

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

**Date of Reporting: 1-Nov-16
System Reliability Indices Report for: 31-Oct-16**

Percentage (%) of times ATC 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	21	5.25	21.88
5	ER-NER	0	0.00	0.00

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	19	4.75	19.79

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 31-Oct-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%	788	758	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	764	768
	Ballia	0.00%	100.00%	0.00%	0.00%	790	759	779
	Bhiwani	0.00%	62.92%	37.08%	37.08%	810	783	798
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	758	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	743	765
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	766	788
	Meerut	0.00%	94.65%	5.28%	5.28%	806	755	782
	Moga	0.00%	52.92%	47.08%	47.08%	805	772	796
Phagi	0.00%	100.00%	0.00%	0.00%	797	778	788	
Unnao	0.00%	100.00%	0.00%	0.00%	771	746	760	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	749	767
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	751	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	760	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	763	769
	Bina	0.00%	100.00%	0.00%	0.00%	792	770	781
	Champa	0.00%	83.82%	4.93%	4.93%	802	789	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	770	777
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	743	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	768	783
	Indore	0.00%	100.00%	0.00%	0.00%	793	766	780
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	772	782
	Koradi	0.00%	100.00%	0.00%	0.00%	767	738	755
	Pune	0.00%	100.00%	0.00%	0.00%	795	755	779
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	786	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	777	785
	Sasan	0.00%	100.00%	0.00%	0.00%	777	764	770
	Satna	0.00%	100.00%	0.00%	0.00%	785	766	777
	Seoni	0.00%	100.00%	0.00%	0.00%	793	769	781
	Sipat	0.00%	100.00%	0.00%	0.00%	774	762	767
	Sholapur	0.00%	98.26%	1.74%	1.74%	802	761	789
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	787	792	
Tirora	0.00%	100.00%	0.00%	0.00%	763	744	755	
Vadodara	0.00%	81.74%	18.26%	18.26%	806	779	793	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	768	773	
Wardha	0.00%	100.00%	0.00%	0.00%	796	762	784	
SR	Nellore PS	0.00%	89.24%	10.76%	10.76%	805	775	789
	Raichur	0.00%	98.75%	1.25%	1.25%	801	767	787
	Kurnool	0.00%	83.40%	16.60%	16.60%	808	774	792
	Thiruvalam	0.00%	45.56%	54.44%	54.44%	820	787	803
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	768	778
	Gaya	0.00%	100.00%	0.00%	0.00%	787	757	777
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	778	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	771	783
	Sasaram	0.00%	100.00%	0.00%	0.00%	781	740	767
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	409
	Balipara (400 kV)	0.00%	98.89%	1.11%	1.11%	423	397	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	390	406
	Misa (400 kV)	0.00%	88.68%	11.32%	11.32%	423	400	415
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	413

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