

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

**Date of Reporting: 14-Oct-16  
System Reliability Indices Report for: 13-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	6	1.50	6.25
4	NEW-SR	0	0.00	0.00
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 13-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%	789	758	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	760	765
	Ballia	0.00%	100.00%	0.00%	0.00%	778	761	771
	Bhiwani	0.00%	94.51%	5.49%	5.49%	802	770	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	746	761
	Jhatikara	0.00%	97.57%	2.43%	2.43%	802	770	784
	Lucknow	0.00%	100.00%	0.00%	0.00%	788	763	774
	Meerut	0.00%	100.00%	0.00%	0.00%	773	773	773
	Moga	0.00%	96.11%	3.89%	3.89%	803	770	779
Phagi	0.00%	100.00%	0.00%	0.00%	792	764	779	
Unnao	0.00%	100.00%	0.00%	0.00%	765	742	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	775	745	764
	Aurangabad	0.00%	98.33%	1.67%	1.67%	802	760	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	760	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	757	765
	Bina	0.00%	100.00%	0.00%	0.00%	793	768	780
	Champa	0.00%	92.36%	3.47%	3.47%	802	785	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	763	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	753	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	766	780
	Indore	0.00%	100.00%	0.00%	0.00%	792	760	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	771	782
	Koradi	0.00%	100.00%	0.00%	0.00%	762	735	752
	Pune	0.21%	99.79%	0.00%	0.21%	796	727	771
	Raigarh PS (Kotra)	0.00%	99.24%	0.76%	0.76%	801	782	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	773	785
	Sasan	0.00%	100.00%	0.00%	0.00%	778	766	773
	Satna	0.00%	100.00%	0.00%	0.00%	788	770	780
	Seoni	0.00%	100.00%	0.00%	0.00%	798	770	782
	Sipat	0.00%	100.00%	0.00%	0.00%	773	754	763
	Sholapur	0.00%	85.49%	14.51%	14.51%	808	766	791
Tamnara PS	0.00%	99.44%	0.56%	0.56%	801	782	791	
Tirora	0.00%	100.00%	0.00%	0.00%	759	741	753	
Vadodara	0.00%	99.93%	0.07%	0.07%	800	769	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	771	776	
Wardha	0.00%	95.83%	4.17%	4.17%	804	770	787	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	774	784
	Raichur	0.00%	93.06%	6.94%	6.94%	808	771	790
	Kurnool	0.00%	67.57%	32.43%	32.43%	813	778	795
	Thiruvalam	0.00%	44.72%	55.28%	55.28%	813	784	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	781	766	774
	Gaya	0.00%	100.00%	0.00%	0.00%	785	763	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	777	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	772	780
Sasaram	0.00%	100.00%	0.00%	0.00%	784	735	753	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	407
	Balipara (400 kV)	0.00%	86.18%	13.82%	13.82%	423	387	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	387	400
	Misa (400 kV)	0.00%	76.16%	23.84%	23.84%	424	391	413
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	409	

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