

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

Date of Reporting: **17-Feb-17**  
System Reliability Indices Report for: **16-Feb-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	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
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-Feb-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%	788	755	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	761	765
	Ballia	0.00%	100.00%	0.00%	0.00%	784	784	784
	Bhiwani	0.00%	81.60%	18.40%	18.40%	807	765	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	741	759
	Jhatikara	0.00%	84.03%	15.97%	15.97%	807	763	786
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	760	772
	Meerut	0.00%	86.11%	11.11%	11.11%	806	763	787
	Moga	0.00%	92.71%	7.29%	7.29%	805	760	784
Phagi	0.00%	100.00%	0.00%	0.00%	794	742	778	
Unnao	0.00%	100.00%	0.00%	0.00%	770	741	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	798	758	779
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	760	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	760	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	755	765
	Bina	0.00%	100.00%	0.00%	0.00%	791	759	777
	Champa	0.00%	97.22%	1.39%	1.39%	803	784	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	768	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	760	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	758	777
	Indore	0.00%	100.00%	0.00%	0.00%	787	755	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	765	784
	Koradi	0.00%	100.00%	0.00%	0.00%	786	758	773
	Pune	0.00%	100.00%	0.00%	0.00%	797	747	772
	Raigarh PS (Kotra)	0.00%	90.63%	9.38%	9.38%	802	783	791
	Raipur PS (Durg)	0.00%	76.74%	23.26%	23.26%	800	782	788
	Sasan	0.00%	100.00%	0.00%	0.00%	777	760	769
	Satna	0.00%	100.00%	0.00%	0.00%	789	756	772
	Seoni	0.00%	100.00%	0.00%	0.00%	790	763	778
	Sipat	0.00%	100.00%	0.00%	0.00%	771	755	764
	Sholapur	0.00%	94.79%	5.21%	5.21%	805	771	789
Tamnara PS	0.00%	97.57%	2.43%	2.43%	801	783	791	
Tirora	0.00%	100.00%	0.00%	0.00%	778	756	767	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	767	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	761	772	
Wardha	0.00%	100.00%	0.00%	0.00%	800	772	788	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	785	763	776
	Raichur	0.00%	100.00%	0.00%	0.00%	796	769	784
	Kurnool	0.00%	100.00%	0.00%	0.00%	794	0	785
	Thiruvalam	0.00%	81.53%	18.47%	18.47%	802	0	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	775	787
	Gaya	0.00%	100.00%	0.00%	0.00%	784	758	771
	Jharsuguda	0.00%	97.92%	2.08%	2.08%	802	781	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	774	786
Sasaram	0.00%	100.00%	0.00%	0.00%	779	728	758	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	391	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	391	405
	Misa (400 kV)	0.00%	82.29%	17.71%	17.71%	425	399	413
	Silchar (400 kV)	1.40%	98.60%	0.00%	1.40%	417	348	407

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