

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

Date of Reporting: **20-Oct-17**
System Reliability Indices Report for: **19-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 19-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%	795	772	784
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	760	765
	Anpara-D	0.00%	100.00%	0.00%	0.00%	772	759	765
	Anta	0.00%	100.00%	0.00%	0.00%	794	775	786
	Bara	0.00%	100.00%	0.00%	0.00%	758	763	769
	Bhiwani	0.00%	92.36%	7.64%	7.64%	802	783	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	751	768
	Greater Noida	0.00%	97.50%	2.50%	2.50%	801	781	791
	Jhatikara	0.00%	97.43%	2.57%	2.57%	802	780	791
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	785	756	773
	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	769	776
	Meerut	0.00%	92.29%	5.42%	5.42%	805	777	792
	Moga	0.00%	100.00%	0.00%	0.00%	800	772	786
	Phagi	0.00%	100.00%	0.00%	0.00%	796	777	787
	Varanasi	0.00%	100.00%	0.00%	0.00%	787	763	777
Unnao	0.00%	100.00%	0.00%	0.00%	768	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	767	780
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	766	785
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	756	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	762	767
	Bina	0.00%	100.00%	0.00%	0.00%	785	768	779
	Champa	0.00%	100.00%	0.00%	0.00%	798	788	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	771	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	765	781
	Ektuni	0.00%	100.00%	0.00%	0.00%	790	765	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	770	783
	Indore	0.00%	100.00%	0.00%	0.00%	782	759	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	775	785
	Koradi	0.00%	100.00%	0.00%	0.00%	777	763	772
	Pune	0.00%	100.00%	0.00%	0.00%	784	761	772
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	793	785	789
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	778	783
	Sasan	0.00%	100.00%	0.00%	0.00%	768	757	764
	Satna	0.00%	100.00%	0.00%	0.00%	774	762	767
	Seoni	0.00%	100.00%	0.00%	0.00%	789	770	782
	Sipat	0.00%	100.00%	0.00%	0.00%	770	762	766
	Solapur	0.00%	80.21%	19.79%	19.79%	805	779	794
	Tamnar	0.00%	100.00%	0.00%	0.00%	795	787	791
	Tirora	0.00%	100.00%	0.00%	0.00%	771	761	767
Vadodara	0.00%	100.00%	0.00%	0.00%	794	773	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	769	760	766	
Wardha	0.00%	100.00%	0.00%	0.00%	800	773	788	
SR	Kurnool	0.00%	80.00%	20.00%	20.00%	806	781	793
	Nellore PS	0.00%	86.04%	13.96%	13.96%	802	786	793
	Raichur	0.00%	86.11%	13.89%	13.89%	803	781	792
	Nizamabad	0.00%	100.00%	0.00%	0.00%	799	776	790
	Srikakulam	0.00%	86.39%	13.61%	13.61%	803	790	798
	Thiruvallam	0.00%	10.21%	89.79%	89.79%	821	798	807
Vemagiri	0.00%	99.44%	0.56%	0.56%	801	786	794	
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	783	791
	Gaya	0.00%	100.00%	0.00%	0.00%	782	757	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	785	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	777	787
	Sasaram	0.00%	100.00%	0.00%	0.00%	783	760	771
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	404
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	392	413
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	386	408
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	421	401	405
	Misa (400 kV)	0.00%	99.38%	0.63%	0.63%	420	402	413
	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	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	413

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