

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

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

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	26	6.50	27.08
2	ER-NR	0	0.00	0.00
3	Import of NR	37	9.25	38.54
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	2	0.50	2.08
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-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%	786	747	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	755	762
	Ballia	0.00%	100.00%	0.00%	0.00%	784	784	784
	Bhiwani	0.00%	80.07%	19.93%	19.93%	807	764	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	749	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	737	760
	Jhatikara	0.00%	84.93%	15.07%	15.07%	808	759	786
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	748	771
	Meerut	0.00%	99.10%	0.35%	0.35%	802	762	785
	Moga	0.00%	99.79%	0.21%	0.21%	800	766	786
Phagi	0.00%	100.00%	0.00%	0.00%	797	748	780	
Unnao	0.69%	99.31%	0.00%	0.69%	766	727	746	
WR	Akola	0.00%	100.00%	0.00%	0.00%	795	757	780
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	761	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	754	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	754	763
	Bina	0.00%	100.00%	0.00%	0.00%	790	756	774
	Champa	0.00%	100.00%	0.00%	0.00%	798	780	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	767	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	749	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	752	776
	Indore	0.00%	100.00%	0.00%	0.00%	788	757	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	763	777
	Koradi	0.00%	100.00%	0.00%	0.00%	784	756	774
	Pune	0.00%	100.00%	0.00%	0.00%	783	737	767
	Raigarh PS (Kotra)	0.00%	94.65%	5.35%	5.35%	801	778	791
	Raipur PS (Durg)	0.00%	89.65%	10.35%	10.35%	800	772	786
	Sasan	0.00%	100.00%	0.00%	0.00%	778	759	768
	Satna	0.00%	100.00%	0.00%	0.00%	783	754	769
	Seoni	0.00%	100.00%	0.00%	0.00%	792	762	777
	Sipat	0.00%	100.00%	0.00%	0.00%	771	755	762
	Sholapur	0.00%	99.93%	0.07%	0.07%	801	766	784
Tamnara PS	0.00%	99.38%	0.63%	0.63%	800	778	791	
Tirora	0.00%	100.00%	0.00%	0.00%	776	754	768	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	765	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	762	770	
Wardha	0.00%	96.94%	3.06%	3.06%	803	770	787	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	762	774
	Raichur	0.00%	100.00%	0.00%	0.00%	795	767	781
	Kurnool	0.00%	100.00%	0.00%	0.00%	794	767	781
	Thiruvalam	0.00%	91.60%	8.40%	8.40%	803	776	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	779	789
	Gaya	0.00%	100.00%	0.00%	0.00%	788	753	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	779	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	774	787
Sasaram	0.00%	100.00%	0.00%	0.00%	778	744	764	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	406
	Misa (400 kV)	0.00%	88.13%	11.88%	11.88%	424	403	415
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	409

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