

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

**Date of Reporting: 13-Aug-16
System Reliability Indices Report for: 12-Aug-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	0	0.00	0.00
4	NEW-SR	30	7.50	31.25
5	ER-NER	23	5.75	23.96

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	4	1.00	4.17
4	ER-NER	15	3.75	15.63

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 12-Aug-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%	789	750	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	758	769
	Ballia	0.00%	100.00%	0.00%	0.00%	791	757	774
	Bhiwani	0.00%	100.00%	0.00%	0.00%	778	778	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	750	770
	Jhatikara	0.00%	100.00%	0.00%	0.00%	798	759	783
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	758	774
	Meerut	0.00%	87.57%	10.97%	10.97%	808	768	790
	Moga	0.00%	100.00%	0.00%	0.00%	794	758	781
Phagi	0.00%	100.00%	0.00%	0.00%	794	752	780	
Unnao	0.00%	100.00%	0.00%	0.00%	790	732	759	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	756	773
	Aurangabad	0.00%	99.86%	0.14%	0.14%	802	759	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	778	755	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	759	768
	Bina	0.00%	100.00%	0.00%	0.00%	782	754	772
	Champa	0.00%	72.29%	19.03%	19.03%	804	782	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	767	777
	Dhule (BDTCL)	0.00%	99.51%	0.49%	0.49%	800	757	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	750	775
	Indore	0.00%	100.00%	0.00%	0.00%	779	756	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	761	777
	Koradi	0.00%	100.00%	0.00%	0.00%	767	742	756
	Pune	0.00%	98.82%	0.00%	0.00%	800	756	782
	Raigarh PS (Kotra)	0.00%	97.29%	2.71%	2.71%	801	783	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	772	781
	Sasan	0.00%	100.00%	0.00%	0.00%	777	764	772
	Satna	0.00%	100.00%	0.00%	0.00%	786	764	777
	Seoni	0.00%	100.00%	0.00%	0.00%	790	766	780
	Sipat	0.00%	100.00%	0.00%	0.00%	771	760	766
	Sholapur	0.00%	95.90%	3.26%	3.26%	807	772	788
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	782	790	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	766	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	769	775	
Wardha	0.00%	100.00%	0.00%	0.00%	796	760	782	
SR	Nellore PS	0.00%	97.85%	2.15%	2.15%	804	778	791
	Raichur	0.00%	83.89%	16.11%	16.11%	811	771	792
	Kurnool	0.00%	59.10%	40.90%	40.90%	813	778	796
	Thiruvalam	0.00%	88.06%	11.94%	11.94%	801	775	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	790	783	788
	Gaya	0.00%	100.00%	0.00%	0.00%	792	757	776
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	778	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	770	785
Sasaram	0.00%	100.00%	0.00%	0.00%	768	735	753	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	406
	Balipara (400 kV)	0.00%	98.82%	1.18%	1.18%	427	391	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	404
	Misa (400 kV)	0.00%	98.68%	1.32%	1.32%	428	395	407
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	408	

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