

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

**Date of Reporting: 10-Nov-16
System Reliability Indices Report for: 9-Nov-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	35	8.75	36.46
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	1	0.25	1.04
4	ER-NER	4	1.00	4.17

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 09-Nov-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	749	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	759	764
	Ballia	0.00%	100.00%	0.00%	0.00%	791	765	775
	Bhiwani	0.00%	74.58%	25.42%	25.42%	805	772	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	741	759
	Jhatikara	0.00%	97.43%	2.57%	2.57%	802	765	786
	Lucknow	0.00%	99.86%	0.14%	0.14%	801	771	784
	Meerut	0.00%	95.83%	3.89%	3.89%	807	753	783
	Moga	0.00%	93.61%	6.39%	6.39%	806	771	792
Phagi	0.00%	100.00%	0.00%	0.00%	800	763	783	
Unnao	0.00%	100.00%	0.00%	0.00%	774	743	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	751	771
	Aurangabad	0.00%	98.89%	1.11%	1.11%	804	753	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	746	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	749	762
	Bina	0.00%	100.00%	0.00%	0.00%	785	749	771
	Champa	0.00%	93.81%	2.20%	2.20%	802	782	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	753	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	755	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	751	776
	Indore	0.00%	100.00%	0.00%	0.00%	790	744	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	786	753	773
	Koradi	0.00%	100.00%	0.00%	0.00%	772	745	761
	Pune	0.00%	100.00%	0.00%	0.00%	793	747	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	779	788
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	770	780
	Sasan	0.00%	100.00%	0.00%	0.00%	769	752	763
	Satna	0.00%	100.00%	0.00%	0.00%	780	752	769
	Seoni	0.00%	100.00%	0.00%	0.00%	791	754	772
	Sipat	0.00%	100.00%	0.00%	0.00%	770	750	761
	Sholapur	0.00%	97.99%	2.01%	2.01%	806	758	780
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	781	789	
Tirora	0.00%	100.00%	0.00%	0.00%	766	749	759	
Vadodara	0.00%	100.00%	0.00%	0.00%	796	757	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	769	755	766	
Wardha	0.00%	97.64%	2.36%	2.36%	807	763	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	769	780
	Raichur	0.00%	100.00%	0.00%	0.00%	798	762	780
	Kurnool	0.00%	99.65%	0.35%	0.35%	801	769	786
	Thiruvalam	0.00%	86.94%	13.06%	13.06%	802	780	791
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	768	777
	Gaya	0.00%	100.00%	0.00%	0.00%	785	763	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	767	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	762	777
Sasaram	0.00%	100.00%	0.00%	0.00%	780	731	752	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	408
	Balipara (400 kV)	0.00%	97.57%	2.43%	2.43%	421	395	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	389	402
	Misa (400 kV)	0.00%	76.53%	23.47%	23.47%	422	399	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	410

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