

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

**Date of Reporting: 11-Sep-16  
System Reliability Indices Report for: 10-Sep-16**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	33	8.25	34.38
2	ER-NR	0	0.00	0.00
3	Import of NR	3	0.75	3.13
4	NEW-SR	9	2.25	9.38
5	ER-NER	23	5.75	23.96

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
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 10-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%	793	756	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	761	768
	Ballia	0.00%	100.00%	0.00%	0.00%	792	755	770
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	765	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	751	767
	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	762	776
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	752	771
	Meerut	0.00%	100.00%	0.00%	0.00%	798	771	787
	Moga	0.00%	95.56%	4.44%	4.44%	804	771	785
Phagi	0.00%	100.00%	0.00%	0.00%	793	759	774	
Unnao	0.00%	100.00%	0.00%	0.00%	771	737	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	779	754	769
	Aurangabad	0.00%	99.72%	0.28%	0.28%	801	754	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	753	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	760	764
	Bina	0.00%	100.00%	0.00%	0.00%	787	764	774
	Champa	0.00%	100.00%	0.00%	0.00%	798	784	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	767	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	758	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	758	774
	Indore	0.00%	100.00%	0.00%	0.00%	784	755	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	767	776
	Koradi	0.00%	100.00%	0.00%	0.00%	764	747	757
	Pune	0.00%	99.44%	0.00%	0.00%	800	739	777
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	784	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	784	774	781
	Sasan	0.00%	100.00%	0.00%	0.00%	774	763	768
	Satna	0.00%	100.00%	0.00%	0.00%	782	763	772
	Seoni	0.00%	100.00%	0.00%	0.00%	789	766	778
	Sipat	0.00%	100.00%	0.00%	0.00%	767	759	763
	Sholapur	0.00%	88.13%	11.88%	11.88%	808	754	785
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	784	790	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	762	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	767	770	
Wardha	0.00%	98.68%	1.32%	1.32%	802	767	787	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	769	780
	Raichur	0.00%	99.65%	0.35%	0.35%	802	760	783
	Kurnool	0.00%	97.92%	2.08%	2.08%	804	767	787
	Thiruvalam	0.00%	75.49%	24.51%	24.51%	803	776	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	777	767	772
	Gaya	0.00%	100.00%	0.00%	0.00%	790	757	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	777	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	770	779
Sasaram	0.00%	100.00%	0.00%	0.00%	791	730	754	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	406
	Balipara (400 kV)	0.00%	95.76%	4.24%	4.24%	423	403	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	404
	Misa (400 kV)	0.00%	93.26%	6.74%	6.74%	423	406	413
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	407	

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