

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

**Date of Reporting: 17-Oct-16  
System Reliability Indices Report for: 16-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	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	20	5.00	20.83

**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	18	4.50	18.75

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 16-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%	790	757	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	765	770
	Ballia	0.00%	100.00%	0.00%	0.00%	788	766	777
	Bhiwani	0.00%	98.68%	1.32%	1.32%	802	774	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	759	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	746	764
	Jhatikara	0.00%	99.72%	0.28%	0.28%	801	772	789
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	766	780
	Meerut	0.00%	97.15%	1.32%	1.32%	803	768	789
	Moga	0.00%	100.00%	0.00%	0.00%	799	768	787
Phagi	0.00%	100.00%	0.00%	0.00%	792	759	780	
Unnao	0.00%	100.00%	0.00%	0.00%	770	747	760	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	747	763
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	758	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	753	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	758	765
	Bina	0.00%	100.00%	0.00%	0.00%	789	757	775
	Champa	0.00%	98.68%	0.63%	0.63%	801	790	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	765	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	761	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	757	778
	Indore	0.00%	100.00%	0.00%	0.00%	786	757	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	789	763	777
	Koradi	0.00%	100.00%	0.00%	0.00%	768	742	754
	Pune	0.00%	100.00%	0.00%	0.00%	797	750	771
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	786	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	784	784
	Sasan	0.00%	100.00%	0.00%	0.00%	777	762	770
	Satna	0.00%	100.00%	0.00%	0.00%	784	758	775
	Seoni	0.00%	100.00%	0.00%	0.00%	792	766	779
	Sipat	0.00%	100.00%	0.00%	0.00%	768	757	763
	Sholapur	0.00%	96.94%	3.06%	3.06%	807	766	787
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	786	792	
Tirora	0.00%	100.00%	0.00%	0.00%	764	746	754	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	766	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	763	773	
Wardha	0.00%	100.00%	0.00%	0.00%	798	768	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	779	786
	Raichur	0.00%	99.24%	0.76%	0.76%	802	773	787
	Kurnool	0.00%	91.11%	8.89%	8.89%	804	781	793
	Thiruvalam	0.00%	58.47%	41.53%	41.53%	806	790	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	781	768	776
	Gaya	0.00%	100.00%	0.00%	0.00%	786	763	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	776	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	768	780
Sasaram	0.00%	100.00%	0.00%	0.00%	783	731	759	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407
	Balipara (400 kV)	0.00%	98.96%	1.04%	1.04%	421	396	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	392	401
	Misa (400 kV)	0.00%	83.40%	16.60%	16.60%	423	400	411
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	409	

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