

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

Date of Reporting: **17-Oct-17**  
System Reliability Indices Report for: **16-Oct-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 15-Oct-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%	789	765	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	766	759	764
	Anpara-D	0.00%	100.00%	0.00%	0.00%	765	759	763
	Anta	0.00%	100.00%	0.00%	0.00%	790	776	784
	Bara	0.00%	100.00%	0.00%	0.00%	758	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	779	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	749	762
	Greater Noida	0.00%	100.00%	0.00%	0.00%	797	773	787
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	788	758	775
	Lalitpur	0.00%	100.00%	0.00%	0.00%	786	767	776
	Meerut	0.00%	97.78%	1.11%	1.11%	801	772	790
	Moga	0.00%	100.00%	0.00%	0.00%	798	769	787
Phagi	0.00%	100.00%	0.00%	0.00%	791	775	783	
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	772	779
	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	768	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	774	748	760
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	761	765
	Bina	0.00%	100.00%	0.00%	0.00%	782	761	772
	Champa	0.00%	100.00%	0.00%	0.00%	799	787	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	770	775
	Ektuni	0.00%	100.00%	0.00%	0.00%	787	769	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	763	777
	Indore	0.00%	100.00%	0.00%	0.00%	779	752	764
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	770	780
	Koradi	0.00%	100.00%	0.00%	0.00%	778	767	772
	Pune	0.00%	100.00%	0.00%	0.00%	791	744	769
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	789	794
	Sasan	0.00%	100.00%	0.00%	0.00%	765	755	761
	Satna	0.00%	100.00%	0.00%	0.00%	762	757	759
	Seoni	0.00%	100.00%	0.00%	0.00%	784	768	777
	Sipat	0.00%	100.00%	0.00%	0.00%	767	760	764
	Solapur	0.00%	84.24%	15.76%	15.76%	804	783	795
	Tamnar	0.00%	100.00%	0.00%	0.00%	800	790	795
Tirora	0.00%	100.00%	0.00%	0.00%	773	764	769	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	762	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	757	763	
Wardha	0.00%	100.00%	0.00%	0.00%	796	772	785	
SR	Kurnool	0.00%	87.29%	12.71%	12.71%	805	785	794
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	784	791
	Raichur	0.00%	90.76%	9.24%	9.24%	803	784	793
	Nizamabad	0.00%	100.00%	0.00%	0.00%	799	782	790
	Srikakulam	0.00%	92.57%	7.43%	7.43%	803	775	791
	Thiruvallam	0.00%	4.65%	95.35%	95.35%	817	799	807
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	779	788
	Gaya	0.00%	100.00%	0.00%	0.00%	780	757	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	784	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	776	785
Sasaram	0.00%	100.00%	0.00%	0.00%	778	753	765	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	386	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	399	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	398	402
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	412
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	386	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	419	401	405
	Misa (400 kV)	0.00%	99.58%	0.42%	0.42%	420	402	415
	Ranganadi (400 kV)	0.00%	92.64%	7.36%	7.36%	421	401	415
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	410

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