

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

**Date of Reporting: 16-May-16
System Reliability Indices Report for: 15-May-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	2	0.50	2.08
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 15-May-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	751	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	752	761
	Ballia	0.00%	100.00%	0.00%	0.00%	790	756	770
	Bhiwani	0.00%	100.00%	0.00%	0.00%	789	755	773
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	742	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	738	757
	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	751	771
	Lucknow	0.00%	100.00%	0.00%	0.00%	788	748	766
	Meerut	0.00%	100.00%	0.00%	0.00%	794	753	774
	Moga	0.00%	100.00%	0.00%	0.00%	779	750	764
Phagi	0.00%	100.00%	0.00%	0.00%	787	748	763	
Unnao	0.00%	100.00%	0.00%	0.00%	774	733	750	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	752	767
	Aurangabad	0.00%	96.39%	3.61%	3.61%	805	769	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	753	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	758	764
	Bina	0.00%	100.00%	0.00%	0.00%	792	760	772
	Champa	0.00%	99.86%	0.00%	0.00%	800	781	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	767	772
	Dhule (BDTCL)	0.00%	99.03%	0.97%	0.97%	801	768	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	755	774
	Indore	0.00%	100.00%	0.00%	0.00%	782	748	761
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	764	774
	Koradi	0.00%	100.00%	0.00%	0.00%	774	744	760
	Pune	0.00%	95.07%	0.00%	0.00%	800	765	784
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	780	788
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	790	771	780
	Sasan	0.00%	100.00%	0.00%	0.00%	776	739	765
	Satna	0.00%	100.00%	0.00%	0.00%	783	758	768
	Seoni	0.00%	100.00%	0.00%	0.00%	793	765	776
	Sipat	0.00%	100.00%	0.00%	0.00%	771	759	763
	Sholapur	0.00%	73.19%	24.24%	24.24%	812	780	795
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	781	789	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	758	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	764	768	
Wardha	0.00%	99.24%	0.76%	0.76%	801	770	785	
SR	Nellore PS	0.00%	98.61%	1.39%	1.39%	802	783	791
	Raichur	0.00%	77.29%	22.71%	22.71%	811	781	795
	Kurnool	0.00%	61.88%	38.13%	38.13%	813	788	799
	Thiruvalam	0.00%	77.08%	22.92%	22.92%	807	792	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	776	759	767
	Gaya	0.00%	100.00%	0.00%	0.00%	785	752	767
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	773	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	774	783
Sasaram	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	404	409
	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	421	397	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	407
	Misa (400 kV)	0.00%	99.79%	0.21%	0.21%	426	401	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	410

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