

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

**Date of Reporting: 13-Sep-16  
System Reliability Indices Report for: 12-Sep-16**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	44	11.00	45.83
2	ER-NR	0	0.00	0.00
3	Import of NR	33	8.25	34.38
4	NEW-SR	0	0.00	0.00
5	ER-NER	22	5.50	22.92

**Percentage(%) of times (N-1) Criteria was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	13	3.25	13.54
2	ER-NR	0	0.00	0.00
3	Import of NR	8	2.00	8.33
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 12-Sep-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	749	766
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	756	762
	Ballia	0.00%	100.00%	0.00%	0.00%	782	751	767
	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	758	776
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	744	761
	Jhatikara	0.00%	100.00%	0.00%	0.00%	790	752	772
	Lucknow	0.00%	100.00%	0.00%	0.00%	784	753	770
	Meerut	0.00%	99.79%	0.00%	0.00%	800	759	780
	Moga	0.00%	98.75%	1.25%	1.25%	802	766	785
Phagi	0.00%	100.00%	0.00%	0.00%	787	755	768	
Unnao	0.00%	100.00%	0.00%	0.00%	760	732	746	
WR	Akola	0.00%	100.00%	0.00%	0.00%	781	752	768
	Aurangabad	0.00%	99.31%	0.69%	0.69%	803	747	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	741	762
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	756	762
	Bina	0.00%	100.00%	0.00%	0.00%	782	755	766
	Champa	0.00%	100.00%	0.00%	0.00%	797	778	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	763	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	751	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	752	768
	Indore	0.00%	100.00%	0.00%	0.00%	790	743	765
	Jabalpur	0.00%	100.00%	0.00%	0.00%	784	760	770
	Koradi	0.00%	100.00%	0.00%	0.00%	765	745	756
	Pune	0.00%	100.00%	0.00%	0.00%	800	748	776
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	794	781	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	784	762	778
	Sasan	0.00%	100.00%	0.00%	0.00%	766	755	760
	Satna	0.00%	100.00%	0.00%	0.00%	772	753	762
	Seoni	0.00%	100.00%	0.00%	0.00%	790	757	773
	Sipat	0.00%	100.00%	0.00%	0.00%	768	756	761
	Sholapur	0.00%	94.24%	5.76%	5.76%	808	755	785
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	781	789	
Tirora	0.00%	100.00%	0.00%	0.00%	765	752	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	755	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	768	759	762	
Wardha	0.00%	95.97%	4.03%	4.03%	806	760	784	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	769	780
	Raichur	0.00%	99.72%	0.28%	0.28%	802	757	783
	Kurnool	0.00%	97.64%	2.36%	2.36%	803	770	789
	Thiruvalam	0.00%	70.07%	29.93%	29.93%	807	781	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	779	767	773
	Gaya	0.00%	100.00%	0.00%	0.00%	781	752	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	776	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	768	780
Sasaram	0.00%	100.00%	0.00%	0.00%	785	742	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	404
	Misa (400 kV)	0.00%	99.44%	0.56%	0.56%	420	396	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	408

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