

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

**Date of Reporting: 1-Aug-16
System Reliability Indices Report for: 31-Jul-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	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 31-Jul-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	758	782
	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	761	772
	Ballia	0.00%	100.00%	0.00%	0.00%	795	761	781
	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	765	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	755	778
	Jhatikara	0.00%	100.00%	0.00%	0.00%	778	778	778
	Lucknow	0.00%	96.04%	3.96%	3.96%	803	770	789
	Meerut	0.00%	49.58%	49.38%	49.38%	811	772	797
	Moga	0.00%	100.00%	0.00%	0.00%	798	756	784
Phagi	0.00%	100.00%	0.00%	0.00%	793	764	781	
Unnao	0.00%	100.00%	0.00%	0.00%	778	745	764	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	759	774
	Aurangabad	0.00%	97.22%	2.78%	2.78%	805	763	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	765	776
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	758	768
	Bina	0.00%	100.00%	0.00%	0.00%	793	767	782
	Champa	0.00%	52.92%	33.33%	33.33%	804	790	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	772	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	760	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	760	781
	Indore	0.00%	100.00%	0.00%	0.00%	786	764	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	774	786
	Koradi	0.00%	100.00%	0.00%	0.00%	766	745	756
	Pune	0.00%	100.00%	0.00%	0.00%	786	748	768
	Raigarh PS (Kotra)	0.00%	87.29%	12.71%	12.71%	802	787	797
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	779	787
	Sasan	0.00%	100.00%	0.00%	0.00%	782	766	774
	Satna	0.00%	100.00%	0.00%	0.00%	790	768	782
	Seoni	0.00%	100.00%	0.00%	0.00%	793	772	785
	Sipat	0.00%	100.00%	0.00%	0.00%	772	756	766
	Sholapur	0.00%	61.46%	34.38%	34.38%	810	772	795
Tamnar PS	0.00%	99.31%	0.69%	0.69%	801	786	795	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	768	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	772	776	
Wardha	0.00%	99.93%	0.07%	0.07%	800	772	788	
SR	Nellore PS	0.00%	95.97%	4.03%	4.03%	803	779	793
	Raichur	0.00%	83.82%	16.18%	16.18%	808	767	793
	Kurnool	0.00%	46.25%	53.75%	53.75%	815	775	799
	Thiruvalam	0.00%	14.58%	85.42%	85.42%	818	788	804
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	773	785
	Gaya	0.00%	100.00%	0.00%	0.00%	792	761	780
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	783	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	781	781	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	790	734	761
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	405	409
	Balipara (400 kV)	0.00%	99.58%	0.42%	0.42%	421	407	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	411
	Misa (400 kV)	0.00%	97.01%	2.99%	2.99%	421	408	415
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	407	412

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