

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **30-Sep-16**
System Reliability Indices Report for: **29-Sep-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	3	0.75	3.13
2	ER-NR	0	0.00	0.00
3	Import of NR	7	1.75	7.29
4	NEW-SR	2	0.50	2.08
5	ER-NER	13	3.25	13.54

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	11	2.75	11.46

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 29-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%	794	761	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	771	776
	Ballia	0.00%	100.00%	0.00%	0.00%	792	762	778
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	768	780
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	757	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	753	766
	Jhatikara	0.00%	100.00%	0.00%	0.00%	798	766	779
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	764	778
	Meerut	0.00%	98.89%	0.83%	0.83%	803	769	785
	Moga	0.00%	100.00%	0.00%	0.00%	796	766	778
Phagi	0.00%	100.00%	0.00%	0.00%	783	760	771	
Unnao	0.00%	100.00%	0.00%	0.00%	776	748	761	
WR	Akola	0.00%	100.00%	0.00%	0.00%	776	751	767
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	764	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	760	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	756	764
	Bina	0.00%	100.00%	0.00%	0.00%	797	772	782
	Champa	0.00%	98.47%	0.14%	0.14%	801	779	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	781	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	770	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	768	780
	Indore	0.00%	100.00%	0.00%	0.00%	791	757	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	772	782
	Koradi	0.00%	100.00%	0.00%	0.00%	769	738	756
	Pune	0.00%	100.00%	0.00%	0.00%	792	745	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	775	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	785	769	777
	Sasan	0.00%	100.00%	0.00%	0.00%	787	773	779
	Satna	0.00%	100.00%	0.00%	0.00%	799	779	786
	Seoni	0.00%	100.00%	0.00%	0.00%	790	767	778
	Sipat	0.00%	100.00%	0.00%	0.00%	770	755	763
	Sholapur	0.00%	81.53%	18.47%	18.47%	806	776	792
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	775	787	
Tirora	0.00%	100.00%	0.00%	0.00%	764	743	755	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	767	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	786	777	782	
Wardha	0.00%	100.00%	0.00%	0.00%	793	767	783	
SR	Nellore PS	0.00%	81.46%	18.54%	18.54%	806	781	791
	Raichur	0.00%	81.81%	18.19%	18.19%	806	778	792
	Kurnool	0.00%	69.31%	30.69%	30.69%	810	782	796
	Thiruvalam	0.00%	53.33%	46.67%	46.67%	815	788	801
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	755	769
	Gaya	0.00%	100.00%	0.00%	0.00%	789	761	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	772	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	767	779
Sasaram	0.00%	100.00%	0.00%	0.00%	776	741	756	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	420	396	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	390	401
	Misa (400 kV)	0.00%	99.93%	0.07%	0.07%	422	399	411
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.