

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

**Date of Reporting: 2-Feb-17  
System Reliability Indices Report for: 1-Feb-17**

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	16	4.00	16.67
2	ER-NR	0	0.00	0.00
3	Import of NR	21	5.25	21.88
4	NEW-SR	0	0.00	0.00
5	NER Import	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	1	0.25	1.04
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 01-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%	794	746	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	760	773
	Ballia	0.00%	100.00%	0.00%	0.00%	789	756	774
	Bhiwani	0.00%	61.46%	38.54%	38.54%	809	764	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	757	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	741	762
	Jhatikara	0.00%	74.24%	25.76%	25.76%	807	760	791
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	756	779
	Meerut	0.00%	77.22%	18.19%	18.19%	811	753	790
	Moga	0.00%	91.60%	8.40%	8.40%	803	762	790
Phagi	0.00%	100.00%	0.00%	0.00%	794	747	781	
Unnao	0.00%	100.00%	0.00%	0.00%	775	737	759	
WR	Akola	0.00%	100.00%	0.00%	0.00%	793	754	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	748	773
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	749	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	757	765
	Bina	0.00%	100.00%	0.00%	0.00%	787	754	776
	Champa	0.00%	100.00%	0.00%	0.00%	794	780	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	766	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	794	794
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	753	780
	Indore	0.00%	100.00%	0.00%	0.00%	791	751	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	762	780
	Koradi	0.00%	100.00%	0.00%	0.00%	781	751	767
	Pune	0.00%	100.00%	0.00%	0.00%	795	745	766
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	792	776	784
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	769	777
	Sasan	0.00%	100.00%	0.00%	0.00%	772	753	765
	Satna	0.00%	100.00%	0.00%	0.00%	783	752	773
	Seoni	0.00%	100.00%	0.00%	0.00%	788	759	774
	Sipat	0.00%	100.00%	0.00%	0.00%	770	757	763
	Sholapur	0.00%	98.96%	1.04%	1.04%	809	758	782
Tamnara PS	0.00%	100.00%	0.00%	0.00%	791	777	784	
Tirora	0.00%	100.00%	0.00%	0.00%	775	751	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	763	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	99.86%	0.14%	0.14%	802	761	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	767	778
	Raichur	0.00%	100.00%	0.00%	0.00%	798	762	780
	Kurnool	0.00%	100.00%	0.00%	0.00%	798	767	782
	Thiruvalam	0.00%	69.10%	30.90%	30.90%	808	782	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	764	777
	Gaya	0.00%	100.00%	0.00%	0.00%	789	758	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	775	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	772	781
Sasaram	1.04%	98.96%	0.00%	1.04%	781	724	759	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	388	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	407
	Misa (400 kV)	0.00%	96.25%	3.75%	3.75%	424	396	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	409

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