

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

Date of Reporting: 21-Feb-17  
System Reliability Indices Report for: 20-Feb-17

**Percentage (%) of times ATC 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	8	2.00	8.33
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 20-Feb-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	749	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	768	773
	Ballia	0.00%	100.00%	0.00%	0.00%	785	760	773
	Bhiwani	0.00%	82.92%	17.08%	17.08%	805	774	792
	Bareilly	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	744	765
	Jhatikara	0.00%	95.56%	4.44%	4.44%	804	750	786
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	765	781
	Meerut	0.00%	91.39%	5.90%	5.90%	806	762	789
	Moga	0.00%	100.00%	0.00%	0.00%	799	767	786
Phagi	0.00%	100.00%	0.00%	0.00%	797	765	783	
Unnao	0.00%	100.00%	0.00%	0.00%	781	753	768	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	762	774
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	744	773
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	755	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	757	767
	Bina	0.00%	100.00%	0.00%	0.00%	794	765	779
	Champa	0.00%	100.00%	0.00%	0.00%	798	783	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	775	784
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	748	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	758	780
	Indore	0.00%	100.00%	0.00%	0.00%	792	759	774
	Jabalpur	0.00%	99.93%	0.07%	0.07%	801	775	788
	Koradi	0.00%	100.00%	0.00%	0.00%	782	761	771
	Pune	0.00%	100.00%	0.00%	0.00%	798	746	771
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	794	778	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	791	773	781
	Sasan	0.00%	100.00%	0.00%	0.00%	777	759	768
	Satna	0.00%	100.00%	0.00%	0.00%	785	759	772
	Seoni	0.00%	100.00%	0.00%	0.00%	790	761	775
	Sipat	0.00%	100.00%	0.00%	0.00%	771	757	764
	Sholapur	0.00%	98.75%	1.25%	1.25%	805	757	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	778	786	
Tirora	0.00%	100.00%	0.00%	0.00%	772	758	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	759	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	762	771	
Wardha	0.00%	100.00%	0.00%	0.00%	793	761	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	763	775
	Raichur	0.00%	100.00%	0.00%	0.00%	799	761	780
	Kurnool	0.00%	100.00%	0.00%	0.00%	795	763	780
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	796	770	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	781	788
	Gaya	0.00%	100.00%	0.00%	0.00%	785	761	775
	Jharsuguda	0.00%	97.22%	2.78%	2.78%	801	786	794
	Ranchi	0.00%	95.21%	4.79%	4.79%	804	778	790
Sasaram	0.00%	100.00%	0.00%	0.00%	781	751	769	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	386	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	404
	Misa (400 kV)	0.00%	98.96%	1.04%	1.04%	423	394	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	407

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