

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

**Date of Reporting: 23-Oct-16
System Reliability Indices Report for: 22-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	5	1.25	5.21
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	0	0.00	0.00

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 22-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%	780	752	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	763	766
	Ballia	0.00%	100.00%	0.00%	0.00%	783	762	773
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	770	782
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	757	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	767	740	756
	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	765	784
	Lucknow	0.00%	100.00%	0.00%	0.00%	785	762	775
	Meerut	0.00%	99.24%	0.07%	0.07%	801	766	786
	Moga	0.00%	99.79%	0.21%	0.21%	800	765	783
Phagi	0.00%	100.00%	0.00%	0.00%	790	759	777	
Unnao	0.00%	100.00%	0.00%	0.00%	763	743	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	753	768
	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	749	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	750	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	768	756	762
	Bina	0.00%	100.00%	0.00%	0.00%	778	756	768
	Champa	0.00%	99.31%	0.00%	0.00%	800	786	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	764	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	750	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	782	758	771
	Indore	0.00%	100.00%	0.00%	0.00%	784	747	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	782	761	772
	Koradi	0.00%	100.00%	0.00%	0.00%	767	745	756
	Pune	0.00%	100.00%	0.00%	0.00%	795	742	774
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	783	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	790	772	779
	Sasan	0.00%	100.00%	0.00%	0.00%	769	759	764
	Satna	0.00%	100.00%	0.00%	0.00%	774	760	766
	Seoni	0.00%	100.00%	0.00%	0.00%	787	759	773
	Sipat	0.00%	100.00%	0.00%	0.00%	767	756	761
	Sholapur	0.00%	98.47%	1.53%	1.53%	804	760	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	783	789	
Tirora	0.00%	100.00%	0.00%	0.00%	762	748	755	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	755	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	771	762	767	
Wardha	0.00%	99.44%	0.56%	0.56%	801	758	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	770	779
	Raichur	0.00%	100.00%	0.00%	0.00%	797	763	781
	Kurmoor	0.00%	99.79%	0.21%	0.21%	801	769	786
	Thiruvalam	0.00%	82.35%	17.65%	17.65%	805	782	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	770	777
	Gaya	0.00%	100.00%	0.00%	0.00%	780	761	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	776	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	785	769	778
Sasaram	0.00%	100.00%	0.00%	0.00%	756	733	746	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	404	408
	Balipara (400 kV)	0.00%	98.96%	1.04%	1.04%	420	403	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	397	404
	Misa (400 kV)	0.00%	92.15%	7.85%	7.85%	422	407	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	410

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