

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

**Date of Reporting: 2-Jan-17
System Reliability Indices Report for: 1-Jan-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	Import of NR	13	3.25	13.54
4	NEW-SR	0	0.00	0.00
5	ER-NER	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	ER-NER	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 01-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%	796	755	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	754	760
	Ballia	0.00%	100.00%	0.00%	0.00%	787	757	773
	Bhiwani	0.00%	72.85%	27.15%	27.15%	811	771	792
	Bareilly	0.00%	100.00%	0.00%	0.00%	758	758	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	741	764
	Jhatikara	0.00%	78.82%	21.18%	21.18%	810	770	791
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	767	784
	Meerut	0.00%	93.96%	4.72%	4.72%	816	761	789
	Moga	0.00%	100.00%	0.00%	0.00%	790	769	785
Phagi	0.00%	100.00%	0.00%	0.00%	798	757	780	
Unnao	0.00%	100.00%	0.00%	0.00%	769	739	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	756	774
	Aurangabad	0.00%	99.79%	0.21%	0.21%	801	756	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	750	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	753	766
	Bina	0.00%	100.00%	0.00%	0.00%	796	758	778
	Champa	0.00%	72.50%	24.65%	24.65%	805	782	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	773	786
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	740	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	758	779
	Indore	0.00%	100.00%	0.00%	0.00%	788	750	776
	Jabalpur	0.00%	100.00%	0.00%	0.00%	781	781	781
	Koradi	0.00%	100.00%	0.00%	0.00%	778	752	767
	Pune	0.00%	100.00%	0.00%	0.00%	796	744	769
	Raigarh PS (Kotra)	0.00%	99.86%	0.14%	0.14%	800	780	791
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	795	767	786
	Sasan	0.00%	100.00%	0.00%	0.00%	778	754	765
	Satna	0.00%	100.00%	0.00%	0.00%	794	751	772
	Seoni	0.00%	100.00%	0.00%	0.00%	792	754	777
	Sipat	0.00%	100.00%	0.00%	0.00%	773	753	764
	Sholapur	0.00%	97.64%	2.36%	2.36%	811	767	786
Tamnar PS	0.00%	100.00%	0.00%	0.00%	799	780	791	
Tirora	0.00%	100.00%	0.00%	0.00%	770	752	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	762	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	755	768	
Wardha	0.00%	100.00%	0.00%	0.00%	797	759	783	
SR	Nellore PS	0.00%	58.75%	41.25%	41.25%	812	788	799
	Raichur	0.00%	93.19%	6.81%	6.81%	809	775	790
	Kurnool	0.00%	62.08%	37.92%	37.92%	812	785	797
	Thiruvalam	0.00%	11.94%	88.06%	88.06%	818	799	809
ER	Angul	0.00%	82.92%	17.08%	17.08%	805	788	796
	Gaya	0.00%	100.00%	0.00%	0.00%	786	759	773
	Jharsuguda	0.00%	60.42%	39.58%	39.58%	807	785	798
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	774	786
Sasaram	0.00%	100.00%	0.00%	0.00%	769	738	754	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	408	411
	Balipara (400 kV)	0.00%	99.17%	0.83%	0.83%	421	402	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	410
	Misa (400 kV)	0.00%	94.93%	5.07%	5.07%	425	409	416
	Silchar (400 kV)	0.00%	91.94%	8.06%	8.06%	422	410	417

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