

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

**Date of Reporting: 18-Aug-16
System Reliability Indices Report for: 17-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	10	2.50	10.42
4	NEW-SR	5	1.25	5.21
5	ER-NER	1	0.25	1.04

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 17-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%	799	757	779
	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	765	775
	Ballia	0.00%	100.00%	0.00%	0.00%	797	768	783
	Bhiwani	0.00%	100.00%	0.00%	0.00%	778	778	778
	Bareilly	100.00%	0.00%	0.00%	100.00%	718	718	718
	Fatehpur	0.00%	100.00%	0.00%	0.00%	796	757	777
	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	766	782
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	767	781
	Meerut	0.00%	78.33%	14.86%	14.86%	809	777	792
	Moga	0.00%	100.00%	0.00%	0.00%	797	766	781
Phagi	0.00%	100.00%	0.00%	0.00%	798	759	779	
Unnao	0.00%	100.00%	0.00%	0.00%	780	753	766	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	753	771
	Aurangabad	0.00%	98.89%	1.11%	1.11%	803	758	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	759	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	762	769
	Bina	0.00%	100.00%	0.00%	0.00%	790	760	776
	Champa	0.00%	85.90%	7.78%	7.78%	802	790	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	770	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	800	767	785
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	757	779
	Indore	0.00%	100.00%	0.00%	0.00%	788	760	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	766	779
	Koradi	0.00%	100.00%	0.00%	0.00%	767	740	754
	Pune	0.00%	100.00%	0.00%	0.00%	780	732	757
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	799	787	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	784	775	784
	Sasan	0.00%	100.00%	0.00%	0.00%	784	764	775
	Satna	0.00%	100.00%	0.00%	0.00%	791	766	782
	Seoni	0.00%	100.00%	0.00%	0.00%	794	772	782
	Sipat	0.00%	100.00%	0.00%	0.00%	773	763	767
	Sholapur	0.00%	67.43%	31.53%	31.53%	804	776	790
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	787	792	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	771	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	784	768	778	
Wardha	0.00%	100.00%	0.00%	0.00%	799	767	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	767	781
	Raichur	0.00%	99.51%	0.49%	0.49%	801	762	785
	Kurnool	0.00%	96.60%	3.40%	3.40%	803	768	788
	Thiruvalam	0.00%	84.72%	15.28%	15.28%	805	772	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	767	777
	Gaya	0.00%	100.00%	0.00%	0.00%	795	767	782
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	779	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	777	788
Sasaram	0.00%	100.00%	0.00%	0.00%	794	739	766	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	403	407
	Balipara (400 kV)	0.00%	97.99%	2.01%	2.01%	430	394	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	405
	Misa (400 kV)	0.07%	98.13%	1.81%	1.88%	427	367	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	409

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