

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

Date of Reporting: **13-Oct-17**  
System Reliability Indices Report for: **12-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 12-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%	793	770	782
	Agra (Fatehabad)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	762	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	770	762	765
	Anta	0.00%	100.00%	0.00%	0.00%	792	773	784
	Ballia	0.00%	100.00%	0.00%	0.00%	792	770	782
	Bara	0.00%	100.00%	0.00%	0.00%	758	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	774	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	762	776
	Greater Noida	0.00%	100.00%	0.00%	0.00%	797	774	786
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	766	781
	Lalitpur	0.00%	100.00%	0.00%	0.00%	784	770	776
	Meerut	0.00%	97.55%	1.12%	1.12%	802	770	788
	Moga	0.00%	100.00%	0.00%	0.00%	797	767	784
	Phagi	0.00%	100.00%	0.00%	0.00%	794	771	783
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	764	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	761	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	752	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	758	764
	Bina	0.00%	100.00%	0.00%	0.00%	783	760	770
	Champa	0.00%	99.72%	0.00%	0.00%	800	784	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	768	774
	Ektuni	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	765	777
	Indore	0.00%	100.00%	0.00%	0.00%	782	748	765
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	766	777
	Koradi	0.00%	100.00%	0.00%	0.00%	776	761	769
	Pune	0.00%	100.00%	0.00%	0.00%	784	736	766
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	784	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	779	786
	Sasan	0.00%	100.00%	0.00%	0.00%	767	754	759
	Satna	0.00%	100.00%	0.00%	0.00%	773	752	758
	Seoni	0.00%	100.00%	0.00%	0.00%	786	763	775
	Sipat	0.00%	100.00%	0.00%	0.00%	767	758	762
	Solapur	0.00%	88.95%	11.05%	11.05%	808	774	791
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	785	792
Tirora	0.00%	100.00%	0.00%	0.00%	771	760	766	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	755	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	761	
Wardha	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	785	
SR	Kurnool	0.00%	92.38%	7.62%	7.62%	804	777	789
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	776	786
	Raichur	0.00%	92.24%	7.76%	7.76%	808	777	791
	Nizamabad	0.00%	100.00%	0.00%	0.00%	799	774	789
	Srikakulam	0.00%	97.06%	2.94%	2.94%	801	784	795
	Thiruvallam	0.00%	68.46%	31.54%	31.54%	811	787	798
ER	Vemagiri	0.00%	100.00%	0.00%	0.00%	798	779	790
	Angul	0.00%	100.00%	0.00%	0.00%	794	779	788
	Gaya	0.00%	100.00%	0.00%	0.00%	789	768	780
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	782	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	773	783
NER	Sasaram	0.00%	100.00%	0.00%	0.00%	784	741	759
	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%	411	398	403
	Bongaigaon TPS (400 kV)	0.00%	99.72%	0.28%	0.28%	420	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%	99.58%	0.42%	0.42%	420	402	411
	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%	418	402	408
Siichar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	410	

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