

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

Date of Reporting: 31-Jan-17  
System Reliability Indices Report for: 30-Jan-17

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	7	1.75	7.29
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 30-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	750	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	758	766
	Ballia	0.00%	100.00%	0.00%	0.00%	788	755	774
	Bhiwani	0.00%	71.53%	28.47%	28.47%	808	772	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	741	763
	Jhatikara	0.00%	95.21%	4.79%	4.79%	808	766	791
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	756	778
	Meerut	0.00%	71.61%	22.81%	22.81%	811	764	792
	Moga	0.00%	82.78%	17.22%	17.22%	811	767	790
Phagi	0.00%	100.00%	0.00%	0.00%	798	760	782	
Unnao	0.00%	100.00%	0.00%	0.00%	775	737	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	794	755	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	754	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	754	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	754	765
	Bina	0.00%	100.00%	0.00%	0.00%	791	757	777
	Champa	0.00%	100.00%	0.00%	0.00%	797	779	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	765	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	758	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	756	780
	Indore	0.00%	100.00%	0.00%	0.00%	791	755	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	764	781
	Koradi	0.00%	100.00%	0.00%	0.00%	780	751	766
	Pune	0.00%	100.00%	0.00%	0.00%	794	744	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	776	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	769	781
	Sasan	0.00%	100.00%	0.00%	0.00%	772	754	764
	Satna	0.00%	100.00%	0.00%	0.00%	785	754	771
	Seoni	0.00%	100.00%	0.00%	0.00%	790	760	775
	Sipat	0.00%	100.00%	0.00%	0.00%	770	754	763
	Sholapur	0.00%	94.44%	5.56%	5.56%	804	769	787
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	776	786	
Tirora	0.00%	100.00%	0.00%	0.00%	771	751	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	766	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	98.82%	1.18%	1.18%	802	765	784	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	769	780
	Raichur	0.00%	97.64%	2.36%	2.36%	802	768	784
	Kurnool	0.00%	87.92%	12.08%	12.08%	805	771	785
	Thiruvalam	0.00%	70.56%	29.44%	29.44%	817	787	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	769	780
	Gaya	0.00%	100.00%	0.00%	0.00%	787	756	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	774	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	771	783
Sasaram	0.00%	100.00%	0.00%	0.00%	784	729	759	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	408
	Balipara (400 kV)	0.00%	99.72%	0.28%	0.28%	422	392	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	407
	Misa (400 kV)	0.00%	85.56%	14.44%	14.44%	427	401	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	411

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