

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

**Date of Reporting: 18-Jan-17
System Reliability Indices Report for: 17-Jan-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	63	15.75	65.63
2	ER-NR	0	0.00	0.00
3	Import of NR	24	6.00	25.00
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	21	5.25	21.88
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 17-Jan-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	745	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	753	762
	Ballia	0.00%	100.00%	0.00%	0.00%	788	746	767
	Bhiwani	0.00%	99.31%	0.69%	0.69%	803	771	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	757	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	733	758
	Jhatikara	0.00%	86.67%	13.33%	13.33%	806	760	781
	Lucknow	0.00%	99.65%	0.35%	0.35%	801	760	779
	Meerut	0.00%	91.04%	6.25%	6.25%	808	755	783
	Moga	0.00%	97.36%	2.64%	2.64%	805	767	783
Phagi	0.00%	100.00%	0.00%	0.00%	796	754	774	
Unnao	0.00%	100.00%	0.00%	0.00%	768	732	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	757	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	754	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	753	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	749	764
	Bina	0.00%	100.00%	0.00%	0.00%	796	750	777
	Champa	0.00%	99.31%	0.00%	0.00%	800	775	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	795	762	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	766	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	754	777
	Indore	0.00%	100.00%	0.00%	0.00%	792	760	760
	Jabalpur	0.00%	99.44%	0.56%	0.56%	803	756	782
	Koradi	0.00%	100.00%	0.00%	0.00%	775	753	765
	Pune	0.00%	100.00%	0.00%	0.00%	795	745	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	775	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	766	778
	Sasan	0.00%	100.00%	0.00%	0.00%	778	757	768
	Satna	0.00%	100.00%	0.00%	0.00%	788	755	771
	Seoni	0.00%	100.00%	0.00%	0.00%	792	750	772
	Sipat	0.00%	100.00%	0.00%	0.00%	773	750	762
	Sholapur	0.00%	98.75%	1.25%	1.25%	803	761	784
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	775	785	
Tirora	0.00%	100.00%	0.00%	0.00%	770	755	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	760	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	761	768	
Wardha	0.00%	100.00%	0.00%	0.00%	798	756	779	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	767	779
	Raichur	0.00%	100.00%	0.00%	0.00%	799	762	781
	Kurnool	0.00%	99.86%	0.14%	0.14%	801	767	783
	Thiruvalam	0.00%	72.78%	27.22%	27.22%	811	777	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	775	785
	Gaya	0.00%	100.00%	0.00%	0.00%	786	753	770
	Jharsuguda	0.00%	97.92%	2.08%	2.08%	804	775	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	768	785
Sasaram	0.00%	100.00%	0.00%	0.00%	784	734	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	392	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	407
	Misa (400 kV)	0.00%	96.53%	3.47%	3.47%	426	399	413
	Silchar (400 kV)	0.00%	98.19%	1.81%	1.81%	423	403	415

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