

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

Date of Reporting: **29-Oct-17**  
System Reliability Indices Report for: **28-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 28-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%	791	764	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	761	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	770	762	766
	Anta	0.00%	100.00%	0.00%	0.00%	785	768	776
	Bara	0.00%	100.00%	0.00%	0.00%	759	763	769
	Bhiwani	0.00%	94.79%	5.21%	5.21%	804	781	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	753	764
	Greater Noida	0.00%	97.29%	2.71%	2.71%	802	777	790
	Jhatikara	0.00%	99.72%	0.28%	0.28%	800	775	789
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	789	762	779
	Lalitpur	0.00%	100.00%	0.00%	0.00%	783	766	775
	Meerut	0.00%	92.01%	7.50%	7.50%	809	778	792
	Moga	0.00%	99.51%	0.49%	0.49%	806	776	790
	Phagi	0.00%	100.00%	0.00%	0.00%	795	767	778
	Varanasi	0.00%	100.00%	0.00%	0.00%	787	766	779
Unnao	0.00%	100.00%	0.00%	0.00%	768	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	757	771
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	760	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	748	764
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	759	765
	Bina	0.00%	100.00%	0.00%	0.00%	784	760	771
	Champa	0.00%	85.28%	6.25%	6.25%	803	791	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	770	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	760	777
	Ektuni	0.00%	100.00%	0.00%	0.00%	783	752	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	765	777
	Indore	0.00%	100.00%	0.00%	0.00%	785	751	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	765	776
	Koradi	0.00%	100.00%	0.00%	0.00%	775	755	765
	Pune	0.00%	100.00%	0.00%	0.00%	798	747	772
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	789	793
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	786	787
	Sasan	0.00%	100.00%	0.00%	0.00%	765	755	760
	Satna	0.00%	100.00%	0.00%	0.00%	769	761	765
	Seoni	0.00%	100.00%	0.00%	0.00%	788	765	776
	Sipat	0.00%	100.00%	0.00%	0.00%	769	760	764
	Solapur	0.00%	97.15%	2.85%	2.85%	805	775	790
	Tamnar	0.00%	100.00%	0.00%	0.00%	798	790	794
	Tirora	0.00%	100.00%	0.00%	0.00%	770	754	762
Vadodara	0.00%	100.00%	0.00%	0.00%	792	766	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	768	758	763	
Wardha	0.00%	100.00%	0.00%	0.00%	798	769	786	
SR	Kurnool	0.00%	72.43%	27.57%	27.57%	810	777	794
	Nellore PS	0.00%	76.46%	23.54%	23.54%	807	783	794
	Raichur	0.00%	89.93%	10.07%	10.07%	803	775	790
	Nizamabad	0.00%	99.38%	0.63%	0.63%	801	768	786
	Srikakulam	0.00%	100.00%	0.00%	0.00%	799	781	792
	Thiruvalam	0.00%	62.64%	37.36%	37.36%	815	788	800
ER	Vemagiri	0.00%	100.00%	0.00%	0.00%	796	777	789
	Angul	0.00%	100.00%	0.00%	0.00%	794	779	787
	Gaya	0.00%	100.00%	0.00%	0.00%	782	760	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	785	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	778	787
NER	Sasaram	0.00%	100.00%	0.00%	0.00%	780	737	756
	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	411
	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%	411	386	408
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	420	401	405
	Misa (400 kV)	0.00%	99.58%	0.42%	0.42%	420	402	412
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	409
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	408
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	411	

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