

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

**Date of Reporting: 29-Sep-16
System Reliability Indices Report for: 28-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	15	3.75	15.63
4	NEW-SR	5	1.25	5.21
5	ER-NER	69	17.25	71.88

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	1	0.25	1.04
4	NEW-SR	0	0.00	0.00
4	ER-NER	64	16.00	66.67

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 28-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%	796	762	780
	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	773	778
	Ballia	0.00%	100.00%	0.00%	0.00%	794	770	782
	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	763	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	758	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	752	771
	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	763	781
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	767	781
	Meerut	0.00%	99.38%	0.49%	0.49%	802	767	786
	Moga	0.00%	100.00%	0.00%	0.00%	790	764	779
Phagi	0.00%	100.00%	0.00%	0.00%	787	764	774	
Unnao	0.00%	100.00%	0.00%	0.00%	776	752	764	
WR	Akola	0.00%	100.00%	0.00%	0.00%	780	749	767
	Aurangabad	0.00%	99.86%	0.14%	0.14%	803	760	785
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	765	777
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	759	767
	Bina	0.00%	100.00%	0.00%	0.00%	795	773	786
	Champa	0.00%	71.11%	26.81%	26.81%	809	785	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	768	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	770	786
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	768	784
	Indore	0.00%	100.00%	0.00%	0.00%	798	768	782
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	774	785
	Koradi	0.00%	100.00%	0.00%	0.00%	764	744	755
	Pune	0.14%	99.86%	0.00%	0.14%	794	727	764
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	781	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	776	782
	Sasan	0.00%	100.00%	0.00%	0.00%	785	772	779
	Satna	0.00%	100.00%	0.00%	0.00%	796	776	788
	Seoni	0.00%	100.00%	0.00%	0.00%	790	769	782
	Sipat	0.00%	100.00%	0.00%	0.00%	772	760	766
	Sholapur	0.00%	84.38%	15.63%	15.63%	808	766	792
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	781	790	
Tirora	0.00%	100.00%	0.00%	0.00%	761	745	755	
Vadodara	0.00%	99.38%	0.63%	0.63%	802	767	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	787	777	783	
Wardha	0.00%	99.79%	0.21%	0.21%	803	764	787	
SR	Nellore PS	0.00%	99.44%	0.56%	0.56%	802	773	786
	Raichur	0.00%	92.85%	7.15%	7.15%	806	769	790
	Kurnool	0.00%	86.74%	13.26%	13.26%	808	776	792
	Thiruvalam	0.00%	72.78%	27.22%	27.22%	812	780	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	758	772
	Gaya	0.00%	100.00%	0.00%	0.00%	791	769	780
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	776	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	773	783
Sasaram	0.00%	100.00%	0.00%	0.00%	770	745	757	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	390	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	386	400
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	407

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