

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

**Date of Reporting: 4-Oct-16
System Reliability Indices Report for: 3-Oct-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	40	10.00	41.67
2	ER-NR	0	0.00	0.00
3	Import of NR	70	17.50	72.92
4	NEW-SR	0	0.00	0.00
5	ER-NER	0	0.00	0.00

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	Import of NR	20	5.00	20.83
4	NEW-SR	0	0.00	0.00
4	ER-NER	49	12.25	51.04

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 03-Oct-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%	786	755	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	756	763
	Ballia	0.00%	100.00%	0.00%	0.00%	780	754	765
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	758	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	745	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	743	758
	Jhatikara	0.00%	100.00%	0.00%	0.00%	793	760	777
	Lucknow	0.00%	100.00%	0.00%	0.00%	781	752	764
	Meerut	0.00%	100.00%	0.00%	0.00%	796	760	779
	Moga	0.00%	100.00%	0.00%	0.00%	791	758	775
Phagi	0.00%	100.00%	0.00%	0.00%	785	755	773	
Unnao	0.00%	100.00%	0.00%	0.00%	762	736	749	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	747	768
	Aurangabad	0.00%	96.81%	3.19%	3.19%	805	764	789
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	756	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	754	765
	Bina	0.00%	100.00%	0.00%	0.00%	793	767	781
	Champa	0.00%	97.78%	2.22%	2.22%	809	778	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	756	773
	Dhule (BDTCL)	0.00%	94.58%	5.42%	5.42%	803	769	788
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	764	778
	Indore	0.00%	100.00%	0.00%	0.00%	789	759	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	766	781
	Koradi	0.00%	100.00%	0.00%	0.00%	768	736	754
	Pune	0.00%	99.79%	0.00%	0.00%	800	742	777
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	799	775	788
	Raipur PS (Durg)	0.00%	97.85%	2.15%	2.15%	802	765	783
	Sasan	0.00%	100.00%	0.00%	0.00%	785	773	779
	Satna	0.00%	100.00%	0.00%	0.00%	792	775	784
	Seoni	0.00%	100.00%	0.00%	0.00%	791	766	781
	Sipat	0.00%	100.00%	0.00%	0.00%	768	754	763
	Sholapur	0.00%	83.75%	16.25%	16.25%	810	769	793
Tamnara PS	0.00%	99.72%	0.28%	0.28%	800	776	789	
Tirora	0.00%	100.00%	0.00%	0.00%	765	741	754	
Vadodara	0.00%	98.13%	1.88%	1.88%	802	770	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	783	778	781	
Wardha	0.00%	95.21%	4.79%	4.79%	806	769	788	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	776	786
	Raichur	0.00%	95.14%	4.86%	4.86%	804	769	790
	Kurnool	0.00%	93.06%	6.94%	6.94%	807	774	793
	Thiruvalam	0.00%	80.90%	19.10%	19.10%	807	784	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	775	757	769
	Gaya	0.00%	100.00%	0.00%	0.00%	779	753	765
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	766	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	757	774
Sasaram	0.00%	100.00%	0.00%	0.00%	779	750	765	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	401	405
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	390	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	403	386	395
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	410	397	405

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