

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

**Date of Reporting: 18-Nov-16  
System Reliability Indices Report for: 17-Nov-16**

**Percentage (%) of times ATC was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	2.08
4	NEW-SR	28	7.00	29.17
5	NER Import	5	1.25	5.21

**Percentage(%) of times (N-1) Criteria was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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	5	1.25	5.21

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 17-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	748	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	762	770
	Ballia	0.00%	100.00%	0.00%	0.00%	796	763	782
	Bhiwani	0.00%	73.47%	26.53%	26.53%	810	767	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	759	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	742	764
	Jhatikara	0.00%	73.33%	26.67%	26.67%	809	763	789
	Lucknow	0.00%	82.22%	17.78%	17.78%	807	768	790
	Meerut	0.00%	93.82%	5.42%	5.42%	811	762	786
	Moga	0.00%	90.69%	9.31%	9.31%	805	768	785
Phagi	0.00%	96.39%	3.61%	3.61%	802	756	782	
Unnao	0.00%	100.00%	0.00%	0.00%	780	742	762	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	751	769
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	756	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	753	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	757	766
	Bina	0.00%	100.00%	0.00%	0.00%	790	752	773
	Champa	0.00%	87.78%	9.93%	9.93%	803	784	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	764	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	749	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	749	778
	Indore	0.00%	100.00%	0.00%	0.00%	793	750	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	758	775
	Koradi	0.00%	100.00%	0.00%	0.00%	774	746	759
	Pune	0.00%	100.00%	0.00%	0.00%	796	753	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	799	782	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	776	782
	Sasan	0.00%	100.00%	0.00%	0.00%	775	753	764
	Satna	0.00%	100.00%	0.00%	0.00%	781	749	768
	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%	96.04%	3.96%	3.96%	806	763	785
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	783	791	
Tirora	0.00%	100.00%	0.00%	0.00%	770	750	759	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	757	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	756	766	
Wardha	0.00%	99.86%	0.14%	0.14%	800	766	785	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	772	782
	Raichur	0.00%	100.00%	0.00%	0.00%	800	767	783
	Kurnool	0.00%	98.19%	1.81%	1.81%	803	774	788
	Thiruvalam	0.00%	94.51%	5.49%	5.49%	803	781	791
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	765	775
	Gaya	0.00%	100.00%	0.00%	0.00%	790	762	780
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	775	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	767	779
Sasaram	0.00%	100.00%	0.00%	0.00%	789	730	752	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	409
	Balipara (400 kV)	0.00%	98.75%	1.25%	1.25%	421	401	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	407
	Misa (400 kV)	0.00%	76.53%	23.47%	23.47%	423	404	416
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	413	

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