

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

**Date of Reporting: 1-Feb-17  
System Reliability Indices Report for: 31-Jan-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	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	5	1.25	5.21
4	NEW-SR	1	0.25	1.04
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	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 31-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%	797	753	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	762	768
	Ballia	0.00%	100.00%	0.00%	0.00%	786	764	775
	Bhiwani	0.00%	72.92%	27.08%	27.08%	808	774	795
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	743	765
	Jhatikara	0.00%	90.83%	9.17%	9.17%	807	780	789
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	766	781
	Meerut	0.00%	65.51%	29.64%	29.64%	813	764	793
	Moga	0.00%	90.07%	9.93%	9.93%	809	772	792
Phagi	0.00%	100.00%	0.00%	0.00%	796	759	782	
Unnao	0.00%	100.00%	0.00%	0.00%	772	742	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	759	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	745	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	756	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	756	765
	Bina	0.00%	100.00%	0.00%	0.00%	791	758	776
	Champa	0.00%	100.00%	0.00%	0.00%	796	776	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	767	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	753	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	758	779
	Indore	0.00%	100.00%	0.00%	0.00%	794	755	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	766	780
	Koradi	0.00%	100.00%	0.00%	0.00%	778	754	767
	Pune	0.00%	100.00%	0.00%	0.00%	793	741	766
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	793	774	784
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	760	779
	Sasan	0.00%	100.00%	0.00%	0.00%	769	754	763
	Satna	0.00%	100.00%	0.00%	0.00%	783	754	770
	Seoni	0.00%	100.00%	0.00%	0.00%	787	757	775
	Sipat	0.00%	100.00%	0.00%	0.00%	771	754	763
	Sholapur	0.00%	98.61%	1.39%	1.39%	804	758	784
Tamnar PS	0.00%	100.00%	0.00%	0.00%	791	774	784	
Tirora	0.00%	100.00%	0.00%	0.00%	770	754	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	762	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	100.00%	0.00%	0.00%	799	753	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	766	780
	Raichur	0.00%	100.00%	0.00%	0.00%	798	762	784
	Kurnool	0.00%	99.86%	0.14%	0.14%	800	769	786
	Thiruvalam	0.00%	72.01%	27.99%	27.99%	809	780	796
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	763	780
	Gaya	0.00%	100.00%	0.00%	0.00%	785	763	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	775	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	772	783
Sasaram	0.00%	100.00%	0.00%	0.00%	789	732	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	407
	Balipara (400 kV)	0.00%	99.86%	0.14%	0.14%	420	384	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	389	405
	Misa (400 kV)	0.00%	95.07%	4.93%	4.93%	426	393	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	408

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