

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

**Date of Reporting: 23-Sep-16
System Reliability Indices Report for: 22-Sep-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	17	4.25	17.71
2	ER-NR	0	0.00	0.00
3	Import of NR	3	0.75	3.13
4	NEW-SR	0	0.00	0.00
5	ER-NER	14	3.50	14.58

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	13	3.25	13.54

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 22-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%	797	757	779
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	761	769
	Ballia	0.00%	100.00%	0.00%	0.00%	786	755	772
	Bhiwani	0.00%	98.89%	1.11%	1.11%	801	770	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	744	766
	Jhatikara	0.00%	99.93%	0.07%	0.07%	800	765	783
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	759	777
	Meerut	0.00%	74.17%	24.86%	24.86%	811	770	792
	Moga	0.00%	83.96%	16.04%	16.04%	805	772	790
Phagi	0.00%	100.00%	0.00%	0.00%	796	762	776	
Unnao	0.00%	100.00%	0.00%	0.00%	771	742	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	776	744	763
	Aurangabad	0.00%	99.44%	0.56%	0.56%	803	747	786
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	754	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	760	767
	Bina	0.00%	100.00%	0.00%	0.00%	793	761	779
	Champa	0.00%	100.00%	0.00%	0.00%	799	783	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	765	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	766	791
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	760	782
	Indore	0.00%	100.00%	0.00%	0.00%	777	757	763
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	765	780
	Koradi	0.00%	100.00%	0.00%	0.00%	757	735	748
	Pune	0.00%	100.00%	0.00%	0.00%	784	741	763
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	782	791
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	784	774	782
	Sasan	0.00%	100.00%	0.00%	0.00%	777	761	769
	Satna	0.00%	100.00%	0.00%	0.00%	787	761	776
	Seoni	0.00%	100.00%	0.00%	0.00%	790	762	779
	Sipat	0.00%	100.00%	0.00%	0.00%	771	760	766
	Sholapur	0.00%	77.57%	22.43%	22.43%	812	762	794
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	783	791	
Tirora	0.00%	100.00%	0.00%	0.00%	757	741	750	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	764	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	763	768	
Wardha	0.00%	99.72%	0.28%	0.28%	802	756	786	
SR	Nellore PS	0.00%	86.81%	13.19%	13.19%	803	779	790
	Raichur	0.00%	81.94%	18.06%	18.06%	807	770	793
	Kurnool	0.00%	74.10%	25.90%	25.90%	811	781	796
	Thiruvalam	0.00%	69.17%	30.83%	30.83%	814	782	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	764	777
	Gaya	0.00%	100.00%	0.00%	0.00%	774	752	761
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	775	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	758	778
Sasaram	0.00%	100.00%	0.00%	0.00%	789	743	765	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407
	Balipara (400 kV)	0.00%	80.35%	19.65%	19.65%	423	404	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	406
	Misa (400 kV)	0.00%	74.10%	25.90%	25.90%	424	405	415
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	409	

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