

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

**Date of Reporting: 16-Oct-16
System Reliability Indices Report for: 15-Oct-16**

Percentage (%) of times ATC 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	3	0.75	3.13
5	ER-NER	24	6.00	25.00

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	23	5.75	23.96

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 15-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%	783	750	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	763	768
	Ballia	0.00%	100.00%	0.00%	0.00%	789	760	774
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	763	784
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	738	759
	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	762	782
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	760	775
	Meerut	0.00%	100.00%	0.00%	0.00%	799	761	783
	Moga	0.00%	100.00%	0.00%	0.00%	800	762	782
Phagi	0.00%	100.00%	0.00%	0.00%	789	756	776	
Unnao	0.00%	100.00%	0.00%	0.00%	771	743	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	776	750	762
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	757	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	751	764
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	756	762
	Bina	0.00%	100.00%	0.00%	0.00%	784	758	772
	Champa	0.00%	92.22%	5.63%	5.63%	804	786	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	763	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	764	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	756	773
	Indore	0.00%	100.00%	0.00%	0.00%	783	754	766
	Jabalpur	0.00%	100.00%	0.00%	0.00%	786	762	774
	Koradi	0.00%	100.00%	0.00%	0.00%	761	744	752
	Pune	0.00%	100.00%	0.00%	0.00%	798	735	771
	Raigarh PS (Kotra)	0.00%	95.76%	4.24%	4.24%	803	783	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	785	774	780
	Sasan	0.00%	100.00%	0.00%	0.00%	774	760	767
	Satna	0.00%	100.00%	0.00%	0.00%	780	756	771
	Seoni	0.00%	100.00%	0.00%	0.00%	788	764	776
	Sipat	0.00%	100.00%	0.00%	0.00%	767	755	761
	Sholapur	0.00%	95.56%	4.44%	4.44%	804	760	785
Tamnara PS	0.00%	98.40%	1.60%	1.60%	801	783	790	
Tirora	0.00%	100.00%	0.00%	0.00%	759	747	753	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	764	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	762	770	
Wardha	0.00%	100.00%	0.00%	0.00%	794	764	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	774	783
	Raichur	0.00%	99.72%	0.28%	0.28%	801	768	784
	Kurnool	0.00%	91.39%	8.61%	8.61%	805	776	790
	Thiruvalam	0.00%	76.60%	23.40%	23.40%	805	781	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	780	767	774
	Gaya	0.00%	100.00%	0.00%	0.00%	787	758	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	775	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	763	777
	Sasaram	0.63%	99.38%	0.00%	0.63%	786	727	758
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%	418	395	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	390	400
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	410
	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.