

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

**Date of Reporting: 9-Sep-16
System Reliability Indices Report for: 8-Sep-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	12	3.00	12.50
2	ER-NR	0	0.00	0.00
3	Import of NR	3	0.75	3.13
4	NEW-SR	6	1.50	6.25
5	ER-NER	21	5.25	21.88

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	16	4.00	16.67

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 08-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%	795	756	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	758	765
	Ballia	0.00%	100.00%	0.00%	0.00%	787	754	769
	Bhiwani	0.00%	99.51%	0.49%	0.49%	802	758	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	750	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	750	767
	Jhatikara	0.00%	100.00%	0.00%	0.00%	798	756	776
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	752	769
	Meerut	0.00%	100.00%	0.00%	0.00%	780	763	772
	Moga	0.00%	89.03%	10.97%	10.97%	807	764	785
Phagi	0.00%	100.00%	0.00%	0.00%	793	758	773	
Unnao	0.00%	100.00%	0.00%	0.00%	766	734	748	
WR	Akola	0.00%	100.00%	0.00%	0.00%	774	749	763
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	755	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	758	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	759	764
	Bina	0.00%	100.00%	0.00%	0.00%	788	763	774
	Champa	0.00%	100.00%	0.00%	0.00%	797	783	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	765	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	763	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	757	774
	Indore	0.00%	100.00%	0.00%	0.00%	783	760	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	767	776
	Koradi	0.00%	100.00%	0.00%	0.00%	761	743	753
	Pune	0.00%	100.00%	0.00%	0.00%	797	752	779
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	794	782	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	784	774	779
	Sasan	0.00%	100.00%	0.00%	0.00%	774	763	768
	Satna	0.00%	100.00%	0.00%	0.00%	782	762	772
	Seoni	0.00%	100.00%	0.00%	0.00%	789	767	778
	Sipat	0.00%	100.00%	0.00%	0.00%	768	759	763
	Sholapur	0.00%	99.24%	0.76%	0.76%	803	760	784
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	782	788	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	764	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	767	770	
Wardha	0.00%	100.00%	0.00%	0.00%	798	767	785	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	765	777
	Raichur	0.00%	100.00%	0.00%	0.00%	797	763	781
	Kurnool	0.00%	100.00%	0.00%	0.00%	799	766	784
	Thiruvalam	0.00%	99.44%	0.56%	0.56%	801	775	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	779	764	773
	Gaya	0.00%	100.00%	0.00%	0.00%	788	756	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	775	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	767	779
Sasaram	0.69%	99.31%	0.00%	0.69%	783	725	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	403	406
	Balipara (400 kV)	0.00%	97.92%	2.08%	2.08%	421	407	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	405
	Misa (400 kV)	0.00%	92.92%	7.08%	7.08%	421	410	416
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	407

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