

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

**Date of Reporting: 24-Nov-16  
System Reliability Indices Report for: 23-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	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	22	5.50	22.92
4	NEW-SR	22	5.50	22.92
5	NER Import	4	1.00	4.17

**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	3	0.75	3.13

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 23-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%	799	753	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	761	767
	Ballia	0.00%	100.00%	0.00%	0.00%	793	768	780
	Bhiwani	0.00%	70.28%	29.72%	29.72%	809	770	792
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	757	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	744	762
	Jhatikara	0.00%	72.78%	27.22%	27.22%	809	765	789
	Lucknow	0.00%	91.04%	8.96%	8.96%	802	770	788
	Meerut	0.00%	94.10%	4.86%	4.86%	810	758	785
	Moga	0.00%	84.79%	15.21%	15.21%	805	764	787
Phagi	0.00%	92.08%	7.92%	7.92%	800	765	784	
Unnao	0.00%	100.00%	0.00%	0.00%	772	741	759	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	746	767
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	748	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	745	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	752	765
	Bina	0.00%	100.00%	0.00%	0.00%	789	751	774
	Champa	0.00%	100.00%	0.00%	0.00%	799	782	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	760	773
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	753	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	753	778
	Indore	0.00%	100.00%	0.00%	0.00%	792	742	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	754	777
	Koradi	0.00%	100.00%	0.00%	0.00%	773	743	759
	Pune	0.00%	100.00%	0.00%	0.00%	795	732	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	776	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	787	767	777
	Sasan	0.00%	100.00%	0.00%	0.00%	773	754	766
	Satna	0.00%	100.00%	0.00%	0.00%	782	751	771
	Seoni	0.00%	100.00%	0.00%	0.00%	789	752	773
	Sipat	0.00%	100.00%	0.00%	0.00%	772	753	764
	Sholapur	0.00%	98.26%	1.74%	1.74%	803	754	781
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	777	786	
Tirora	0.00%	100.00%	0.00%	0.00%	769	747	759	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	757	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	759	768	
Wardha	0.00%	99.93%	0.07%	0.07%	800	759	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	767	778
	Raichur	0.00%	99.93%	0.07%	0.07%	800	759	780
	Kurnool	0.00%	99.65%	0.35%	0.35%	803	767	784
	Thiruvalam	0.00%	78.68%	21.32%	21.32%	805	779	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	766	775
	Gaya	0.00%	100.00%	0.00%	0.00%	789	765	776
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	772	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	765	777
Sasaram	0.00%	100.00%	0.00%	0.00%	777	746	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	410
	Balipara (400 kV)	0.00%	99.65%	0.35%	0.35%	421	395	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	391	408
	Misa (400 kV)	0.00%	63.82%	36.18%	36.18%	426	402	418
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	399	414

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