

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

Date of Reporting: **12-Nov-16**  
System Reliability Indices Report for: **11-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	7	1.75	7.29
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	0	0.00	0.00
4	ER-NER	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 11-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%	789	752	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	762	766
	Ballia	0.00%	100.00%	0.00%	0.00%	788	764	777
	Bhiwani	0.00%	68.68%	31.32%	31.32%	808	776	794
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	746	762
	Jhatikara	0.00%	77.78%	22.22%	22.22%	808	774	791
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	772	785
	Meerut	0.00%	86.94%	11.04%	11.04%	810	760	791
	Moga	0.00%	56.60%	43.40%	43.40%	808	775	794
Phagi	0.00%	100.00%	0.00%	0.00%	799	746	784	
Unnao	0.00%	100.00%	0.00%	0.00%	770	746	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	747	773
	Aurangabad	0.00%	98.33%	1.67%	1.67%	806	740	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	733	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	750	762
	Bina	0.00%	100.00%	0.00%	0.00%	787	749	771
	Champa	0.00%	83.82%	9.86%	9.86%	803	784	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	760	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	742	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	757	776
	Indore	0.00%	100.00%	0.00%	0.00%	787	737	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	752	772
	Koradi	0.00%	100.00%	0.00%	0.00%	772	743	762
	Pune	0.00%	100.00%	0.00%	0.00%	794	741	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	780	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	795	768	780
	Sasan	0.00%	100.00%	0.00%	0.00%	773	756	764
	Satna	0.00%	100.00%	0.00%	0.00%	783	756	769
	Seoni	0.00%	100.00%	0.00%	0.00%	792	746	772
	Sipat	0.00%	100.00%	0.00%	0.00%	769	751	761
	Sholapur	0.00%	93.68%	6.32%	6.32%	805	759	785
Tamnar PS	0.00%	100.00%	0.00%	0.00%	798	780	790	
Tirora	0.00%	100.00%	0.00%	0.00%	767	747	760	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	750	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	757	767	
Wardha	0.00%	96.25%	3.75%	3.75%	809	749	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	771	781
	Raichur	0.00%	99.51%	0.49%	0.49%	801	766	784
	Kurnool	0.00%	97.71%	2.29%	2.29%	804	774	788
	Thiruvalam	0.00%	74.72%	25.28%	25.28%	804	778	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	769	777
	Gaya	0.00%	100.00%	0.00%	0.00%	786	765	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	771	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	768	778
Sasaram	0.00%	100.00%	0.00%	0.00%	778	747	762	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	408
	Balipara (400 kV)	0.00%	85.07%	14.93%	14.93%	424	394	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	389	406
	Misa (400 kV)	0.00%	73.19%	26.81%	26.81%	425	398	415
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	411

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