

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

**System Reliability Indices Report for the week from
21-Nov-2016 to 27-Nov-2016**

Date: 1-Dec-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	0.74
2	ER-NR	0	0.00	0.00
3	Import of NR	62	15.50	9.23
4	NEW-SR	154	38.50	22.92
5	ER-NER	4	1.00	0.60

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	1	0.25	0.15
4	NEW-SR	2	0.50	0.30
4	ER-NER	3	0.75	0.45

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 week from 21-Nov-2016 to 27-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%	799	746	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	753	767
	Ballia	0.00%	100.00%	0.00%	0.00%	795	753	778
	Bhiwani	0.00%	70.29%	29.71%	29.71%	813	757	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	738	763
	Jhatikara	0.00%	74.81%	25.19%	25.19%	811	757	789
	Lucknow	0.00%	89.83%	10.17%	10.17%	807	764	789
	Meerut	0.00%	91.21%	7.03%	7.03%	816	754	785
	Moga	0.00%	90.08%	9.92%	9.92%	809	744	783
Phagi	0.00%	98.62%	1.38%	1.38%	803	752	782	
Unnao	0.00%	100.00%	0.00%	0.00%	783	734	760	
WR	Akola	0.00%	100.00%	0.00%	0.00%	793	742	768
	Aurangabad	0.00%	99.73%	0.27%	0.27%	804	746	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	743	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	751	764
	Bina	0.00%	100.00%	0.00%	0.00%	790	751	774
	Champa	0.00%	99.24%	0.55%	0.55%	803	776	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	756	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	746	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	750	778
	Indore	0.00%	100.00%	0.00%	0.00%	795	742	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	753	775
	Koradi	0.00%	100.00%	0.00%	0.00%	774	740	758
	Pune	0.00%	99.34%	0.00%	0.00%	800	732	772
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	799	773	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	767	776
	Sasan	0.00%	100.00%	0.00%	0.00%	777	754	766
	Satna	0.00%	100.00%	0.00%	0.00%	785	751	771
	Seoni	0.00%	100.00%	0.00%	0.00%	791	751	773
	Sipat	0.00%	100.00%	0.00%	0.00%	773	752	763
	Sholapur	0.00%	97.58%	2.42%	2.42%	807	752	782
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	775	786	
Tirora	0.00%	100.00%	0.00%	0.00%	769	744	758	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	753	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	759	769	
Wardha	0.00%	99.54%	0.46%	0.46%	805	757	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	766	779
	Raichur	0.00%	99.90%	0.10%	0.10%	802	759	781
	Kurnool	0.00%	98.58%	1.42%	1.42%	807	767	787
	Thiruvalam	0.00%	87.35%	12.65%	12.65%	808	769	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	763	775
	Gaya	0.00%	100.00%	0.00%	0.00%	791	-37	777
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	768	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	763	777
Sasaram	0.75%	99.25%	0.00%	0.75%	787	723	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	409
	Balipara (400 kV)	0.00%	97.89%	2.11%	2.11%	427	384	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	385	407
	Misa (400 kV)	0.00%	61.05%	38.95%	38.95%	432	396	417
	Silchar (400 kV)	0.00%	96.00%	4.00%	4.00%	423	390	413

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