

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

Date of Reporting: **28-Sep-16**
System Reliability Indices Report for: **27-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	1	0.25	1.04
4	NEW-SR	6	1.50	6.25
5	ER-NER	28	7.00	29.17

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	26	6.50	27.08

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 27-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%	788	759	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	767	772
	Ballia	0.00%	100.00%	0.00%	0.00%	789	766	777
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	763	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	747	763
	Jhatikara	0.00%	100.00%	0.00%	0.00%	793	760	777
	Lucknow	0.00%	100.00%	0.00%	0.00%	789	762	776
	Meerut	0.00%	96.25%	0.69%	0.69%	801	763	784
	Moga	0.00%	100.00%	0.00%	0.00%	793	759	776
Phagi	0.00%	100.00%	0.00%	0.00%	785	757	772	
Unnao	0.00%	100.00%	0.00%	0.00%	767	745	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	778	744	764
	Aurangabad	0.00%	99.24%	0.76%	0.76%	803	749	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	749	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	757	764
	Bina	0.00%	100.00%	0.00%	0.00%	787	762	776
	Champa	0.00%	100.00%	0.00%	0.00%	796	779	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	764	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	760	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	763	777
	Indore	0.00%	100.00%	0.00%	0.00%	788	747	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	764	776
	Koradi	0.00%	100.00%	0.00%	0.00%	764	733	752
	Pune	0.00%	97.01%	0.00%	0.00%	800	734	775
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	793	779	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	773	779
	Sasan	0.00%	100.00%	0.00%	0.00%	777	763	770
	Satna	0.00%	100.00%	0.00%	0.00%	784	765	776
	Seoni	0.00%	100.00%	0.00%	0.00%	789	760	776
	Sipat	0.00%	100.00%	0.00%	0.00%	768	757	762
	Sholapur	0.00%	85.42%	14.58%	14.58%	812	759	790
Tamnar PS	0.00%	100.00%	0.00%	0.00%	793	779	786	
Tirora	0.00%	100.00%	0.00%	0.00%	761	739	753	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	765	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	768	773	
Wardha	0.00%	100.00%	0.00%	0.00%	800	755	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	772	783
	Raichur	0.00%	99.03%	0.97%	0.97%	803	764	787
	Kurmoal	0.00%	99.03%	0.97%	0.97%	801	770	789
	Thiruvalam	0.00%	92.99%	7.01%	7.01%	802	780	791
ER	Angul	0.00%	100.00%	0.00%	0.00%	782	756	770
	Gaya	0.00%	100.00%	0.00%	0.00%	788	766	776
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	773	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	772	779
Sasaram	0.00%	100.00%	0.00%	0.00%	790	738	757	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	390	402
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	408

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