

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

**Date of Reporting: 6-Aug-16
System Reliability Indices Report for: 5-Aug-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	48	12.00	50.00
2	ER-NR	0	0.00	0.00
3	Import of NR	58	14.50	60.42
4	NEW-SR	4	1.00	4.17
5	ER-NER	7	1.75	7.29

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	10	2.50	10.42
2	ER-NR	0	0.00	0.00
3	Import of NR	19	4.75	19.79
4	NEW-SR	0	0.00	0.00
4	ER-NER	2	0.50	2.08

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 05-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%	793	748	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	750	759
	Ballia	0.00%	100.00%	0.00%	0.00%	787	748	768
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	744	777
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	734	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	747	768
	Jhatikara	0.00%	100.00%	0.00%	0.00%	789	789	789
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	755	771
	Meerut	0.00%	89.86%	8.06%	8.06%	810	751	788
	Moga	0.00%	100.00%	0.00%	0.00%	795	774	787
Phagi	0.00%	100.00%	0.00%	0.00%	793	756	777	
Unnao	0.00%	100.00%	0.00%	0.00%	765	729	747	
WR	Akola	0.00%	100.00%	0.00%	0.00%	793	766	781
	Aurangabad	0.00%	87.22%	12.78%	12.78%	805	766	792
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	762	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	758	765
	Bina	0.00%	100.00%	0.00%	0.00%	786	766	776
	Champa	0.00%	0.00%	100.00%	100.00%	816	810	812
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	776	776
	Dhule (BDTCL)	0.00%	99.10%	0.90%	0.90%	804	767	790
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	757	778
	Indore	0.00%	100.00%	0.00%	0.00%	785	764	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	769	778
	Koradi	0.00%	100.00%	0.00%	0.00%	772	750	763
	Pune	0.00%	100.00%	0.00%	0.00%	790	752	770
	Raigarh PS (Kotra)	0.00%	42.22%	57.78%	57.78%	810	784	799
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	792	772	788
	Sasan	0.00%	100.00%	0.00%	0.00%	779	767	773
	Satna	0.00%	100.00%	0.00%	0.00%	787	770	779
	Seoni	0.00%	100.00%	0.00%	0.00%	785	763	775
	Sipat	0.00%	100.00%	0.00%	0.00%	770	757	764
	Sholapur	0.00%	78.82%	20.83%	20.83%	808	767	787
Tamnara PS	0.00%	52.71%	47.29%	47.29%	809	782	797	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	796	775	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	768	776	
Wardha	0.00%	92.29%	7.71%	7.71%	806	765	790	
SR	Nellore PS	0.00%	99.58%	0.42%	0.42%	800	774	785
	Raichur	0.00%	87.08%	12.92%	12.92%	809	766	790
	Kurnool	0.00%	78.96%	21.04%	21.04%	809	773	791
	Thiruvalam	0.00%	75.56%	24.44%	24.44%	811	781	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	775	784
	Gaya	0.00%	100.00%	0.00%	0.00%	785	755	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	780	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	773	783
Sasaram	0.00%	100.00%	0.00%	0.00%	787	749	766	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	406
	Balipara (400 kV)	0.00%	99.51%	0.49%	0.49%	425	389	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	391	404
	Misa (400 kV)	0.00%	99.51%	0.49%	0.49%	427	393	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	409

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