

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **25-Jan-17**
System Reliability Indices Report for: **24-Jan-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	21	5.25	21.88
2	ER-NR	0	0.00	0.00
3	Import of NR	23	5.75	23.96
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	3	0.75	3.13
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 24-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%	790	747	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	762	768
	Ballia	0.00%	100.00%	0.00%	0.00%	790	761	774
	Bhiwani	0.00%	98.13%	1.88%	1.88%	803	771	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	738	758
	Jhatikara	0.00%	82.22%	17.78%	17.78%	808	761	785
	Lucknow	0.00%	93.61%	6.39%	6.39%	803	769	785
	Meerut	0.00%	83.39%	12.54%	12.54%	806	760	789
	Moga	0.00%	98.40%	1.60%	1.60%	803	760	783
Phagi	0.00%	100.00%	0.00%	0.00%	794	756	776	
Unnao	0.00%	100.00%	0.00%	0.00%	775	741	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	757	777
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	741	773
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	750	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	754	763
	Bina	0.00%	100.00%	0.00%	0.00%	794	756	775
	Champa	0.00%	100.00%	0.00%	0.00%	795	777	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	766	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	741	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	753	776
	Indore	0.00%	100.00%	0.00%	0.00%	797	753	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	762	779
	Koradi	0.00%	100.00%	0.00%	0.00%	781	754	769
	Pune	0.00%	100.00%	0.00%	0.00%	794	741	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	774	784
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	769	778
	Sasan	0.00%	100.00%	0.00%	0.00%	776	758	767
	Satna	0.00%	100.00%	0.00%	0.00%	785	756	772
	Seoni	0.00%	100.00%	0.00%	0.00%	789	749	771
	Sipat	0.00%	100.00%	0.00%	0.00%	770	754	761
	Sholapur	0.00%	98.06%	1.94%	1.94%	806	754	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	774	784	
Tirora	0.00%	100.00%	0.00%	0.00%	774	755	766	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	754	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	100.00%	0.00%	0.00%	799	751	779	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	768	781
	Raichur	0.00%	99.86%	0.14%	0.14%	801	761	782
	Kurnool	0.00%	99.24%	0.76%	0.76%	803	768	785
	Thiruvalam	0.00%	61.46%	38.54%	38.54%	813	780	796
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	768	781
	Gaya	0.00%	100.00%	0.00%	0.00%	786	757	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	777	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	768	780
Sasaram	0.07%	99.93%	0.00%	0.07%	783	727	752	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	410	411
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	388	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	392	406
	Misa (400 kV)	0.00%	97.57%	2.43%	2.43%	423	396	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	413

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