

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

**Date of Reporting: 21-Nov-16
System Reliability Indices Report for: 20-Nov-16**

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	31	7.75	32.29
5	NER Import	3	0.75	3.13

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	2	0.50	2.08
4	NER Import	3	0.75	3.13

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-Nov-2016

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	761	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	762	767
	Ballia	0.00%	100.00%	0.00%	0.00%	792	770	781
	Bhiwani	0.00%	69.93%	30.07%	30.07%	810	772	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	748	764
	Jhatikara	0.00%	71.39%	28.61%	28.61%	809	770	791
	Lucknow	0.00%	96.11%	3.89%	3.89%	803	776	791
	Meerut	0.00%	99.93%	0.00%	0.00%	800	760	781
	Moga	0.00%	100.00%	0.00%	0.00%	799	759	783
Phagi	0.00%	99.31%	0.69%	0.69%	803	766	786	
Unnao	0.00%	100.00%	0.00%	0.00%	771	747	760	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	740	768
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	745	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	746	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	758	767
	Bina	0.00%	100.00%	0.00%	0.00%	790	762	778
	Champa	0.00%	97.57%	1.39%	1.39%	802	783	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	765	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	749	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	764	782
	Indore	0.00%	100.00%	0.00%	0.00%	788	748	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	762	778
	Koradi	0.00%	100.00%	0.00%	0.00%	774	740	759
	Pune	0.00%	100.00%	0.00%	0.00%	792	735	767
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	779	788
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	771	771	771
	Sasan	0.00%	100.00%	0.00%	0.00%	774	760	767
	Satna	0.00%	100.00%	0.00%	0.00%	785	763	774
	Seoni	0.00%	100.00%	0.00%	0.00%	792	756	776
	Sipat	0.00%	100.00%	0.00%	0.00%	773	758	766
	Sholapur	0.00%	99.93%	0.07%	0.07%	800	755	782
Tamnara PS	0.00%	100.00%	0.00%	0.00%	796	780	789	
Tirora	0.00%	100.00%	0.00%	0.00%	770	744	759	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	763	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	765	770	
Wardha	0.00%	99.79%	0.21%	0.21%	800	756	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	777	784
	Raichur	0.00%	100.00%	0.00%	0.00%	797	768	783
	Kurnool	0.00%	98.68%	1.32%	1.32%	801	778	790
	Thiruvalam	0.00%	81.81%	18.19%	18.19%	805	786	795
ER	Angul	0.00%	100.00%	0.00%	0.00%	782	770	776
	Gaya	0.00%	100.00%	0.00%	0.00%	790	768	778
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	776	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	771	780
	Sasaram	0.00%	100.00%	0.00%	0.00%	777	747	763
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	405	410
	Balipara (400 kV)	0.00%	99.65%	0.35%	0.35%	420	396	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	410
	Misa (400 kV)	0.00%	53.40%	46.60%	46.60%	425	404	418
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	404	414

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