

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

**Date of Reporting: 7-Aug-16  
System Reliability Indices Report for: 6-Aug-16**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	19	4.75	19.79
2	ER-NR	0	0.00	0.00
3	Import of NR	58	14.50	60.42
4	NEW-SR	11	2.75	11.46
5	ER-NER	19	4.75	19.79

**Percentage(%) of times (N-1) Criteria was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	3	0.75	3.13
4	NEW-SR	0	0.00	0.00
4	ER-NER	18	4.50	18.75

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 06-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%	796	754	779
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	746	760
	Ballia	0.00%	100.00%	0.00%	0.00%	787	755	772
	Bhiwani	0.00%	97.22%	2.78%	2.78%	802	768	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	747	757
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	747	771
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	761	784
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	750	775
	Meerut	0.00%	73.89%	18.54%	18.54%	814	775	795
	Moga	0.00%	92.57%	7.43%	7.43%	805	775	790
Phagi	0.00%	100.00%	0.00%	0.00%	798	756	780	
Unnao	0.00%	100.00%	0.00%	0.00%	767	733	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	762	779
	Aurangabad	0.00%	96.53%	3.47%	3.47%	802	760	785
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	757	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	756	766
	Bina	0.00%	100.00%	0.00%	0.00%	789	759	779
	Champa	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	766	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	760	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	756	781
	Indore	0.00%	100.00%	0.00%	0.00%	785	759	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	764	781
	Koradi	0.00%	100.00%	0.00%	0.00%	771	750	760
	Pune	0.00%	100.00%	0.00%	0.00%	788	729	762
	Raigarh PS (Kotra)	0.00%	28.82%	71.18%	71.18%	809	791	802
	Raipur PS (Durg)	0.00%	87.01%	12.99%	12.99%	802	783	790
	Sasan	0.00%	100.00%	0.00%	0.00%	783	764	776
	Satna	0.00%	100.00%	0.00%	0.00%	792	766	783
	Seoni	0.00%	100.00%	0.00%	0.00%	786	760	775
	Sipat	0.00%	100.00%	0.00%	0.00%	770	756	764
	Sholapur	0.00%	85.97%	7.78%	7.78%	804	773	792
Tamnara PS	0.00%	42.36%	57.64%	57.64%	807	789	800	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	768	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	785	766	778	
Wardha	0.00%	99.93%	0.07%	0.07%	800	767	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	769	781
	Raichur	0.00%	99.65%	0.35%	0.35%	803	761	786
	Kurnool	0.00%	99.24%	0.76%	0.76%	803	767	788
	Thiruvalam	0.00%	83.33%	16.67%	16.67%	807	777	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	773	784
	Gaya	0.00%	100.00%	0.00%	0.00%	786	754	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	777	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	767	783
	Sasaram	0.49%	99.51%	0.00%	0.49%	787	728	767
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	406
	Misa (400 kV)	0.00%	99.51%	0.49%	0.49%	420	401	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	410

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