

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

**Date of Reporting: 11-Jun-16
System Reliability Indices Report for: 10-Jun-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	8	2.00	8.33
2	ER-NR	0	0.00	0.00
3	Import of NR	19	4.75	19.79
4	NEW-SR	31	7.75	32.29
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	3	0.75	3.13
2	ER-NR	0	0.00	0.00
3	Import of NR	3	0.75	3.13
4	NEW-SR	3	0.75	3.13
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 10-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%	787	739	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	767	751	758
	Ballia	0.00%	100.00%	0.00%	0.00%	778	743	757
	Bhiwani	0.00%	70.07%	29.93%	29.93%	806	753	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	744	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	747	768
	Jhatikara	0.00%	100.00%	0.00%	0.00%	763	763	763
	Lucknow	0.00%	100.00%	0.00%	0.00%	785	743	763
	Meerut	0.00%	97.22%	1.46%	1.46%	805	748	783
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
Phagi	0.00%	100.00%	0.00%	0.00%	787	743	763	
Unnao	0.00%	100.00%	0.00%	0.00%	763	728	745	
WR	Akola	0.00%	100.00%	0.00%	0.00%	781	749	767
	Aurangabad	0.00%	99.51%	0.49%	0.49%	802	749	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	739	761
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	754	765
	Bina	0.00%	100.00%	0.00%	0.00%	791	748	768
	Champa	0.00%	100.00%	0.00%	0.00%	799	774	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	755	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	746	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	745	770
	Indore	0.00%	100.00%	0.00%	0.00%	793	742	764
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	753	768
	Koradi	0.00%	100.00%	0.00%	0.00%	768	741	756
	Pune	0.00%	100.00%	0.00%	0.00%	798	741	776
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	794	775	782
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	790	761	777
	Sasan	0.00%	100.00%	0.00%	0.00%	776	754	764
	Satna	0.00%	100.00%	0.00%	0.00%	784	750	766
	Seoni	0.00%	100.00%	0.00%	0.00%	794	752	774
	Sipat	0.00%	100.00%	0.00%	0.00%	773	753	764
	Sholapur	0.00%	81.60%	15.97%	15.97%	812	766	792
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	776	786	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	742	769	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	758	767	
Wardha	0.00%	99.51%	0.49%	0.49%	803	758	781	
SR	Nellore PS	0.00%	94.51%	5.49%	5.49%	803	779	789
	Raichur	0.00%	83.47%	16.53%	16.53%	811	774	792
	Kurnool	0.00%	58.47%	41.53%	41.53%	817	785	800
	Thiruvalam	0.00%	71.46%	28.54%	28.54%	817	783	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	774	758	766
	Gaya	0.00%	100.00%	0.00%	0.00%	777	740	754
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	769	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	767	781
Sasaram	0.00%	100.00%	0.00%	0.00%	784	728	756	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	405	405	405
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	396	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	406
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	407
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	406	410	

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