

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **25-Oct-16**
System Reliability Indices Report for: **24-Oct-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	7	1.75	7.29
2	ER-NR	0	0.00	0.00
3	Import of NR	1	0.25	1.04
4	NEW-SR	27	6.75	28.13
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	2	0.50	2.08
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 24-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	751	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	763	768
	Ballia	0.00%	100.00%	0.00%	0.00%	782	760	773
	Bhiwani	0.00%	84.17%	15.83%	15.83%	805	774	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	743	759
	Jhatikara	0.00%	99.86%	0.14%	0.14%	800	771	791
	Lucknow	0.00%	100.00%	0.00%	0.00%	785	761	773
	Meerut	0.00%	98.13%	0.69%	0.69%	801	761	783
	Moga	0.00%	89.24%	10.76%	10.76%	804	768	785
Phagi	0.00%	100.00%	0.00%	0.00%	794	765	778	
Unnao	0.00%	100.00%	0.00%	0.00%	760	741	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	747	767
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	757	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	745	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	754	763
	Bina	0.00%	100.00%	0.00%	0.00%	788	755	772
	Champa	0.00%	90.14%	4.24%	4.24%	801	782	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	761	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	760	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	758	775
	Indore	0.00%	100.00%	0.00%	0.00%	791	750	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	789	759	774
	Koradi	0.00%	100.00%	0.00%	0.00%	771	743	756
	Pune	0.00%	100.00%	0.00%	0.00%	796	747	771
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	779	788
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	771	779
	Sasan	0.00%	100.00%	0.00%	0.00%	777	758	767
	Satna	0.00%	100.00%	0.00%	0.00%	784	759	770
	Seoni	0.00%	100.00%	0.00%	0.00%	791	758	774
	Sipat	0.00%	100.00%	0.00%	0.00%	774	753	762
	Sholapur	0.00%	88.61%	11.39%	11.39%	807	759	782
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	780	788	
Tirora	0.00%	100.00%	0.00%	0.00%	765	746	755	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	758	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	761	769	
Wardha	0.00%	99.79%	0.21%	0.21%	802	765	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	767	778
	Raichur	0.00%	99.24%	0.76%	0.76%	802	762	780
	Kurnool	0.00%	93.82%	6.18%	6.18%	804	769	785
	Thiruvalam	0.00%	40.56%	59.44%	59.44%	808	781	801
ER	Angul	0.00%	100.00%	0.00%	0.00%	781	768	775
	Gaya	0.00%	100.00%	0.00%	0.00%	780	759	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	774	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	768	778
Sasaram	0.00%	100.00%	0.00%	0.00%	780	734	753	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407
	Balipara (400 kV)	0.00%	97.64%	2.36%	2.36%	424	399	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	401
	Misa (400 kV)	0.00%	93.19%	6.81%	6.81%	425	403	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	409

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