

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

Date of Reporting: 16-Jan-17  
System Reliability Indices Report for: 15-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	2	0.50	2.08
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	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	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 15-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	758	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	760	766
	Ballia	0.00%	100.00%	0.00%	0.00%	792	762	775
	Bhiwani	0.00%	86.88%	13.13%	13.13%	804	780	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	740	758
	Jhatikara	0.00%	86.53%	13.47%	13.47%	812	769	789
	Lucknow	0.00%	98.75%	1.25%	1.25%	803	770	785
	Meerut	0.00%	86.81%	9.65%	9.65%	809	769	792
	Moga	0.00%	93.82%	6.18%	6.18%	808	776	790
Phagi	0.00%	100.00%	0.00%	0.00%	797	764	781	
Unnao	0.00%	100.00%	0.00%	0.00%	771	738	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	794	759	777
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	750	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	748	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	752	762
	Bina	0.00%	100.00%	0.00%	0.00%	795	756	776
	Champa	0.00%	100.00%	0.00%	0.00%	798	780	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	766	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	742	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	760	778
	Indore	0.00%	100.00%	0.00%	0.00%	792	752	777
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	758	778
	Koradi	0.00%	100.00%	0.00%	0.00%	770	770	770
	Pune	0.00%	100.00%	0.00%	0.00%	795	751	775
	Raigarh PS (Kotra)	0.00%	83.13%	16.88%	16.88%	804	784	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	799	776	787
	Sasan	0.00%	100.00%	0.00%	0.00%	778	753	766
	Satna	0.00%	100.00%	0.00%	0.00%	789	751	771
	Seoni	0.00%	100.00%	0.00%	0.00%	792	755	774
	Sipat	0.00%	100.00%	0.00%	0.00%	772	752	761
	Sholapur	0.00%	97.01%	2.99%	2.99%	804	777	790
Tamnara PS	0.00%	97.99%	2.01%	2.01%	802	784	793	
Tirora	0.00%	100.00%	0.00%	0.00%	777	757	767	
Vadodara	0.00%	99.86%	0.14%	0.14%	801	765	786	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	757	769	
Wardha	0.00%	99.44%	0.56%	0.56%	803	765	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	778	787
	Raichur	0.00%	99.44%	0.56%	0.56%	801	773	789
	Kurnool	0.00%	99.03%	0.97%	0.97%	802	767	791
	Thiruvalam	0.00%	24.24%	75.76%	75.76%	815	794	804
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	776	785
	Gaya	0.00%	100.00%	0.00%	0.00%	790	760	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	778	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	770	782
Sasaram	0.00%	100.00%	0.00%	0.00%	771	731	749	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	410
	Balipara (400 kV)	0.00%	99.79%	0.21%	0.21%	421	392	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	409
	Misa (400 kV)	0.00%	95.00%	5.00%	5.00%	426	400	415
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	413	

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