

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

**Date of Reporting: 5-Nov-16  
System Reliability Indices Report for: 4-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	0	0.00	0.00
4	NEW-SR	14	3.50	14.58
5	ER-NER	0	0.00	0.00

**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	ER-NER	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 04-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%	791	752	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	761	768
	Ballia	0.00%	100.00%	0.00%	0.00%	785	761	775
	Bhiwani	0.00%	90.65%	9.35%	9.35%	810	772	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	738	761
	Jhatikara	0.00%	96.51%	3.49%	3.49%	805	770	786
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	769	784
	Meerut	0.00%	99.37%	0.00%	0.00%	800	755	778
	Moga	0.00%	98.67%	1.33%	1.33%	803	771	788
Phagi	0.00%	98.19%	1.81%	1.81%	802	756	781	
Unnao	0.00%	100.00%	0.00%	0.00%	784	742	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	743	766
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	750	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	744	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	754	764
	Bina	0.00%	100.00%	0.00%	0.00%	785	756	770
	Champa	0.00%	91.35%	5.65%	5.65%	806	783	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	763	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	738	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	757	774
	Indore	0.00%	100.00%	0.00%	0.00%	790	747	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	786	758	773
	Koradi	0.00%	100.00%	0.00%	0.00%	768	739	756
	Pune	0.00%	100.00%	0.00%	0.00%	800	748	775
	Raigarh PS (Kotra)	0.00%	98.74%	1.26%	1.26%	802	780	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	790	771	781
	Sasan	0.00%	100.00%	0.00%	0.00%	770	757	762
	Satna	0.00%	100.00%	0.00%	0.00%	779	759	767
	Seoni	0.00%	100.00%	0.00%	0.00%	788	755	774
	Sipat	0.00%	100.00%	0.00%	0.00%	768	755	763
	Sholapur	0.00%	97.91%	2.09%	2.09%	804	753	783
Tamnara PS	0.00%	98.05%	1.95%	1.95%	803	781	790	
Tirora	0.00%	100.00%	0.00%	0.00%	764	743	755	
Vadodara	0.00%	100.00%	0.00%	0.00%	800	766	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	769	760	765	
Wardha	0.00%	99.79%	0.21%	0.21%	801	759	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	770	783
	Raichur	0.00%	100.00%	0.00%	0.00%	798	758	782
	Kurnool	0.00%	97.56%	2.44%	2.44%	803	767	787
	Thiruvalam	0.00%	63.71%	36.29%	36.29%	809	780	796
ER	Angul	0.00%	98.39%	1.61%	1.61%	802	771	783
	Gaya	0.00%	100.00%	0.00%	0.00%	781	760	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	774	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	768	778
Sasaram	1.33%	98.67%	0.00%	1.33%	785	725	755	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	409
	Balipara (400 kV)	0.00%	80.95%	19.05%	19.05%	422	401	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	406
	Misa (400 kV)	0.00%	68.53%	31.47%	31.47%	423	403	417
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	412

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