

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

**Date of Reporting: 17-Jun-16
System Reliability Indices Report for: 16-Jun-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	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	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	0	0.00	0.00

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 23-Mar-2017

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%	793	739	764
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	758	770
	Ballia	0.00%	100.00%	0.00%	0.00%	796	745	768
	Bhiwani	0.00%	99.31%	0.69%	0.69%	801	754	774
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	756	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	738	761
	Jhatikara	0.00%	100.00%	0.00%	0.00%	793	746	767
	Lucknow	0.00%	92.57%	7.43%	7.43%	806	748	775
	Meerut	0.00%	84.17%	13.47%	13.47%	809	755	780
	Moga	0.00%	100.00%	0.00%	0.00%	794	756	768
Phagi	0.00%	100.00%	0.00%	0.00%	787	741	766	
Unnao	0.07%	99.93%	0.00%	0.07%	786	728	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	753	766
	Aurangabad	0.00%	99.86%	0.14%	0.14%	804	750	775
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	749	763
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	754	763
	Bina	0.00%	100.00%	0.00%	0.00%	788	752	771
	Champa	0.00%	100.00%	0.00%	0.00%	797	778	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	762	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	758	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	750	771
	Indore	0.00%	100.00%	0.00%	0.00%	789	748	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	757	774
	Koradi	0.00%	100.00%	0.00%	0.00%	767	743	755
	Pune	0.00%	99.58%	0.00%	0.00%	800	750	776
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	792	774	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	764	777
	Sasan	0.00%	100.00%	0.00%	0.00%	778	761	769
	Satna	0.00%	100.00%	0.00%	0.00%	786	754	770
	Seoni	0.00%	100.00%	0.00%	0.00%	790	757	773
	Sipat	0.00%	100.00%	0.00%	0.00%	767	753	761
	Sholapur	0.00%	75.76%	18.96%	18.96%	806	763	788
Tamnara PS	0.00%	100.00%	0.00%	0.00%	792	775	785	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	751	771	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	765	772	
Wardha	0.00%	99.86%	0.14%	0.14%	803	756	779	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	768	778
	Raichur	0.00%	97.08%	2.92%	2.92%	808	767	786
	Kurnool	0.00%	95.49%	4.51%	4.51%	807	771	788
	Thiruvalam	0.00%	95.14%	4.86%	4.86%	801	773	787
ER	Angul	0.00%	100.00%	0.00%	0.00%	772	759	767
	Gaya	0.00%	100.00%	0.00%	0.00%	788	746	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	768	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	768	780
Sasaram	0.00%	100.00%	0.00%	0.00%	770	728	748	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	409

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