

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

**Date of Reporting: 28-Oct-16  
System Reliability Indices Report for: 27-Oct-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	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	53	13.25	55.21
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	4	1.00	4.17
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 27-Oct-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%	788	761	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	759	765
	Ballia	0.00%	100.00%	0.00%	0.00%	786	765	776
	Bhiwani	0.00%	86.53%	13.47%	13.47%	802	775	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	752	765
	Jhatikara	0.00%	98.54%	1.46%	1.46%	802	771	787
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	769	783
	Meerut	0.00%	85.42%	9.10%	9.10%	807	770	790
	Moga	0.00%	87.29%	12.71%	12.71%	805	770	786
Phagi	0.00%	100.00%	0.00%	0.00%	792	769	780	
Unnao	0.00%	100.00%	0.00%	0.00%	765	741	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	736	769
	Aurangabad	0.00%	99.03%	0.97%	0.97%	803	742	775
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	746	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	756	764
	Bina	0.00%	100.00%	0.00%	0.00%	786	758	773
	Champa	0.00%	95.76%	2.78%	2.78%	802	781	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	763	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	759	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	762	776
	Indore	0.00%	100.00%	0.00%	0.00%	783	748	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	762	777
	Koradi	0.00%	100.00%	0.00%	0.00%	768	734	757
	Pune	0.00%	100.00%	0.00%	0.00%	797	747	778
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	778	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	769	779
	Sasan	0.00%	100.00%	0.00%	0.00%	775	762	767
	Satna	0.00%	100.00%	0.00%	0.00%	779	760	769
	Seoni	0.00%	100.00%	0.00%	0.00%	789	758	774
	Sipat	0.00%	100.00%	0.00%	0.00%	770	756	763
	Sholapur	0.00%	97.15%	2.85%	2.85%	807	750	780
Tamnara PS	0.00%	100.00%	0.00%	0.00%	796	779	787	
Tirora	0.00%	100.00%	0.00%	0.00%	764	741	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	756	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	765	770	
Wardha	0.00%	98.40%	1.60%	1.60%	804	753	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	764	775
	Raichur	0.00%	100.00%	0.00%	0.00%	797	757	777
	Kurnool	0.00%	100.00%	0.00%	0.00%	799	765	782
	Thiruvalam	0.00%	99.86%	0.14%	0.14%	801	771	786
ER	Angul	0.00%	100.00%	0.00%	0.00%	781	764	773
	Gaya	0.00%	100.00%	0.00%	0.00%	782	763	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	773	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	770	779
Sasaram	0.00%	100.00%	0.00%	0.00%	776	753	765	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Balipara (400 kV)	0.00%	99.03%	0.97%	0.97%	422	395	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	390	403
	Misa (400 kV)	0.00%	97.01%	2.99%	2.99%	423	400	413
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	406	

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