

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

**Date of Reporting: 25-Aug-16
System Reliability Indices Report for: 24-Aug-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	15	3.75	15.63
2	ER-NR	0	0.00	0.00
3	Import of NR	5	1.25	5.21
4	NEW-SR	11	2.75	11.46
5	ER-NER	43	10.75	44.79

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	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	ER-NER	41	10.25	42.71

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 24-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%	99.65%	0.14%	0.14%	801	751	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	787	765	778
	Ballia	0.00%	100.00%	0.00%	0.00%	796	760	780
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	768	782
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	760
	Fatehpur	0.00%	99.58%	0.00%	0.00%	800	747	777
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	758	783
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	757	779
	Meerut	0.00%	79.03%	16.74%	16.74%	807	768	792
	Moga	0.00%	95.00%	5.00%	5.00%	804	772	784
Phagi	0.00%	98.82%	1.18%	1.18%	801	765	784	
Unnao	0.00%	100.00%	0.00%	0.00%	783	747	767	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	751	767
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	748	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	756	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	757	765
	Bina	0.00%	100.00%	0.00%	0.00%	791	763	778
	Champa	0.00%	100.00%	0.00%	0.00%	796	781	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	757	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	759	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	759	782
	Indore	0.00%	100.00%	0.00%	0.00%	789	759	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	755	776
	Koradi	0.00%	100.00%	0.00%	0.00%	769	744	756
	Pune	0.00%	100.00%	0.00%	0.00%	799	756	779
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	792	780	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	780	770	778
	Sasan	0.00%	100.00%	0.00%	0.00%	781	766	773
	Satna	0.00%	100.00%	0.00%	0.00%	791	769	780
	Seoni	0.00%	100.00%	0.00%	0.00%	790	769	779
	Sipat	0.00%	100.00%	0.00%	0.00%	770	757	764
	Sholapur	0.00%	95.63%	4.38%	4.38%	807	757	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	792	780	786	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	766	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	771	775	
Wardha	0.00%	100.00%	0.00%	0.00%	793	759	779	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	768	777
	Raichur	0.00%	100.00%	0.00%	0.00%	797	761	781
	Kurmoor	0.00%	100.00%	0.00%	0.00%	800	769	784
	Thiruvalam	0.00%	99.58%	0.42%	0.42%	802	777	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	776	760	770
	Gaya	0.00%	100.00%	0.00%	0.00%	787	761	777
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	770	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	769	780
Sasaram	0.00%	100.00%	0.00%	0.00%	783	748	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	403	406
	Balipara (400 kV)	0.00%	99.58%	0.42%	0.42%	421	401	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	404
	Misa (400 kV)	0.00%	97.92%	2.08%	2.08%	422	403	411
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	408	

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