

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

Date of Reporting: **22-Sep-16**
System Reliability Indices Report for: **21-Sep-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	23	5.75	23.96
2	ER-NR	0	0.00	0.00
3	Import of NR	11	2.75	11.46
4	NEW-SR	0	0.00	0.00
5	ER-NER	35	8.75	36.46

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	30	7.50	31.25

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 21-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%	785	746	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	757	766
	Ballia	0.00%	100.00%	0.00%	0.00%	787	751	768
	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	755	775
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	750	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	740	758
	Jhatikara	0.00%	100.00%	0.00%	0.00%	790	751	772
	Lucknow	0.00%	100.00%	0.00%	0.00%	788	751	770
	Meerut	0.00%	100.00%	0.00%	0.00%	798	756	779
	Moga	0.00%	100.00%	0.00%	0.00%	795	761	779
Phagi	0.00%	100.00%	0.00%	0.00%	785	759	771	
Unnao	0.00%	100.00%	0.00%	0.00%	763	730	749	
WR	Akola	0.00%	100.00%	0.00%	0.00%	779	748	762
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	761	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	755	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	759	766
	Bina	0.00%	100.00%	0.00%	0.00%	788	760	775
	Champa	0.00%	100.00%	0.00%	0.00%	799	783	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	765	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	791	796
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	755	774
	Indore	0.00%	100.00%	0.00%	0.00%	788	760	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	766	779
	Koradi	0.00%	100.00%	0.00%	0.00%	758	736	746
	Pune	0.00%	100.00%	0.00%	0.00%	785	735	758
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	782	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	774	781
	Sasan	0.00%	100.00%	0.00%	0.00%	774	760	768
	Satna	0.00%	100.00%	0.00%	0.00%	782	761	773
	Seoni	0.00%	100.00%	0.00%	0.00%	789	766	778
	Sipat	0.00%	100.00%	0.00%	0.00%	770	759	765
	Sholapur	0.00%	85.49%	14.51%	14.51%	810	772	790
Tamnar PS	0.00%	100.00%	0.00%	0.00%	796	783	790	
Tirora	0.00%	100.00%	0.00%	0.00%	758	742	749	
Vadodara	0.00%	100.00%	0.00%	0.00%	796	767	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	764	770	
Wardha	0.00%	100.00%	0.00%	0.00%	795	765	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	779	788
	Raichur	0.00%	94.31%	5.69%	5.69%	806	776	790
	Kurnool	0.00%	76.18%	23.82%	23.82%	809	780	794
	Thiruvalam	0.00%	65.83%	34.17%	34.17%	810	785	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	781	764	774
	Gaya	0.00%	100.00%	0.00%	0.00%	785	753	763
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	774	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	757	777
Sasaram	0.00%	100.00%	0.00%	0.00%	782	740	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	Balipara (400 kV)	0.00%	96.67%	3.33%	3.33%	424	404	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	407
	Misa (400 kV)	0.00%	95.21%	4.79%	4.79%	425	407	414
	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.