

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

Date of Reporting: 13-Jan-17  
System Reliability Indices Report for: 12-Jan-17

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	18	4.50	18.75
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	2.08
4	NEW-SR	3	0.75	3.13
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	2	0.50	2.08
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 12-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	748	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	751	760
	Ballia	0.00%	100.00%	0.00%	0.00%	789	755	770
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	769	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	737	754
	Jhatikara	0.00%	99.40%	0.60%	0.60%	801	767	774
	Lucknow	0.00%	99.31%	0.69%	0.69%	801	764	780
	Meerut	0.00%	96.39%	2.08%	2.08%	810	760	783
	Moga	0.00%	99.86%	0.14%	0.14%	800	769	784
Phagi	0.00%	100.00%	0.00%	0.00%	796	757	776	
Unnao	0.28%	99.72%	0.00%	0.28%	780	724	748	
WR	Akola	0.00%	100.00%	0.00%	0.00%	798	759	778
	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	758	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	750	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	755	764
	Bina	0.00%	99.93%	0.07%	0.07%	800	755	779
	Champa	0.00%	84.44%	11.32%	11.32%	806	782	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	795	773	784
	Dhule (BDTCL)	0.00%	99.93%	0.07%	0.07%	801	760	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	754	776
	Indore	0.00%	100.00%	0.00%	0.00%	791	750	775
	Jabalpur	0.00%	97.43%	2.57%	2.57%	803	766	786
	Koradi	0.00%	100.00%	0.00%	0.00%	780	756	773
	Pune	0.00%	98.40%	0.00%	0.00%	800	755	775
	Raigarh PS (Kotra)	0.00%	86.81%	13.19%	13.19%	804	782	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	797	774	787
	Sasan	0.00%	100.00%	0.00%	0.00%	783	754	769
	Satna	0.00%	100.00%	0.00%	0.00%	792	750	773
	Seoni	0.00%	100.00%	0.00%	0.00%	791	756	775
	Sipat	0.00%	100.00%	0.00%	0.00%	771	754	762
	Sholapur	0.00%	97.43%	2.57%	2.57%	808	759	784
Tamnar PS	0.00%	95.42%	4.58%	4.58%	802	782	792	
Tirora	0.00%	100.00%	0.00%	0.00%	776	758	767	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	761	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	783	758	773	
Wardha	0.00%	99.86%	0.14%	0.14%	802	765	784	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	767	780
	Raichur	0.00%	100.00%	0.00%	0.00%	799	760	780
	Kurnool	0.00%	100.00%	0.00%	0.00%	797	763	779
	Thiruvalam	0.00%	85.83%	14.17%	14.17%	804	776	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	771	783
	Gaya	0.00%	100.00%	0.00%	0.00%	787	754	769
	Jharsuguda	0.00%	88.13%	11.88%	11.88%	804	782	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	774	785
Sasaram	0.00%	100.00%	0.00%	0.00%	773	729	756	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	408
	Misa (400 kV)	0.00%	92.22%	7.78%	7.78%	424	401	415
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	412

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