

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

**Date of Reporting: 2-Oct-16  
System Reliability Indices Report for: 1-Oct-16**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	16	4.00	16.67
2	ER-NR	0	0.00	0.00
3	Import of NR	21	5.25	21.88
4	NEW-SR	0	0.00	0.00
5	ER-NER	23	5.75	23.96

**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	22	5.50	22.92

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 01-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%	793	756	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	765	770
	Ballia	0.00%	100.00%	0.00%	0.00%	785	759	770
	Bhiwani	0.00%	100.00%	0.00%	0.00%	794	763	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	748	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	747	761
	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	763	778
	Lucknow	0.00%	100.00%	0.00%	0.00%	788	756	770
	Meerut	0.00%	100.00%	0.00%	0.00%	799	761	780
	Moga	0.00%	100.00%	0.00%	0.00%	790	762	777
Phagi	0.00%	100.00%	0.00%	0.00%	793	762	775	
Unnao	0.00%	100.00%	0.00%	0.00%	770	744	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	779	749	765
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	766	786
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	765	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	757	765
	Bina	0.00%	100.00%	0.00%	0.00%	793	773	782
	Champa	0.00%	100.00%	0.00%	0.00%	796	781	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	781	781
	Dhule (BDTCL)	0.00%	91.11%	8.89%	8.89%	801	764	788
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	766	779
	Indore	0.00%	100.00%	0.00%	0.00%	789	765	777
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	773	782
	Koradi	0.00%	100.00%	0.00%	0.00%	764	736	749
	Pune	0.00%	100.00%	0.00%	0.00%	782	745	763
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	792	778	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	782	773	781
	Sasan	0.00%	100.00%	0.00%	0.00%	785	773	778
	Satna	0.00%	100.00%	0.00%	0.00%	795	779	784
	Seoni	0.00%	100.00%	0.00%	0.00%	789	768	781
	Sipat	0.00%	100.00%	0.00%	0.00%	768	758	764
	Sholapur	0.00%	76.18%	23.82%	23.82%	808	776	794
Tamnara PS	0.00%	100.00%	0.00%	0.00%	791	779	787	
Tirora	0.00%	100.00%	0.00%	0.00%	761	741	751	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	774	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	787	777	781	
Wardha	0.00%	100.00%	0.00%	0.00%	800	765	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	780	789
	Raichur	0.00%	93.06%	6.94%	6.94%	806	776	791
	Kurnool	0.00%	78.47%	21.53%	21.53%	808	781	795
	Thiruvalam	0.00%	65.21%	34.79%	34.79%	810	787	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	775	760	769
	Gaya	0.00%	100.00%	0.00%	0.00%	782	756	767
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	774	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	784	762	775
Sasaram	0.00%	100.00%	0.00%	0.00%	766	740	753	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	405	390	399
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	408

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