

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

**Date of Reporting: 11-Aug-16
System Reliability Indices Report for: 10-Aug-16**

Percentage (%) of times ATC 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	9	2.25	9.38
4	NEW-SR	30	7.50	31.25
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	6	1.50	6.25
2	ER-NR	0	0.00	0.00
3	Import of NR	4	1.00	4.17
4	NEW-SR	1	0.25	1.04
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 10-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%	99.58%	0.21%	0.21%	802	753	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	750	767
	Ballia	0.00%	99.65%	0.35%	0.35%	801	749	774
	Bhiwani	0.00%	94.44%	5.56%	5.56%	807	766	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	749	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	798	750	771
	Jhatikara	0.00%	100.00%	0.00%	0.00%	772	772	772
	Lucknow	0.00%	95.56%	4.44%	4.44%	812	747	775
	Meerut	0.00%	77.92%	21.25%	21.25%	821	767	789
	Moga	0.00%	100.00%	0.00%	0.00%	787	767	779
Phagi	0.00%	97.78%	2.22%	2.22%	805	766	781	
Unnao	0.00%	100.00%	0.00%	0.00%	780	736	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	752	778
	Aurangabad	0.00%	97.43%	2.57%	2.57%	803	752	785
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	763	776
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	764	770
	Bina	0.00%	100.00%	0.00%	0.00%	799	765	782
	Champa	0.00%	68.40%	25.21%	25.21%	806	787	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	772	779
	Dhule (BDTCL)	0.00%	99.31%	0.69%	0.69%	800	754	785
	Gwalior	0.07%	96.88%	3.06%	3.13%	808	725	782
	Indore	0.00%	100.00%	0.00%	0.00%	790	763	777
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	770	783
	Koradi	0.00%	100.00%	0.00%	0.00%	773	738	761
	Pune	0.42%	99.58%	0.00%	0.42%	800	726	776
	Raigarh PS (Kotra)	0.00%	89.24%	10.76%	10.76%	802	788	796
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	781	786
	Sasan	0.00%	100.00%	0.00%	0.00%	783	767	776
	Satna	0.00%	100.00%	0.00%	0.00%	797	769	783
	Seoni	0.00%	100.00%	0.00%	0.00%	797	773	785
	Sipat	0.00%	100.00%	0.00%	0.00%	774	763	769
	Sholapur	0.00%	42.36%	56.39%	56.39%	809	782	796
Tamnara PS	0.00%	99.65%	0.35%	0.35%	801	786	793	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	800	770	787	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	783	768	778	
Wardha	0.00%	99.93%	0.07%	0.07%	800	766	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	763	777
	Raichur	0.00%	96.18%	3.82%	3.82%	805	757	785
	Kurmoor	0.00%	91.94%	8.06%	8.06%	806	764	787
	Thiruvalam	0.00%	80.90%	19.10%	19.10%	804	770	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	774	785
	Gaya	0.00%	100.00%	0.00%	0.00%	796	757	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	781	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	775	786
Sasaram	0.00%	100.00%	0.00%	0.00%	796	733	756	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	406
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	410

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