

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

**Date of Reporting: 18-Jun-16
System Reliability Indices Report for: 17-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	38	9.50	39.58
4	NEW-SR	2	0.50	2.08
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	2	0.50	2.08
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 17-Jun-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%	793	741	764
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	753	764
	Ballia	0.00%	100.00%	0.00%	0.00%	787	748	765
	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	752	772
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	738	760
	Jhatikara	0.00%	100.00%	0.00%	0.00%	786	743	763
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	749	767
	Meerut	0.00%	99.72%	0.00%	0.00%	800	754	775
	Moga	0.00%	100.00%	0.00%	0.00%	781	752	760
Phagi	0.00%	100.00%	0.00%	0.00%	793	743	763	
Unnao	2.29%	97.71%	0.00%	2.29%	783	724	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	780	746	766
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	749	781
	Bhopal (BDTCL)	0.00%	81.81%	0.00%	0.00%	800	740	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	753	761
	Bina	0.00%	100.00%	0.00%	0.00%	794	749	767
	Champa	0.00%	100.00%	0.00%	0.00%	796	776	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	761	768
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	751	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	747	769
	Indore	0.00%	100.00%	0.00%	0.00%	795	740	764
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	756	771
	Koradi	0.00%	100.00%	0.00%	0.00%	766	740	755
	Pune	0.00%	100.00%	0.00%	0.00%	795	755	775
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	791	775	783
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	774	775
	Sasan	0.00%	100.00%	0.00%	0.00%	777	757	765
	Satna	0.00%	100.00%	0.00%	0.00%	786	751	766
	Seoni	0.00%	100.00%	0.00%	0.00%	783	758	775
	Sipat	0.00%	100.00%	0.00%	0.00%	768	753	760
	Sholapur	0.00%	92.71%	4.79%	4.79%	807	760	789
Tamnar PS	0.00%	100.00%	0.00%	0.00%	792	775	783	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	787	747	768	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	761	768	
Wardha	0.00%	100.00%	0.00%	0.00%	797	758	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	766	779
	Raichur	0.00%	95.00%	5.00%	5.00%	803	765	789
	Kurnool	0.00%	82.85%	17.15%	17.15%	806	771	791
	Thiruvalam	0.00%	98.19%	1.81%	1.81%	804	769	787
ER	Angul	0.00%	100.00%	0.00%	0.00%	772	757	766
	Gaya	0.00%	100.00%	0.00%	0.00%	784	745	764
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	769	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	769	778
Sasaram	0.21%	99.79%	0.00%	0.21%	789	726	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	406
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	406	411

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