0.00%	100.00%	0.00%	0.00%	789	754	774
	Meerut	0.00%	86.04%	8.96%	8.96%	807	767	788
	Moga	0.00%	99.93%	0.07%	0.07%	800	768	790
	Phagi	0.00%	100.00%	0.00%	0.00%	800	763	779
Unnao	0.00%	100.00%	0.00%	0.00%	773	731	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	764	774
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	757	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	755	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	757	763
	Bina	0.00%	100.00%	0.00%	0.00%	790	764	776
	Champa	0.00%	100.00%	0.00%	0.00%	795	778	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	768	777
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	777	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	763	779
	Indore	0.00%	100.00%	0.00%	0.00%	784	757	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	771	782
	Koradi	0.00%	100.00%	0.00%	0.00%	777	759	768
	Pune	0.00%	100.00%	0.00%	0.00%	796	745	778
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	790	776	783
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	769	773
	Sasan	0.00%	100.00%	0.00%	0.00%	772	758	765
	Satna	0.00%	100.00%	0.00%	0.00%	777	759	769
	Seoni	0.00%	100.00%	0.00%	0.00%	788	755	773
	Sipat	0.00%	100.00%	0.00%	0.00%	767	757	762
	Sholapur	0.00%	99.79%	0.21%	0.21%	802	764	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	789	778	783	
Tirora	0.00%	100.00%	0.00%	0.00%	769	756	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	760	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	762	767	
Wardha	0.00%	100.00%	0.00%	0.00%	792	783	790	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	767	778
	Raichur	0.00%	100.00%	0.00%	0.00%	800	768	786
	Kurnool	0.00%	96.46%	3.54%	3.54%	802	771	788
	Thiruvalam	0.00%	87.78%	12.22%	12.22%	802	779	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	765	778
	Gaya	0.00%	100.00%	0.00%	0.00%	785	758	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	778	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	774	783
Sasaram	0.00%	100.00%	0.00%	0.00%	780	749	766	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	409	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	390	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	403
	Misa (400 kV)	0.00%	99.86%	0.14%	0.14%	421	399	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	404

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