

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

**Date of Reporting: 24-Jun-16
System Reliability Indices Report for: 23-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	40	10.00	41.67
4	NEW-SR	0	0.00	0.00
5	ER-NER	26	6.50	27.08

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 23-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%	772	739	757
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	744	761
	Ballia	0.00%	100.00%	0.00%	0.00%	778	739	758
	Bhiwani	0.00%	100.00%	0.00%	0.00%	784	753	770
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	743	758
	Fatehpur	1.60%	96.53%	0.00%	1.60%	764	717	745
	Jhatikara	0.00%	100.00%	0.00%	0.00%	779	747	766
	Lucknow	0.00%	100.00%	0.00%	0.00%	787	743	765
	Meerut	0.00%	100.00%	0.00%	0.00%	794	755	777
	Moga	0.00%	100.00%	0.00%	0.00%	780	754	769
Phagi	0.00%	100.00%	0.00%	0.00%	779	746	764	
Unnao	2.43%	97.57%	0.00%	2.43%	774	705	748	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	755	773
	Aurangabad	0.00%	93.82%	6.18%	6.18%	804	753	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	774	747	762
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	760	766
	Bina	0.00%	100.00%	0.00%	0.00%	779	757	769
	Champa	0.00%	100.00%	0.00%	0.00%	799	781	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	772	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	788	788
	Gwalior	0.00%	100.00%	0.00%	0.00%	782	751	767
	Indore	0.00%	100.00%	0.00%	0.00%	781	748	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	783	764	774
	Koradi	0.00%	100.00%	0.00%	0.00%	771	747	761
	Pune	0.00%	84.65%	0.00%	0.00%	800	759	787
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	782	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	784	772	782
	Sasan	0.00%	100.00%	0.00%	0.00%	768	757	763
	Satna	0.00%	100.00%	0.00%	0.00%	773	753	764
	Seoni	0.00%	100.00%	0.00%	0.00%	789	763	778
	Sipat	0.00%	100.00%	0.00%	0.00%	769	759	764
	Sholapur	0.00%	54.86%	42.36%	42.36%	814	761	797
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	782	790	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	785	750	771	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	758	765	
Wardha	0.00%	85.49%	14.51%	14.51%	804	766	791	
SR	Nellore PS	0.00%	99.93%	0.07%	0.07%	800	773	788
	Raichur	0.00%	73.96%	26.04%	26.04%	807	758	793
	Kurnool	0.00%	72.99%	27.01%	27.01%	807	767	794
	Thiruvalam	0.00%	51.46%	48.54%	48.54%	816	783	801
ER	Angul	0.00%	100.00%	0.00%	0.00%	785	773	780
	Gaya	0.00%	100.00%	0.00%	0.00%	774	740	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	781	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	780	788
Sasaram	7.78%	92.22%	0.00%	7.78%	784	715	746	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	391	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	407
	Misa (400 kV)	0.00%	99.51%	0.49%	0.49%	421	396	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	405	410

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