

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

Date of Reporting: **5-Oct-17**  
System Reliability Indices Report for: **4-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 04-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%	791	766	780
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	775	758	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	765	757	762
	Anpara-D	0.00%	100.00%	0.00%	0.00%	764	757	761
	Anta	0.00%	100.00%	0.00%	0.00%	787	768	778
	Ballia	0.00%	100.00%	0.00%	0.00%	783	758	772
	Bara	0.00%	100.00%	0.00%	0.00%	771	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	771	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	757	773
	Greater Noida	0.00%	100.00%	0.00%	0.00%	794	770	783
	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	767	783
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	786	758	774
	Lalitpur	0.00%	100.00%	0.00%	0.00%	779	766	772
	Meerut	0.00%	96.67%	0.97%	0.97%	801	766	785
	Moga	0.00%	100.00%	0.00%	0.00%	796	765	782
Phagi	0.00%	100.00%	0.00%	0.00%	793	769	780	
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	760	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	757	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	773	753	762
	Bilaspur	0.00%	100.00%	0.00%	0.00%	766	756	761
	Bina	0.00%	100.00%	0.00%	0.00%	782	763	772
	Champa	0.00%	100.00%	0.00%	0.00%	794	780	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	764	771
	Ektuni	0.00%	100.00%	0.00%	0.00%	789	754	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	764	777
	Indore	0.00%	100.00%	0.00%	0.00%	777	751	765
	Jabalpur	0.00%	100.00%	0.00%	0.00%	785	769	776
	Koradi	0.00%	100.00%	0.00%	0.00%	777	758	770
	Pune	0.00%	100.00%	0.00%	0.00%	794	733	771
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	791	779	787
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	782	772	776
	Sasan	0.00%	100.00%	0.00%	0.00%	764	753	758
	Satna	0.00%	100.00%	0.00%	0.00%	774	758	765
	Seoni	0.00%	100.00%	0.00%	0.00%	780	764	773
	Sipat	0.00%	100.00%	0.00%	0.00%	764	756	760
	Solapur	0.00%	100.00%	0.00%	0.00%	800	770	788
Tamnar	0.00%	100.00%	0.00%	0.00%	794	782	789	
Tirora	0.00%	100.00%	0.00%	0.00%	772	757	766	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	759	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	764	756	760	
Wardha	0.00%	100.00%	0.00%	0.00%	792	767	781	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	800	771	788
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	776	786
	Raichur	0.00%	100.00%	0.00%	0.00%	798	772	788
	Nizamabad	0.00%	100.00%	0.00%	0.00%	787	769	779
	Srikakulam	0.00%	95.42%	4.58%	4.58%	801	789	795
	Thiruvallam	0.00%	66.25%	33.75%	33.75%	810	783	796
	Vemagiri	0.00%	100.00%	0.00%	0.00%	799	785	791
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	782	789
	Gaya	0.00%	100.00%	0.00%	0.00%	780	757	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	781	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	770	780
	Sasaram	0.00%	100.00%	0.00%	0.00%	788	755	774
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	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	401
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	421	401	405
	Misa (400 kV)	0.00%	99.10%	0.90%	0.90%	423	402	411
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	416
	Biswanath Chariali (400 kV)	0.00%	99.86%	0.00%	0.00%	420	402	407
	Silchar (400 kV)	0.00%	99.86%	0.14%	0.14%	421	402	410

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