

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

Date of Reporting: **16-Nov-16**  
System Reliability Indices Report for: **15-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	25	6.25	26.04
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 15-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%	794	753	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	759	766
	Ballia	0.00%	100.00%	0.00%	0.00%	796	761	778
	Bhiwani	0.00%	71.25%	28.75%	28.75%	814	772	792
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	759	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	743	762
	Jhatikara	0.00%	84.24%	15.76%	15.76%	806	769	780
	Lucknow	0.00%	93.54%	6.46%	6.46%	807	770	786
	Meerut	0.00%	87.71%	11.18%	11.18%	812	757	786
	Moga	0.00%	89.24%	10.76%	10.76%	807	776	790
Phagi	0.00%	96.11%	3.89%	3.89%	803	767	784	
Unnao	0.00%	100.00%	0.00%	0.00%	776	742	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	780	746	767
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	751	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	749	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	758	765
	Bina	0.00%	100.00%	0.00%	0.00%	790	756	774
	Champa	0.00%	90.83%	2.08%	2.08%	802	788	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	766	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	757	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	758	776
	Indore	0.00%	100.00%	0.00%	0.00%	791	752	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	789	760	775
	Koradi	0.00%	100.00%	0.00%	0.00%	767	743	758
	Pune	0.00%	100.00%	0.00%	0.00%	790	731	767
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	784	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	776	781
	Sasan	0.00%	100.00%	0.00%	0.00%	777	757	766
	Satna	0.00%	100.00%	0.00%	0.00%	786	757	771
	Seoni	0.00%	100.00%	0.00%	0.00%	790	760	775
	Sipat	0.00%	100.00%	0.00%	0.00%	771	758	763
	Sholapur	0.00%	100.00%	0.00%	0.00%	800	757	783
Tamnar PS	0.00%	100.00%	0.00%	0.00%	797	785	791	
Tirora	0.00%	100.00%	0.00%	0.00%	764	747	757	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	762	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	760	768	
Wardha	0.00%	99.72%	0.28%	0.28%	801	762	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	764	780
	Raichur	0.00%	100.00%	0.00%	0.00%	796	766	781
	Kurnool	0.00%	99.86%	0.14%	0.14%	800	774	787
	Thiruvalam	0.00%	94.58%	5.42%	5.42%	803	780	791
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	768	776
	Gaya	0.00%	100.00%	0.00%	0.00%	790	760	776
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	777	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	770	780
Sasaram	0.00%	100.00%	0.00%	0.00%	775	746	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	409
	Balipara (400 kV)	0.00%	55.56%	44.44%	44.44%	425	389	417
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	386	407
	Misa (400 kV)	0.00%	62.99%	37.01%	37.01%	427	393	418
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	413

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