

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

**Date of Reporting: 19-Oct-16
System Reliability Indices Report for: 18-Oct-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	3	0.75	3.13
4	NEW-SR	3	0.75	3.13
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	24	6.00	25.00

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 18-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	764	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	767	768
	Ballia	0.00%	100.00%	0.00%	0.00%	779	764	772
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	779	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	757	766
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	774	787
	Lucknow	0.00%	100.00%	0.00%	0.00%	783	767	775
	Meerut	0.00%	95.93%	3.21%	3.21%	802	778	789
	Moga	0.00%	100.00%	0.00%	0.00%	780	780	780
Phagi	0.00%	100.00%	0.00%	0.00%	792	769	780	
Unnao	0.00%	100.00%	0.00%	0.00%	761	750	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	774	743	759
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	756	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	762	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	757	762
	Bina	0.00%	100.00%	0.00%	0.00%	782	766	773
	Champa	0.00%	98.72%	1.28%	1.28%	801	789	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	767	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	759	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	768	777
	Indore	0.00%	100.00%	0.00%	0.00%	786	761	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	784	768	775
	Koradi	0.00%	100.00%	0.00%	0.00%	760	740	750
	Pune	0.00%	100.00%	0.00%	0.00%	787	749	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	784	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	774	781
	Sasan	0.00%	100.00%	0.00%	0.00%	772	763	767
	Satna	0.00%	100.00%	0.00%	0.00%	777	764	771
	Seoni	0.00%	100.00%	0.00%	0.00%	787	774	780
	Sipat	0.00%	100.00%	0.00%	0.00%	767	756	761
	Sholapur	0.00%	100.00%	0.00%	0.00%	798	765	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	796	785	789	
Tirora	0.00%	100.00%	0.00%	0.00%	758	744	751	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	761	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	771	767	769	
Wardha	0.00%	100.00%	0.00%	0.00%	795	766	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	774	781
	Raichur	0.00%	100.00%	0.00%	0.00%	794	773	786
	Kurnool	0.00%	100.00%	0.00%	0.00%	798	777	788
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	798	783	791
ER	Angul	0.00%	100.00%	0.00%	0.00%	780	768	773
	Gaya	0.00%	100.00%	0.00%	0.00%	777	762	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	778	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	784	769	776
Sasaram	0.00%	100.00%	0.00%	0.00%	776	755	765	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	404	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	394	400
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	408

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