

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

**Date of Reporting: 1-Oct-16
System Reliability Indices Report for: 30-Sep-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	18	4.50	18.75
2	ER-NR	3	0.75	3.13
3	Import of NR	45	11.25	46.88
4	NEW-SR	0	0.00	0.00
5	ER-NER	25	6.25	26.04

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	1	0.25	1.04
4	NEW-SR	0	0.00	0.00
4	ER-NER	20	5.00	20.83

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 30-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%	791	749	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	769	775
	Ballia	0.00%	100.00%	0.00%	0.00%	783	760	772
	Bhiwani	0.00%	100.00%	0.00%	0.00%	792	762	780
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	743	762
	Jhatikara	0.00%	100.00%	0.00%	0.00%	793	755	779
	Lucknow	0.00%	100.00%	0.00%	0.00%	785	760	773
	Meerut	0.00%	100.00%	0.00%	0.00%	796	760	781
	Moga	0.00%	100.00%	0.00%	0.00%	789	761	776
Phagi	0.00%	100.00%	0.00%	0.00%	790	759	776	
Unnao	0.00%	100.00%	0.00%	0.00%	770	748	760	
WR	Akola	0.00%	100.00%	0.00%	0.00%	779	756	768
	Aurangabad	0.00%	95.42%	4.58%	4.58%	803	761	786
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	765	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	759	764
	Bina	0.00%	100.00%	0.00%	0.00%	791	772	782
	Champa	0.00%	100.00%	0.00%	0.00%	795	778	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	781	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	770	787
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	763	780
	Indore	0.00%	100.00%	0.00%	0.00%	785	766	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	772	781
	Koradi	0.00%	100.00%	0.00%	0.00%	765	747	757
	Pune	0.00%	98.96%	0.00%	0.00%	800	746	779
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	790	778	783
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	782	769	774
	Sasan	0.00%	100.00%	0.00%	0.00%	786	773	779
	Satna	0.00%	100.00%	0.00%	0.00%	794	778	786
	Seoni	0.00%	100.00%	0.00%	0.00%	791	767	779
	Sipat	0.00%	100.00%	0.00%	0.00%	768	758	763
	Sholapur	0.00%	71.25%	28.75%	28.75%	813	773	796
Tamnara PS	0.00%	100.00%	0.00%	0.00%	790	779	784	
Tirora	0.00%	100.00%	0.00%	0.00%	762	750	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	770	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	786	777	781	
Wardha	0.00%	100.00%	0.00%	0.00%	800	760	783	
SR	Nellore PS	0.00%	85.76%	14.24%	14.24%	805	780	791
	Raichur	0.00%	76.81%	23.19%	23.19%	806	776	794
	Kurnool	0.00%	60.76%	39.24%	39.24%	809	781	797
	Thiruvalam	0.00%	56.18%	43.82%	43.82%	814	787	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	770	753	762
	Gaya	0.00%	100.00%	0.00%	0.00%	780	758	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	784	772	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	782	765	775
Sasaram	0.00%	100.00%	0.00%	0.00%	766	738	753	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	405	390	398
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	409
	Silchar (400 kV)	0.64%	99.36%	0.00%	0.64%	414	350	408

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