

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

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

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	11	2.75	11.46
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
5	ER-NER	20	5.00	20.83

Percentage(%) of times (N-1) Criteria 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	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	ER-NER	17	4.25	17.71

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-Sep-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	750	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	761	768
	Ballia	0.00%	100.00%	0.00%	0.00%	791	750	770
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	754	775
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	737	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	746	767
	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	752	773
	Lucknow	0.00%	100.00%	0.00%	0.00%	789	744	766
	Meerut	0.00%	99.38%	0.21%	0.21%	801	754	779
	Moga	0.00%	100.00%	0.00%	0.00%	788	747	770
Phagi	0.00%	100.00%	0.00%	0.00%	789	755	773	
Unnao	0.00%	100.00%	0.00%	0.00%	769	732	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	743	765
	Aurangabad	0.00%	98.06%	1.94%	1.94%	803	757	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	777	755	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	759	765
	Bina	0.00%	100.00%	0.00%	0.00%	781	758	771
	Champa	0.00%	100.00%	0.00%	0.00%	797	782	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	764	773
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	761	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	756	774
	Indore	0.00%	100.00%	0.00%	0.00%	776	755	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	781	761	772
	Koradi	0.00%	100.00%	0.00%	0.00%	765	734	753
	Pune	2.50%	97.50%	0.00%	2.50%	799	720	768
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	781	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	773	781
	Sasan	0.00%	100.00%	0.00%	0.00%	777	767	772
	Satna	0.00%	100.00%	0.00%	0.00%	783	765	776
	Seoni	0.00%	100.00%	0.00%	0.00%	789	765	777
	Sipat	0.00%	100.00%	0.00%	0.00%	769	757	764
	Sholapur	0.00%	84.38%	15.63%	15.63%	810	768	791
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	782	788	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	765	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	783	783	783	
Wardha	0.00%	99.93%	0.07%	0.07%	800	763	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	771	783
	Raichur	0.00%	97.57%	2.43%	2.43%	802	766	785
	Kurnool	0.00%	88.47%	11.53%	11.53%	804	773	788
	Thiruvalam	0.00%	71.94%	28.06%	28.06%	812	781	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	781	766	775
	Gaya	0.00%	100.00%	0.00%	0.00%	791	759	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	773	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	784	784	784
Sasaram	0.00%	100.00%	0.00%	0.00%	784	734	766	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	Balipara (400 kV)	0.00%	98.82%	1.18%	1.18%	421	403	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	402
	Misa (400 kV)	0.00%	99.65%	0.35%	0.35%	420	403	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	406

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