

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

**Date of Reporting: 3-Nov-16  
System Reliability Indices Report for: 2-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	2	0.50	2.08
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	6	1.50	6.25

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 02-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%	784	758	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	762	767
	Ballia	0.00%	100.00%	0.00%	0.00%	785	767	777
	Bhiwani	0.00%	89.72%	10.28%	10.28%	802	778	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	746	759
	Jhatikara	0.00%	98.61%	1.39%	1.39%	803	774	788
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	778	787
	Meerut	0.00%	100.00%	0.00%	0.00%	799	768	784
	Moga	0.00%	56.39%	43.61%	43.61%	803	772	794
Phagi	0.00%	100.00%	0.00%	0.00%	792	764	780	
Unnao	0.00%	100.00%	0.00%	0.00%	767	747	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	752	771
	Aurangabad	0.00%	94.31%	5.69%	5.69%	804	761	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	749	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	757	765
	Bina	0.00%	100.00%	0.00%	0.00%	786	758	772
	Champa	0.00%	81.88%	15.28%	15.28%	804	786	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	765	773
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	761	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	761	775
	Indore	0.00%	100.00%	0.00%	0.00%	789	755	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	761	775
	Koradi	0.00%	100.00%	0.00%	0.00%	768	746	759
	Pune	0.00%	100.00%	0.00%	0.00%	795	751	775
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	799	782	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	780	783
	Sasan	0.00%	100.00%	0.00%	0.00%	771	757	763
	Satna	0.00%	100.00%	0.00%	0.00%	779	760	767
	Seoni	0.00%	100.00%	0.00%	0.00%	793	761	777
	Sipat	0.00%	100.00%	0.00%	0.00%	772	758	764
	Sholapur	0.00%	89.79%	10.21%	10.21%	807	766	787
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	783	789	
Tirora	0.00%	100.00%	0.00%	0.00%	765	749	757	
Vadodara	0.00%	94.31%	5.69%	5.69%	803	770	787	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	763	766	
Wardha	0.00%	95.42%	4.58%	4.58%	804	766	784	
SR	Nellore PS	0.00%	99.79%	0.21%	0.21%	801	778	786
	Raichur	0.00%	99.44%	0.56%	0.56%	802	771	786
	Kurnool	0.00%	89.10%	10.90%	10.90%	808	776	790
	Thiruvalam	0.00%	54.38%	45.63%	45.63%	814	787	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	766	774
	Gaya	0.00%	100.00%	0.00%	0.00%	782	764	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	775	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	768	779
Sasaram	0.00%	100.00%	0.00%	0.00%	758	735	745	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408
	Balipara (400 kV)	0.00%	80.28%	19.72%	19.72%	423	393	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	391	404
	Misa (400 kV)	0.00%	67.99%	32.01%	32.01%	424	395	415
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	410

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