

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

**Date of Reporting: 3-Sep-16  
System Reliability Indices Report for: 2-Sep-16**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
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
5	ER-NER	11	2.75	11.46

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
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	5	1.25	5.21

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 02-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%	98.61%	0.69%	0.69%	803	751	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	760	771
	Ballia	0.00%	100.00%	0.00%	0.00%	790	759	773
	Bhiwani	0.00%	73.75%	26.25%	26.25%	809	758	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	747	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	751	770
	Jhatikara	0.00%	91.25%	8.75%	8.75%	807	753	785
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	746	772
	Meerut	0.00%	71.53%	26.74%	26.74%	816	755	789
	Moga	0.00%	91.60%	8.40%	8.40%	806	763	782
Phagi	0.00%	90.63%	9.38%	9.38%	806	751	783	
Unnao	0.00%	100.00%	0.00%	0.00%	772	740	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	759	775
	Aurangabad	0.00%	99.17%	0.83%	0.83%	801	752	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	760	778
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	760	770
	Bina	0.00%	98.82%	1.18%	1.18%	801	763	787
	Champa	0.00%	90.14%	3.61%	3.61%	802	786	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	766	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	800	748	782
	Gwalior	0.00%	96.67%	3.33%	3.33%	804	754	785
	Indore	0.00%	100.00%	0.00%	0.00%	787	761	776
	Jabalpur	0.00%	98.96%	1.04%	1.04%	801	768	788
	Koradi	0.00%	100.00%	0.00%	0.00%	772	749	762
	Pune	0.00%	98.75%	0.00%	0.00%	800	732	775
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	799	783	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	775	785
	Sasan	0.00%	100.00%	0.00%	0.00%	783	762	776
	Satna	0.00%	100.00%	0.00%	0.00%	795	764	784
	Seoni	0.00%	100.00%	0.00%	0.00%	797	770	785
	Sipat	0.00%	100.00%	0.00%	0.00%	775	760	768
	Sholapur	0.00%	67.92%	32.08%	32.08%	811	760	794
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	783	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	97.36%	2.64%	2.64%	802	770	787	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	785	766	779	
Wardha	0.00%	100.00%	0.00%	0.00%	796	767	785	
SR	Nellore PS	0.00%	99.93%	0.07%	0.07%	800	778	788
	Raichur	0.00%	84.10%	15.90%	15.90%	806	771	792
	Kurnool	0.00%	73.61%	26.39%	26.39%	809	779	796
	Thiruvalam	0.00%	55.00%	45.00%	45.00%	816	787	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	782	764	773
	Gaya	0.00%	100.00%	0.00%	0.00%	790	759	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	775	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	768	783
	Sasaram	0.00%	100.00%	0.00%	0.00%	793	732	762
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	403	407
	Balipara (400 kV)	0.00%	98.96%	1.04%	1.04%	422	402	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	406
	Misa (400 kV)	0.00%	98.75%	1.25%	1.25%	421	403	412
	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.