

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

**Date of Reporting: 7-Oct-16
System Reliability Indices Report for: 6-Oct-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	19	4.75	19.79
2	ER-NR	0	0.00	0.00
3	Import of NR	22	5.50	22.92
4	NEW-SR	0	0.00	0.00
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	1	0.25	1.04
4	NEW-SR	0	0.00	0.00
4	ER-NER	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 06-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%	784	744	767
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	751	763
	Ballia	0.00%	100.00%	0.00%	0.00%	787	744	768
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	751	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	736	757
	Jhatikara	0.00%	100.00%	0.00%	0.00%	795	752	778
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	749	774
	Meerut	0.00%	100.00%	0.00%	0.00%	799	752	780
	Moga	0.00%	100.00%	0.00%	0.00%	795	755	777
Phagi	0.00%	100.00%	0.00%	0.00%	790	746	774	
Unnao	0.00%	100.00%	0.00%	0.00%	779	730	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	777	747	760
	Aurangabad	0.00%	97.99%	2.01%	2.01%	808	758	781
	Bhopal (BDTCL)	0.07%	99.93%	0.00%	0.07%	786	728	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	758	767
	Bina	0.00%	100.00%	0.00%	0.00%	789	756	777
	Champa	0.00%	85.28%	11.39%	11.39%	803	784	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	762	774
	Dhule (BDTCL)	0.00%	98.47%	1.53%	1.53%	805	756	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	747	772
	Indore	0.00%	100.00%	0.00%	0.00%	789	752	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	762	780
	Koradi	0.00%	100.00%	0.00%	0.00%	756	735	745
	Pune	0.00%	100.00%	0.00%	0.00%	781	739	758
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	781	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	772	782
	Sasan	0.00%	100.00%	0.00%	0.00%	781	763	773
	Satna	0.00%	100.00%	0.00%	0.00%	788	759	777
	Seoni	0.00%	100.00%	0.00%	0.00%	798	765	780
	Sipat	0.00%	100.00%	0.00%	0.00%	775	758	766
	Sholapur	0.00%	93.26%	6.74%	6.74%	810	762	789
Tamnar PS	0.00%	100.00%	0.00%	0.00%	798	781	790	
Tirora	0.00%	100.00%	0.00%	0.00%	757	741	748	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	766	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	768	776	
Wardha	0.00%	99.58%	0.42%	0.42%	807	763	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	775	784
	Raichur	0.00%	98.06%	1.94%	1.94%	803	768	789
	Kurnool	0.00%	90.42%	9.58%	9.58%	806	777	792
	Thiruvalam	0.00%	81.81%	18.19%	18.19%	810	784	795
ER	Angul	0.00%	100.00%	0.00%	0.00%	781	765	774
	Gaya	0.00%	100.00%	0.00%	0.00%	783	745	767
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	772	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	763	778
Sasaram	0.76%	99.24%	0.00%	0.76%	776	727	754	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	403	407
	Balipara (400 kV)	0.00%	99.03%	0.97%	0.97%	421	407	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	395	402
	Misa (400 kV)	0.00%	97.57%	2.43%	2.43%	421	409	416
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	409

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