

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

**Date of Reporting: 18-Oct-16
System Reliability Indices Report for: 17-Oct-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	3	0.75	3.13
4	NEW-SR	3	0.75	3.13
5	ER-NER	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	ER-NER	24	6.00	25.00

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 17-Oct-2016

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%	789	753	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	764	767
	Ballia	0.00%	100.00%	0.00%	0.00%	782	763	773
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	767	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	757	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	752	763
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	767	780
	Lucknow	0.00%	100.00%	0.00%	0.00%	785	763	774
	Meerut	0.00%	99.86%	0.00%	0.00%	800	763	781
	Moga	0.00%	100.00%	0.00%	0.00%	796	764	782
Phagi	0.00%	100.00%	0.00%	0.00%	788	756	773	
Unnao	0.00%	100.00%	0.00%	0.00%	764	742	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	776	744	761
	Aurangabad	0.00%	99.93%	0.07%	0.07%	801	755	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	777	749	763
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	755	762
	Bina	0.00%	100.00%	0.00%	0.00%	783	753	769
	Champa	0.00%	94.38%	0.76%	0.76%	801	785	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	763	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	760	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	753	771
	Indore	0.00%	100.00%	0.00%	0.00%	781	751	766
	Jabalpur	0.00%	100.00%	0.00%	0.00%	784	760	773
	Koradi	0.00%	100.00%	0.00%	0.00%	763	740	752
	Pune	0.07%	99.93%	0.00%	0.07%	799	727	764
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	770	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	784	774	780
	Sasan	0.00%	100.00%	0.00%	0.00%	773	758	766
	Satna	0.00%	100.00%	0.00%	0.00%	778	755	769
	Seoni	0.00%	100.00%	0.00%	0.00%	788	763	776
	Sipat	0.00%	100.00%	0.00%	0.00%	768	754	761
	Sholapur	0.00%	98.68%	1.32%	1.32%	812	756	783
Tamnar PS	0.00%	100.00%	0.00%	0.00%	797	783	790	
Tirora	0.00%	100.00%	0.00%	0.00%	761	745	753	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	763	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	762	768	
Wardha	0.00%	100.00%	0.00%	0.00%	799	765	784	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	768	781
	Raichur	0.00%	99.86%	0.14%	0.14%	801	762	782
	Kurnool	0.00%	98.68%	1.32%	1.32%	803	769	787
	Thiruvalam	0.00%	77.50%	22.50%	22.50%	804	775	791
ER	Angul	0.00%	100.00%	0.00%	0.00%	781	769	775
	Gaya	0.00%	100.00%	0.00%	0.00%	780	760	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	772	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	785	768	777
Sasaram	0.00%	100.00%	0.00%	0.00%	777	756	769	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	403	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	406	391	399
	Misa (400 kV)	0.00%	99.51%	0.49%	0.49%	420	400	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	407

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