

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

Date of Reporting: **15-Nov-16**  
System Reliability Indices Report for: **14-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	14	3.50	14.58
5	NER Import	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	NER Import	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 13-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%	793	752	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	761	766
	Ballia	0.00%	100.00%	0.00%	0.00%	791	766	779
	Bhiwani	0.00%	51.32%	48.68%	48.68%	810	776	797
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	744	764
	Jhatikara	0.00%	73.68%	26.32%	26.32%	812	771	792
	Lucknow	0.00%	94.24%	5.76%	5.76%	801	773	788
	Meerut	0.00%	98.54%	1.25%	1.25%	808	761	786
	Moga	0.00%	68.40%	31.60%	31.60%	804	769	791
Phagi	0.00%	100.00%	0.00%	0.00%	799	764	786	
Unnao	0.00%	100.00%	0.00%	0.00%	772	744	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	778	745	765
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	757	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	753	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	757	766
	Bina	0.00%	100.00%	0.00%	0.00%	792	755	777
	Champa	0.00%	76.94%	22.36%	22.36%	806	789	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	764	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	755	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	755	780
	Indore	0.00%	100.00%	0.00%	0.00%	792	749	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	758	778
	Koradi	0.00%	100.00%	0.00%	0.00%	766	743	757
	Pune	0.00%	100.00%	0.00%	0.00%	793	746	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	800	783	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	795	776	783
	Sasan	0.00%	100.00%	0.00%	0.00%	778	757	767
	Satna	0.00%	100.00%	0.00%	0.00%	788	755	773
	Seoni	0.00%	100.00%	0.00%	0.00%	793	759	777
	Sipat	0.00%	100.00%	0.00%	0.00%	774	757	764
	Sholapur	0.00%	99.72%	0.28%	0.28%	801	758	783
Tamnara PS	0.00%	99.31%	0.69%	0.69%	801	784	791	
Tirora	0.00%	100.00%	0.00%	0.00%	764	747	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	760	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	760	770	
Wardha	0.00%	99.93%	0.07%	0.07%	800	768	784	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	772	782
	Raichur	0.00%	100.00%	0.00%	0.00%	799	766	782
	Kurnool	0.00%	98.61%	1.39%	1.39%	804	772	787
	Thiruvalam	0.00%	77.43%	22.57%	22.57%	808	779	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	770	778
	Gaya	0.00%	100.00%	0.00%	0.00%	789	765	778
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	776	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	770	781
Sasaram	0.00%	100.00%	0.00%	0.00%	775	749	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	410
	Balipara (400 kV)	0.00%	61.67%	38.33%	38.33%	427	395	418
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	387	409
	Misa (400 kV)	0.00%	43.26%	56.74%	56.74%	428	399	420
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	414

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