

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

Date of Reporting: **27-Sep-16**  
System Reliability Indices Report for: **26-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	12	3.00	12.50
5	ER-NER	31	7.75	32.29

**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	28	7.00	29.17

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 26-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%	784	747	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	759	766
	Ballia	0.00%	100.00%	0.00%	0.00%	787	763	774
	Bhiwani	0.00%	100.00%	0.00%	0.00%	788	760	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	757	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	739	758
	Jhatikara	0.00%	100.00%	0.00%	0.00%	788	757	776
	Lucknow	0.00%	100.00%	0.00%	0.00%	787	762	773
	Meerut	0.00%	100.00%	0.00%	0.00%	796	763	783
	Moga	0.00%	100.00%	0.00%	0.00%	789	763	777
Phagi	0.00%	100.00%	0.00%	0.00%	781	753	770	
Unnao	0.00%	100.00%	0.00%	0.00%	766	743	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	773	745	763
	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	754	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	775	749	763
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	756	765
	Bina	0.00%	100.00%	0.00%	0.00%	781	759	772
	Champa	0.00%	100.00%	0.00%	0.00%	796	780	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	763	773
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	746	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	755	773
	Indore	0.00%	100.00%	0.00%	0.00%	779	752	766
	Jabalpur	0.00%	100.00%	0.00%	0.00%	784	764	774
	Koradi	0.00%	100.00%	0.00%	0.00%	755	735	747
	Pune	0.00%	100.00%	0.00%	0.00%	783	737	767
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	779	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	773	779
	Sasan	0.00%	100.00%	0.00%	0.00%	774	763	768
	Satna	0.00%	100.00%	0.00%	0.00%	781	762	772
	Seoni	0.00%	100.00%	0.00%	0.00%	786	763	776
	Sipat	0.00%	100.00%	0.00%	0.00%	769	757	763
Sholapur	0.00%	94.79%	5.21%	5.21%	805	764	788	
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	779	787	
Tirora	0.00%	100.00%	0.00%	0.00%	756	740	750	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	760	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	768	771	
Wardha	0.00%	100.00%	0.00%	0.00%	798	764	782	
SR	Nellore PS	0.00%	99.51%	0.49%	0.49%	802	773	785
	Raichur	0.00%	99.51%	0.49%	0.49%	802	767	786
	Kurnool	0.00%	98.75%	1.25%	1.25%	807	774	789
	Thiruvalam	0.00%	76.81%	23.19%	23.19%	810	779	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	758	773
	Gaya	0.00%	100.00%	0.00%	0.00%	787	762	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	774	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	768	780
Sasaram	0.00%	100.00%	0.00%	0.00%	784	728	758	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407
	Balipara (400 kV)	0.00%	99.79%	0.21%	0.21%	425	398	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	404
	Misa (400 kV)	0.00%	99.79%	0.21%	0.21%	423	402	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	410

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