

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

Date of Reporting: **12-Oct-17**  
System Reliability Indices Report for: **11-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 11-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%	788	769	780
	Agra (Fatehabad)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Anpara-C	0.00%	100.00%	0.00%	0.00%	764	757	761
	Anpara-D	0.00%	100.00%	0.00%	0.00%	764	757	761
	Anta	0.00%	100.00%	0.00%	0.00%	785	771	779
	Ballia	0.00%	100.00%	0.00%	0.00%	785	754	773
	Bara	0.00%	100.00%	0.00%	0.00%	758	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	770	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	757	772
	Greater Noida	0.00%	100.00%	0.00%	0.00%	793	769	783
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	786	757	775
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	768	774
	Meerut	0.00%	100.00%	0.00%	0.00%	798	768	785
	Moga	0.00%	100.00%	0.00%	0.00%	795	764	781
	Phagi	0.00%	100.00%	0.00%	0.00%	790	771	780
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	769	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	771	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	777	760	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	768	759	764
	Bina	0.00%	100.00%	0.00%	0.00%	779	766	772
	Champa	0.00%	100.00%	0.00%	0.00%	799	782	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	767	774
	Ektuni	0.00%	100.00%	0.00%	0.00%	786	769	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	768	777
	Indore	0.00%	100.00%	0.00%	0.00%	777	757	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	784	772	779
	Koradi	0.00%	100.00%	0.00%	0.00%	776	765	771
	Pune	0.00%	100.00%	0.00%	0.00%	795	750	775
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	782	790
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	790	781	787
	Sasan	0.00%	100.00%	0.00%	0.00%	766	759	762
	Satna	0.00%	100.00%	0.00%	0.00%	769	757	765
	Seoni	0.00%	100.00%	0.00%	0.00%	784	769	777
	Sipat	0.00%	100.00%	0.00%	0.00%	766	759	763
	Solapur	0.00%	85.63%	14.38%	14.38%	805	782	795
	Tamnar	0.00%	100.00%	0.00%	0.00%	795	784	791
Tirora	0.00%	100.00%	0.00%	0.00%	772	761	767	
Vadodara	0.00%	100.00%	0.00%	0.00%	787	765	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	767	761	763	
Wardha	0.00%	100.00%	0.00%	0.00%	796	775	786	
SR	Kurnool	0.00%	95.42%	4.58%	4.58%	803	772	787
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	775	785
	Raichur	0.00%	94.17%	5.83%	5.83%	806	779	790
	Nizamabad	0.00%	96.59%	3.41%	3.41%	803	780	789
	Srikakulam	0.00%	88.96%	11.04%	11.04%	802	784	795
	Thiruvallam	0.00%	67.29%	32.71%	32.71%	812	785	797
	Vemagiri	0.00%	100.00%	0.00%	0.00%	799	785	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	778	789
	Gaya	0.00%	100.00%	0.00%	0.00%	781	759	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	781	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	773	783
	Sasaram	0.00%	100.00%	0.00%	0.00%	780	740	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%	408	398	403
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	412
	Byrnihat (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%	416	402	410
	Siichar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	409

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