

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

**Date of Reporting: 15-Jan-17
System Reliability Indices Report for: 14-Jan-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	12	3.00	12.50
2	ER-NR	0	0.00	0.00
3	Import of NR	4	1.00	4.17
4	NEW-SR	5	1.25	5.21
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	1	0.25	1.04
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 14-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%	793	747	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	757	765
	Ballia	0.00%	100.00%	0.00%	0.00%	790	754	773
	Bhiwani	0.00%	97.92%	2.08%	2.08%	804	779	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	736	757
	Jhatikara	0.00%	86.39%	13.61%	13.61%	808	760	786
	Lucknow	0.00%	90.90%	9.10%	9.10%	804	764	784
	Meerut	0.00%	90.76%	5.90%	5.90%	808	766	787
	Moga	0.00%	98.89%	1.11%	1.11%	802	769	786
Phagi	0.00%	99.58%	0.42%	0.42%	802	756	782	
Unnao	0.00%	100.00%	0.00%	0.00%	781	733	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	753	774
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	749	774
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	752	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	753	764
	Bina	0.00%	100.00%	0.00%	0.00%	797	757	780
	Champa	0.00%	92.22%	2.85%	2.85%	802	781	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	765	777
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	739	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	755	780
	Indore	0.00%	100.00%	0.00%	0.00%	793	757	779
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	760	781
	Koradi	0.00%	100.00%	0.00%	0.00%	770	770	770
	Pune	0.00%	100.00%	0.00%	0.00%	799	739	772
	Raigarh PS (Kotra)	0.00%	74.38%	25.63%	25.63%	805	783	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	799	772	787
	Sasan	0.00%	100.00%	0.00%	0.00%	780	758	770
	Satna	0.00%	100.00%	0.00%	0.00%	792	757	776
	Seoni	0.00%	100.00%	0.00%	0.00%	795	758	776
	Sipat	0.00%	100.00%	0.00%	0.00%	774	754	763
	Sholapur	0.00%	95.07%	4.93%	4.93%	809	766	792
Tamnara PS	0.00%	84.86%	15.14%	15.14%	803	781	792	
Tirora	0.00%	100.00%	0.00%	0.00%	772	754	765	
Vadodara	0.00%	98.75%	1.25%	1.25%	802	769	787	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	782	763	772	
Wardha	0.00%	95.83%	4.17%	4.17%	804	760	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	774	784
	Raichur	0.00%	99.17%	0.83%	0.83%	804	769	785
	Kurnool	0.00%	99.17%	0.83%	0.83%	803	775	787
	Thiruvalam	0.00%	49.93%	50.07%	50.07%	810	787	799
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	775	785
	Gaya	0.00%	100.00%	0.00%	0.00%	788	750	770
	Jharsuguda	0.00%	97.92%	2.08%	2.08%	800	777	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	768	782
Sasaram	0.00%	100.00%	0.00%	0.00%	782	729	746	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410
	Balipara (400 kV)	0.00%	99.79%	0.21%	0.21%	420	397	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	408
	Misa (400 kV)	0.00%	72.36%	27.64%	27.64%	426	406	415
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	404	413

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