

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

Date of Reporting: **21-Oct-17**  
System Reliability Indices Report for: **20-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 20-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	765	782
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	758	765
	Anpara-D	0.00%	100.00%	0.00%	0.00%	773	758	765
	Anta	0.00%	100.00%	0.00%	0.00%	788	775	782
	Bara	0.00%	100.00%	0.00%	0.00%	760	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	780	792
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	750	766
	Greater Noida	0.00%	98.19%	1.81%	1.81%	801	773	790
	Jhatikara	0.00%	98.88%	1.12%	1.12%	801	776	790
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	754	775
	Lalitpur	0.00%	100.00%	0.00%	0.00%	783	769	775
	Meerut	0.00%	90.57%	5.03%	5.03%	805	769	790
	Moga	0.00%	100.00%	0.00%	0.00%	794	769	786
	Phagi	0.00%	100.00%	0.00%	0.00%	795	776	784
	Varanasi	0.00%	100.00%	0.00%	0.00%	790	763	778
Unnao	0.00%	100.00%	0.00%	0.00%	772	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	771	780
	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	764	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	774	751	763
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	760	765
	Bina	0.00%	100.00%	0.00%	0.00%	783	764	774
	Champa	0.00%	100.00%	0.00%	0.00%	796	785	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	768	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	756	775
	Ektuni	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	768	780
	Indore	0.00%	100.00%	0.00%	0.00%	778	753	766
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	766	778
	Koradi	0.00%	100.00%	0.00%	0.00%	776	766	772
	Pune	0.00%	100.00%	0.00%	0.00%	787	760	773
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	792	784	789
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	790	778	779
	Sasan	0.00%	100.00%	0.00%	0.00%	772	754	764
	Satna	0.00%	100.00%	0.00%	0.00%	777	748	766
	Seoni	0.00%	100.00%	0.00%	0.00%	783	768	778
	Sipat	0.00%	100.00%	0.00%	0.00%	768	760	764
	Solapur	0.00%	99.44%	0.56%	0.56%	802	779	792
	Tamnar	0.00%	100.00%	0.00%	0.00%	794	786	790
	Tirora	0.00%	100.00%	0.00%	0.00%	770	762	767
Vadodara	0.00%	100.00%	0.00%	0.00%	792	766	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	766	
Wardha	0.00%	100.00%	0.00%	0.00%	#N/A	#N/A	783	
SR	Kurnool	0.00%	92.18%	7.82%	7.82%	802	772	788
	Nellore PS	0.00%	96.30%	3.70%	3.70%	801	779	790
	Raichur	0.00%	100.00%	0.00%	0.00%	800	778	790
	Nizamabad	0.00%	100.00%	0.00%	0.00%	793	775	785
	Srikakulam	0.00%	92.59%	7.41%	7.41%	802	772	792
	Thiruvalam	0.00%	57.02%	42.98%	42.98%	816	786	800
Vemagiri	0.00%	100.00%	0.00%	0.00%	800	757	786	
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	780	790
	Gaya	0.00%	100.00%	0.00%	0.00%	786	756	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	783	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	777	787
	Sasaram	0.00%	100.00%	0.00%	0.00%	784	734	761
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	409
	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%	415	398	405
	Bongaigaon TPS (400 kV)	0.00%	98.67%	1.33%	1.33%	424	392	414
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	409
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	421	401	405
	Misa (400 kV)	0.00%	98.53%	1.47%	1.47%	424	402	413
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	416
	Biswanath Chariali (400 kV)	0.00%	99.23%	0.70%	0.70%	422	402	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	413

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