

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

**Date of Reporting: 5-Oct-16
System Reliability Indices Report for: 4-Oct-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	34	8.50	35.42
2	ER-NR	0	0.00	0.00
3	Import of NR	41	10.25	42.71
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	8	2.00	8.33
2	ER-NR	0	0.00	0.00
3	Import of NR	9	2.25	9.38
4	NEW-SR	0	0.00	0.00
4	ER-NER	34	8.50	35.42

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 04-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%	792	757	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	766	751	759
	Ballia	0.00%	100.00%	0.00%	0.00%	783	752	766
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	760	780
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	745	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	742	760
	Jhatikara	0.00%	100.00%	0.00%	0.00%	795	761	779
	Lucknow	0.00%	100.00%	0.00%	0.00%	782	750	765
	Meerut	0.00%	100.00%	0.00%	0.00%	799	759	782
	Moga	0.00%	100.00%	0.00%	0.00%	791	761	778
Phagi	0.00%	100.00%	0.00%	0.00%	786	758	776	
Unnao	0.00%	100.00%	0.00%	0.00%	763	734	748	
WR	Akola	0.00%	100.00%	0.00%	0.00%	778	749	766
	Aurangabad	0.00%	95.42%	4.58%	4.58%	805	756	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	756	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	759	768
	Bina	0.00%	100.00%	0.00%	0.00%	791	764	782
	Champa	0.00%	87.64%	3.75%	3.75%	804	787	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	763	775
	Dhule (BDTCL)	0.00%	99.03%	0.97%	0.97%	802	752	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	763	779
	Indore	0.00%	100.00%	0.00%	0.00%	785	760	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	767	783
	Koradi	0.00%	100.00%	0.00%	0.00%	759	736	749
	Pune	0.00%	100.00%	0.00%	0.00%	787	737	763
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	783	791
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	784	785
	Sasan	0.00%	100.00%	0.00%	0.00%	783	766	777
	Satna	0.00%	100.00%	0.00%	0.00%	791	769	783
	Seoni	0.00%	100.00%	0.00%	0.00%	792	770	783
	Sipat	0.00%	100.00%	0.00%	0.00%	771	758	766
	Sholapur	0.00%	75.42%	24.58%	24.58%	810	756	793
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	785	792	
Tirora	0.00%	100.00%	0.00%	0.00%	758	743	752	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	772	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	783	769	779	
Wardha	0.00%	98.81%	1.19%	1.19%	801	770	789	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	772	786
	Raichur	0.00%	93.47%	6.53%	6.53%	806	760	792
	Kurnool	0.00%	81.60%	18.40%	18.40%	808	772	795
	Thiruvalam	0.00%	61.88%	38.13%	38.13%	809	779	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	776	759	770
	Gaya	0.00%	100.00%	0.00%	0.00%	782	751	765
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	770	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	759	777
Sasaram	0.14%	99.86%	0.00%	0.14%	785	728	755	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	399	406
	Balipara (400 kV)	0.00%	99.24%	0.76%	0.76%	421	391	408
	Bongaigaon (400 kV)	1.39%	98.61%	0.00%	1.39%	404	378	396
	Misa (400 kV)	0.00%	99.31%	0.69%	0.69%	421	395	410
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	407	

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