

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **29-Oct-16**
System Reliability Indices Report for: **28-Oct-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	39	9.75	40.63
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 28-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%	787	750	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	756	764
	Ballia	0.00%	100.00%	0.00%	0.00%	783	754	772
	Bhiwani	0.00%	91.88%	8.13%	8.13%	804	764	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	743	760
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	763	777
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	760	779
	Meerut	0.00%	87.36%	7.57%	7.57%	805	759	784
	Moga	0.00%	89.86%	10.14%	10.14%	804	733	783
	Phagi	0.00%	100.00%	0.00%	0.00%	794	754	778
Unnao	0.00%	100.00%	0.00%	0.00%	767	738	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	747	771
	Aurangabad	0.00%	96.53%	3.47%	3.47%	805	747	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	756	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	754	764
	Bina	0.00%	100.00%	0.00%	0.00%	785	758	772
	Champa	0.00%	98.47%	0.76%	0.76%	802	781	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	760	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	754	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	755	773
	Indore	0.00%	100.00%	0.00%	0.00%	785	758	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	763	777
	Koradi	0.00%	100.00%	0.00%	0.00%	770	742	759
	Pune	0.00%	99.38%	0.00%	0.00%	800	748	775
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	779	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	769	779
	Sasan	0.00%	100.00%	0.00%	0.00%	775	761	768
	Satna	0.00%	100.00%	0.00%	0.00%	779	757	769
	Seoni	0.00%	100.00%	0.00%	0.00%	789	756	774
	Sipat	0.00%	100.00%	0.00%	0.00%	770	754	762
	Sholapur	0.00%	90.56%	9.44%	9.44%	809	758	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	796	780	787	
Tirora	0.00%	100.00%	0.00%	0.00%	765	746	757	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	760	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	765	770	
Wardha	0.00%	96.25%	3.75%	3.75%	806	755	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	772	782
	Raichur	0.00%	100.00%	0.00%	0.00%	800	764	782
	Kurnool	0.00%	97.57%	2.43%	2.43%	803	769	787
	Thiruvalam	0.00%	74.38%	25.63%	25.63%	807	781	795
ER	Angul	0.00%	100.00%	0.00%	0.00%	780	766	773
	Gaya	0.00%	100.00%	0.00%	0.00%	779	753	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	770	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	759	774
Sasaram	0.00%	100.00%	0.00%	0.00%	777	738	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	409
	Balipara (400 kV)	0.00%	95.49%	4.51%	4.51%	424	398	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	404
	Misa (400 kV)	0.00%	91.11%	8.89%	8.89%	426	401	415
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	412

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