

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

Date of Reporting: **26-Nov-16**  
System Reliability Indices Report for: **25-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	5	1.25	5.21
4	NEW-SR	43	10.75	44.79
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	1	0.25	1.04
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 25-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%	795	752	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	753	767
	Ballia	0.00%	100.00%	0.00%	0.00%	795	753	782
	Bhiwani	0.00%	67.64%	32.36%	32.36%	810	771	792
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	741	767
	Jhatikara	0.00%	75.83%	24.17%	24.17%	810	767	791
	Lucknow	0.00%	84.38%	15.63%	15.63%	805	769	791
	Meerut	0.00%	91.94%	4.03%	4.03%	804	760	788
	Moga	0.00%	88.96%	11.04%	11.04%	806	764	787
Phagi	0.00%	100.00%	0.00%	0.00%	798	757	783	
Unnao	0.00%	100.00%	0.00%	0.00%	783	744	764	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	754	767
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	758	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	754	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	753	763
	Bina	0.00%	100.00%	0.00%	0.00%	788	757	773
	Champa	0.00%	100.00%	0.00%	0.00%	798	780	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	759	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	760	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	758	781
	Indore	0.00%	100.00%	0.00%	0.00%	789	752	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	758	773
	Koradi	0.00%	100.00%	0.00%	0.00%	769	747	756
	Pune	0.00%	99.72%	0.00%	0.00%	800	753	776
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	793	775	784
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	787	768	778
	Sasan	0.00%	100.00%	0.00%	0.00%	775	756	767
	Satna	0.00%	100.00%	0.00%	0.00%	783	756	771
	Seoni	0.00%	100.00%	0.00%	0.00%	788	757	773
	Sipat	0.00%	100.00%	0.00%	0.00%	771	754	762
	Sholapur	0.00%	96.25%	3.75%	3.75%	806	760	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	793	776	785	
Tirora	0.00%	100.00%	0.00%	0.00%	764	750	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	760	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	760	769	
Wardha	0.00%	100.00%	0.00%	0.00%	798	766	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	766	778
	Raichur	0.00%	99.65%	0.35%	0.35%	802	763	781
	Kurnool	0.00%	95.69%	4.31%	4.31%	807	770	786
	Thiruvalam	0.00%	80.28%	19.72%	19.72%	808	769	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	765	774
	Gaya	0.00%	100.00%	0.00%	0.00%	791	750	778
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	770	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	765	777
Sasaram	0.00%	100.00%	0.00%	0.00%	781	730	766	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	409
	Balipara (400 kV)	0.00%	92.29%	7.71%	7.71%	427	390	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	388	406
	Misa (400 kV)	0.00%	61.60%	38.40%	38.40%	432	396	419
	Silchar (400 kV)	0.00%	93.26%	6.74%	6.74%	423	399	414

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