

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

**Date of Reporting: 21-Oct-16
System Reliability Indices Report for: 20-Oct-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	Import of NR	1	0.25	1.04
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 20-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%	790	761	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	765	768
	Ballia	0.00%	100.00%	0.00%	0.00%	790	769	778
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	782	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	754	769
	Jhatikara	0.00%	91.74%	8.26%	8.26%	806	771	789
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	771	779
	Meerut	0.00%	83.82%	10.42%	10.42%	808	770	790
	Moga	0.00%	100.00%	0.00%	0.00%	780	780	780
Phagi	0.00%	100.00%	0.00%	0.00%	796	760	783	
Unnao	0.00%	100.00%	0.00%	0.00%	769	748	759	
WR	Akola	0.00%	100.00%	0.00%	0.00%	776	748	763
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	749	773
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	755	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	750	761
	Bina	0.00%	100.00%	0.00%	0.00%	783	760	771
	Champa	0.00%	98.61%	0.00%	0.00%	800	778	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	758	769
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	755	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	767	778
	Indore	0.00%	100.00%	0.00%	0.00%	781	753	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	785	761	772
	Koradi	0.00%	100.00%	0.00%	0.00%	762	741	753
	Pune	0.00%	100.00%	0.00%	0.00%	794	741	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	792	768	779
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	765	777
	Sasan	0.00%	100.00%	0.00%	0.00%	769	759	764
	Satna	0.00%	100.00%	0.00%	0.00%	775	759	767
	Seoni	0.00%	100.00%	0.00%	0.00%	786	756	772
	Sipat	0.00%	100.00%	0.00%	0.00%	768	751	759
	Sholapur	0.00%	99.86%	0.14%	0.14%	801	758	781
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	776	787	
Tirora	0.00%	100.00%	0.00%	0.00%	759	745	753	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	757	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	771	763	767	
Wardha	0.00%	100.00%	0.00%	0.00%	793	758	773	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	767	778
	Raichur	0.00%	100.00%	0.00%	0.00%	796	762	780
	Kurnool	0.00%	99.58%	0.42%	0.42%	801	769	784
	Thiruvalam	0.00%	93.33%	6.67%	6.67%	801	778	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	763	774
	Gaya	0.00%	100.00%	0.00%	0.00%	787	765	776
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	770	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	759	775
Sasaram	0.00%	100.00%	0.00%	0.00%	786	759	773	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	408
	Balipara (400 kV)	0.00%	95.14%	4.86%	4.86%	422	404	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	405
	Misa (400 kV)	0.00%	87.85%	12.15%	12.15%	422	407	416
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	410

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