

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

**Date of Reporting: 24-Aug-16
System Reliability Indices Report for: 23-Aug-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	11	2.75	11.46
5	ER-NER	46	11.50	47.92

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	33	8.25	34.38

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 23-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%	0.07%	0.07%	801	760	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	786	772	777
	Ballia	0.00%	100.00%	0.00%	0.00%	799	767	780
	Bhiwani	0.00%	100.00%	0.00%	0.00%	778	778	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	753	768
	Jhatikara	0.00%	99.58%	0.42%	0.42%	802	765	781
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	768	779
	Meerut	0.00%	97.22%	2.71%	2.71%	808	769	786
	Moga	0.00%	99.93%	0.07%	0.07%	800	768	781
Phagi	0.00%	99.10%	0.90%	0.90%	800	768	784	
Unnao	0.00%	100.00%	0.00%	0.00%	782	758	766	
WR	Akola	0.00%	100.00%	0.00%	0.00%	780	754	766
	Aurangabad	0.00%	99.86%	0.14%	0.14%	802	759	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	760	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	759	766
	Bina	0.00%	100.00%	0.00%	0.00%	790	763	778
	Champa	0.00%	100.00%	0.00%	0.00%	799	782	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	766	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	769	782
	Gwalior	0.00%	99.86%	0.14%	0.14%	801	764	782
	Indore	0.00%	100.00%	0.00%	0.00%	786	762	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	789	766	778
	Koradi	0.00%	100.00%	0.00%	0.00%	766	746	755
	Pune	0.00%	100.00%	0.00%	0.00%	798	759	779
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	781	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	779	780
	Sasan	0.00%	100.00%	0.00%	0.00%	779	765	772
	Satna	0.00%	100.00%	0.00%	0.00%	790	766	780
	Seoni	0.00%	100.00%	0.00%	0.00%	789	770	780
	Sipat	0.00%	100.00%	0.00%	0.00%	771	759	765
	Sholapur	0.00%	98.47%	1.53%	1.53%	803	768	787
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	781	786	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	769	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	767	775	
Wardha	0.00%	99.93%	0.07%	0.07%	803	766	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	768	777
	Raichur	0.00%	100.00%	0.00%	0.00%	800	765	781
	Kurnool	0.00%	99.93%	0.07%	0.07%	801	770	784
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	798	776	786
ER	Angul	0.00%	100.00%	0.00%	0.00%	776	761	769
	Gaya	0.00%	100.00%	0.00%	0.00%	796	772	781
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	774	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	770	782
	Sasaram	0.28%	99.72%	0.00%	0.28%	769	725	748
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	406
	Balipara (400 kV)	0.00%	98.26%	1.74%	1.74%	421	395	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	392	403
	Misa (400 kV)	0.00%	96.45%	3.55%	3.55%	422	397	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	408

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