

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

Date of Reporting: **9-Oct-17**  
System Reliability Indices Report for: **8-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 08-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	776	786
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	775	758	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	766	758	762
	Anpara-D	0.00%	100.00%	0.00%	0.00%	766	756	762
	Anta	0.00%	100.00%	0.00%	0.00%	788	779	784
	Ballia	0.00%	100.00%	0.00%	0.00%	786	756	772
	Bara	0.00%	100.00%	0.00%	0.00%	771	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	782	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	760	775
	Greater Noida	0.00%	100.00%	0.00%	0.00%	795	776	788
	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	783	790
	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%	779	770	775
	Meerut	0.00%	97.50%	0.56%	0.56%	801	775	789
	Moga	0.00%	100.00%	0.00%	0.00%	792	771	784
Phagi	0.00%	100.00%	0.00%	0.00%	791	777	786	
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	766	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	764	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	775	756	764
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	763	768
	Bina	0.00%	100.00%	0.00%	0.00%	783	772	776
	Champa	0.00%	84.10%	6.60%	6.60%	802	792	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	774	778
	Ektuni	0.00%	100.00%	0.00%	0.00%	784	764	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	776	783
	Indore	0.00%	100.00%	0.00%	0.00%	778	757	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	780	780	780
	Koradi	0.00%	100.00%	0.00%	0.00%	777	763	771
	Pune	0.00%	100.00%	0.00%	0.00%	789	743	767
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	791	795
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	791	791
	Sasan	0.00%	100.00%	0.00%	0.00%	766	754	759
	Satna	0.00%	100.00%	0.00%	0.00%	774	764	767
	Seoni	0.00%	100.00%	0.00%	0.00%	790	771	781
	Sipat	0.00%	100.00%	0.00%	0.00%	770	762	767
	Solapur	0.00%	90.28%	9.72%	9.72%	803	780	793
Tamnar	0.00%	100.00%	0.00%	0.00%	799	791	796	
Tirora	0.00%	100.00%	0.00%	0.00%	772	762	768	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	763	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	767	757	761	
Wardha	0.00%	97.57%	2.43%	2.43%	802	774	787	
SR	Kurnool	0.00%	94.72%	5.28%	5.28%	802	781	793
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	778	793
	Raichur	0.00%	97.50%	2.50%	2.50%	800	781	791
	Nizamabad	0.00%	100.00%	0.00%	0.00%	799	776	788
	Srikakulam	0.00%	37.57%	62.43%	62.43%	805	795	801
	Thiruvalam	0.00%	0.00%	100.00%	100.00%	810	800	806
ER	Vemagiri	0.00%	93.88%	6.12%	6.12%	801	791	797
	Angul	0.00%	100.00%	0.00%	0.00%	799	788	794
	Gaya	0.00%	100.00%	0.00%	0.00%	783	759	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	789	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	779	786
	Sasaram	0.00%	100.00%	0.00%	0.00%	786	744	765
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	386	408
	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%	410	398	403
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	413
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	386	408
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	420	401	405
	Misa (400 kV)	0.00%	98.40%	1.60%	1.60%	422	402	414
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	416
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	411
	Silchar (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.