

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

**Date of Reporting: 19-Jan-17
System Reliability Indices Report for: 18-Jan-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	30	7.50	31.25
2	ER-NR	0	0.00	0.00
3	Import of NR	10	2.50	10.42
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	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 18-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%	788	749	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	753	762
	Ballia	0.00%	100.00%	0.00%	0.00%	789	752	771
	Bhiwani	0.00%	82.29%	17.71%	17.71%	809	768	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	757	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	741	758
	Jhatikara	0.00%	92.08%	7.92%	7.92%	805	761	781
	Lucknow	0.00%	94.72%	5.28%	5.28%	803	760	781
	Meerut	0.00%	86.53%	10.83%	10.83%	809	759	785
	Moga	0.00%	91.39%	8.61%	8.61%	805	767	784
Phagi	0.00%	100.00%	0.00%	0.00%	795	753	774	
Unnao	0.00%	100.00%	0.00%	0.00%	774	729	748	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	750	773
	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	744	773
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	751	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	754	765
	Bina	0.00%	100.00%	0.00%	0.00%	796	750	775
	Champa	0.00%	97.92%	2.08%	2.08%	802	777	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	765	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	752	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	753	775
	Indore	0.00%	100.00%	0.00%	0.00%	794	760	770
	Jabalpur	0.00%	98.33%	1.67%	1.67%	802	756	780
	Koradi	0.00%	100.00%	0.00%	0.00%	788	749	768
	Pune	0.00%	99.24%	0.00%	0.00%	800	735	766
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	775	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	796	767	781
	Sasan	0.00%	100.00%	0.00%	0.00%	778	754	767
	Satna	0.00%	100.00%	0.00%	0.00%	788	748	771
	Seoni	0.00%	100.00%	0.00%	0.00%	796	749	774
	Sipat	0.00%	100.00%	0.00%	0.00%	774	753	763
	Sholapur	0.00%	96.25%	3.75%	3.75%	808	759	782
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	775	786	
Tirora	0.00%	100.00%	0.00%	0.00%	778	752	766	
Vadodara	0.00%	100.00%	0.00%	0.00%	796	756	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	97.43%	2.57%	2.57%	805	754	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	764	779
	Raichur	0.00%	100.00%	0.00%	0.00%	797	761	781
	Kurmoor	0.00%	100.00%	0.00%	0.00%	799	765	783
	Thiruvalam	0.00%	66.67%	33.33%	33.33%	810	777	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	769	781
	Gaya	0.00%	100.00%	0.00%	0.00%	786	752	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	778	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	765	779
Sasaram	0.00%	100.00%	0.00%	0.00%	781	744	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	405	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	406
	Misa (400 kV)	0.00%	92.63%	7.37%	7.37%	422	401	412
	Silchar (400 kV)	0.00%	99.86%	0.14%	0.14%	420	406	414

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