

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

Date of Reporting: **24-Oct-17**  
System Reliability Indices Report for: **23-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 23-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%	794	769	780
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	763	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	762	766
	Anta	0.00%	100.00%	0.00%	0.00%	787	769	779
	Bara	0.00%	100.00%	0.00%	0.00%	759	763	769
	Bhiwani	0.00%	96.39%	3.61%	3.61%	805	782	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	754	766
	Greater Noida	0.00%	96.94%	3.06%	3.06%	804	776	788
	Jhatikara	0.00%	98.19%	1.81%	1.81%	802	778	790
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	783	769	777
	Lalitpur	0.00%	100.00%	0.00%	0.00%	777	769	772
	Meerut	0.00%	92.99%	5.69%	5.69%	808	774	788
	Moga	0.00%	97.64%	2.36%	2.36%	803	775	788
	Phagi	0.00%	100.00%	0.00%	0.00%	793	769	781
	Varanasi	0.00%	100.00%	0.00%	0.00%	786	770	779
Unnao	0.00%	100.00%	0.00%	0.00%	764	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	763	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	756	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	755	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	768	758	764
	Bina	0.00%	100.00%	0.00%	0.00%	785	762	773
	Champa	0.00%	100.00%	0.00%	0.00%	798	783	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	765	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	765	780
	Ektuni	0.00%	100.00%	0.00%	0.00%	787	759	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	766	778
	Indore	0.00%	100.00%	0.00%	0.00%	790	753	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	764	775
	Koradi	0.00%	100.00%	0.00%	0.00%	775	761	768
	Pune	0.00%	100.00%	0.00%	0.00%	795	747	773
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	781	790
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	780	770	778
	Sasan	0.00%	100.00%	0.00%	0.00%	771	761	766
	Satna	0.00%	100.00%	0.00%	0.00%	776	762	767
	Seoni	0.00%	100.00%	0.00%	0.00%	783	762	774
	Sipat	0.00%	100.00%	0.00%	0.00%	767	758	763
Solapur	0.00%	99.38%	0.63%	0.63%	801	768	788	
Tamnar	0.00%	100.00%	0.00%	0.00%	797	783	791	
Tirora	0.00%	100.00%	0.00%	0.00%	769	758	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	768	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	765	769	
Wardha	0.00%	100.00%	0.00%	0.00%	793	759	779	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	797	766	781
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	769	781
	Raichur	0.00%	100.00%	0.00%	0.00%	799	772	783
	Nizamabad	0.00%	100.00%	0.00%	0.00%	790	761	775
	Srikakulam	0.00%	100.00%	0.00%	0.00%	798	783	791
	Thiruvallam	0.00%	76.18%	23.82%	23.82%	811	780	792
Vemagiri	0.00%	100.00%	0.00%	0.00%	796	777	785	
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	777	786
	Gaya	0.00%	100.00%	0.00%	0.00%	780	763	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	781	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	775	783
	Sasaram	0.00%	100.00%	0.00%	0.00%	768	747	759
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	405
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	414
	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%	96.46%	3.54%	3.54%	421	402	415
	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%	417	402	411
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	412	

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