

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

**Date of Reporting: 17-Jan-17
System Reliability Indices Report for: 16-Jan-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	30	7.50	31.25
2	ER-NR	0	0.00	0.00
3	Import of NR	24	6.00	25.00
4	NEW-SR	1	0.25	1.04
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	5	1.25	5.21
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 16-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%	798	751	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	755	763
	Ballia	0.00%	100.00%	0.00%	0.00%	793	751	771
	Bhiwani	0.00%	64.24%	35.76%	35.76%	800	778	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	737	757
	Jhatikara	0.00%	80.42%	19.58%	19.58%	811	765	785
	Lucknow	0.00%	85.35%	14.65%	14.65%	805	761	780
	Meerut	0.00%	80.35%	15.97%	15.97%	805	761	787
	Moga	0.00%	83.54%	16.46%	16.46%	805	773	788
Phagi	0.00%	98.54%	1.46%	1.46%	801	760	777	
Unnao	0.00%	100.00%	0.00%	0.00%	766	731	744	
WR	Akola	0.00%	100.00%	0.00%	0.00%	795	758	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	757	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	746	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	749	761
	Bina	0.00%	100.00%	0.00%	0.00%	794	750	774
	Champa	0.00%	100.00%	0.00%	0.00%	799	775	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	762	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	746	771
	Gwalior	0.00%	99.93%	0.07%	0.07%	800	757	777
	Indore	0.00%	100.00%	0.00%	0.00%	788	750	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	754	775
	Koradi	0.00%	100.00%	0.00%	0.00%	783	760	770
	Pune	0.00%	99.86%	0.00%	0.00%	800	751	772
	Raigarh PS (Kotra)	0.00%	80.63%	19.38%	19.38%	804	778	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	766	785
	Sasan	0.00%	100.00%	0.00%	0.00%	779	756	769
	Satna	0.00%	100.00%	0.00%	0.00%	789	756	774
	Seoni	0.00%	100.00%	0.00%	0.00%	793	748	771
	Sipat	0.00%	100.00%	0.00%	0.00%	771	750	760
	Sholapur	0.00%	97.22%	2.78%	2.78%	803	754	785
Tamnar PS	0.00%	87.57%	12.43%	12.43%	802	778	789	
Tirora	0.00%	100.00%	0.00%	0.00%	776	758	766	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	760	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	761	773	
Wardha	0.00%	99.31%	0.69%	0.69%	801	752	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	768	782
	Raichur	0.00%	99.10%	0.90%	0.90%	802	758	783
	Kurnool	0.00%	93.33%	6.67%	6.67%	804	765	786
	Thiruvalam	0.00%	70.42%	29.58%	29.58%	815	786	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	774	783
	Gaya	0.00%	100.00%	0.00%	0.00%	790	751	770
	Jharsuguda	0.00%	99.31%	0.69%	0.69%	800	774	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	768	780
	Sasaram	0.35%	99.65%	0.00%	0.35%	775	727	755
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	407	410
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	407
	Misa (400 kV)	0.00%	92.78%	7.22%	7.22%	424	399	414
	Silchar (400 kV)	0.00%	95.83%	4.17%	4.17%	421	403	414

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