

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

**Date of Reporting: 30-Oct-16
System Reliability Indices Report for: 29-Oct-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	28	7.00	29.17
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 29-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%	789	755	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	759	767
	Ballia	0.00%	100.00%	0.00%	0.00%	784	753	772
	Bhiwani	0.00%	82.85%	17.15%	17.15%	804	773	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	741	762
	Jhatikara	0.00%	100.00%	0.00%	0.00%	770	770	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	761	780
	Meerut	0.00%	84.79%	13.33%	13.33%	809	765	789
	Moga	0.00%	82.57%	17.43%	17.43%	806	769	793
Phagi	0.00%	100.00%	0.00%	0.00%	796	768	782	
Unnao	0.00%	100.00%	0.00%	0.00%	770	738	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	751	769
	Aurangabad	0.00%	99.79%	0.21%	0.21%	805	748	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	748	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	755	763
	Bina	0.00%	100.00%	0.00%	0.00%	785	759	771
	Champa	0.00%	100.00%	0.00%	0.00%	799	780	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	761	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	753	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	761	775
	Indore	0.00%	100.00%	0.00%	0.00%	783	753	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	786	760	773
	Koradi	0.00%	100.00%	0.00%	0.00%	769	745	758
	Pune	0.00%	100.00%	0.00%	0.00%	795	729	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	777	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	766	775
	Sasan	0.00%	100.00%	0.00%	0.00%	775	762	768
	Satna	0.00%	100.00%	0.00%	0.00%	780	760	770
	Seoni	0.00%	100.00%	0.00%	0.00%	788	755	773
	Sipat	0.00%	100.00%	0.00%	0.00%	770	754	762
	Sholapur	0.00%	99.24%	0.76%	0.76%	807	754	784
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	778	786	
Tirora	0.00%	100.00%	0.00%	0.00%	765	747	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	763	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	765	770	
Wardha	0.00%	99.51%	0.49%	0.49%	805	751	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	777	787
	Raichur	0.00%	100.00%	0.00%	0.00%	800	766	784
	Kurnool	0.00%	99.03%	0.97%	0.97%	803	750	790
	Thiruvalam	0.00%	41.88%	58.13%	58.13%	809	793	801
ER	Angul	0.00%	100.00%	0.00%	0.00%	780	763	771
	Gaya	0.00%	100.00%	0.00%	0.00%	781	753	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	770	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	766	776
Sasaram	0.00%	100.00%	0.00%	0.00%	776	746	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	409
	Balipara (400 kV)	0.00%	99.65%	0.35%	0.35%	420	391	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	391	404
	Misa (400 kV)	0.00%	96.81%	3.19%	3.19%	422	396	414
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	412	

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