

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

Date of Reporting: **11-Oct-17**  
System Reliability Indices Report for: **10-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 10-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	766	778
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	775	758	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	763	756	759
	Anpara-D	0.00%	100.00%	0.00%	0.00%	763	754	758
	Anta	0.00%	100.00%	0.00%	0.00%	785	771	777
	Ballia	0.00%	100.00%	0.00%	0.00%	776	756	766
	Bara	0.00%	100.00%	0.00%	0.00%	771	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	770	784
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	757	771
	Greater Noida	0.00%	100.00%	0.00%	0.00%	791	771	782
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	783	758	770
	Lalitpur	0.00%	100.00%	0.00%	0.00%	780	766	773
	Meerut	0.00%	100.00%	0.00%	0.00%	795	767	783
	Moga	0.00%	100.00%	0.00%	0.00%	794	763	780
	Phagi	0.00%	100.00%	0.00%	0.00%	791	767	779
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	769	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	772	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	753	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	760	765
	Bina	0.00%	100.00%	0.00%	0.00%	783	766	772
	Champa	0.00%	98.19%	0.63%	0.63%	803	788	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	770	775
	Ektuni	0.00%	100.00%	0.00%	0.00%	786	766	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	765	777
	Indore	0.00%	100.00%	0.00%	0.00%	777	754	766
	Jabalpur	0.00%	100.00%	0.00%	0.00%	780	780	780
	Koradi	0.00%	100.00%	0.00%	0.00%	778	765	772
	Pune	0.00%	100.00%	0.00%	0.00%	799	748	776
	Raigarh Pooling	0.00%	99.86%	0.14%	0.14%	800	786	793
	Raipur Pooling	0.00%	97.77%	2.23%	2.23%	800	790	790
	Sasan	0.00%	100.00%	0.00%	0.00%	768	758	762
	Satna	0.00%	100.00%	0.00%	0.00%	774	758	765
	Seoni	0.00%	100.00%	0.00%	0.00%	789	770	778
	Sipat	0.00%	100.00%	0.00%	0.00%	769	760	764
	Solapur	0.00%	79.05%	20.95%	20.95%	808	781	795
	Tamnar	0.00%	100.00%	0.00%	0.00%	800	787	793
Tirora	0.00%	100.00%	0.00%	0.00%	774	763	768	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	763	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	769	761	764	
Wardha	0.00%	99.86%	0.14%	0.14%	802	777	789	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	799	770	786
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	773	785
	Raichur	0.00%	100.00%	0.00%	0.00%	799	779	789
	Nizamabad	0.00%	100.00%	0.00%	0.00%	798	778	789
	Srikakulam	0.00%	88.19%	11.81%	11.81%	803	787	796
	Thiruvallam	0.00%	57.36%	42.64%	42.64%	810	769	799
	Vemagiri	0.00%	100.00%	0.00%	0.00%	800	782	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	797	780	790
	Gaya	0.00%	100.00%	0.00%	0.00%	778	759	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	784	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	774	784
	Sasaram	0.00%	100.00%	0.00%	0.00%	789	742	762
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%	406	398	402
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	392	411
	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%	100.00%	0.00%	0.00%	418	402	412
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	413
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	410
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	408	

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