

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

**Date of Reporting: 17-Aug-16
System Reliability Indices Report for: 16-Aug-16**

Percentage (%) of times ATC 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	12	3.00	12.50
4	NEW-SR	1	0.25	1.04
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 16-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	762	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	764	772
	Ballia	0.00%	100.00%	0.00%	0.00%	794	769	780
	Bhiwani	0.00%	100.00%	0.00%	0.00%	778	778	778
	Bareilly	16.81%	83.19%	0.00%	16.81%	760	718	752
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	758	774
	Jhatikara	0.00%	100.00%	0.00%	0.00%	795	764	779
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	769	778
	Meerut	0.00%	86.53%	9.72%	9.72%	807	772	790
	Moga	0.00%	100.00%	0.00%	0.00%	795	766	779
Phagi	0.00%	100.00%	0.00%	0.00%	792	764	778	
Unnao	0.00%	100.00%	0.00%	0.00%	776	748	762	
WR	Akola	0.00%	100.00%	0.00%	0.00%	795	758	777
	Aurangabad	0.00%	95.76%	4.24%	4.24%	807	758	789
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	763	777
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	762	770
	Bina	0.00%	100.00%	0.00%	0.00%	790	765	779
	Champa	0.00%	58.47%	26.53%	26.53%	805	789	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	770	779
	Dhule (BDTCL)	0.00%	99.72%	0.28%	0.28%	804	753	785
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	765	779
	Indore	0.00%	100.00%	0.00%	0.00%	788	764	776
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	770	782
	Koradi	0.00%	100.00%	0.00%	0.00%	774	743	759
	Pune	0.00%	100.00%	0.00%	0.00%	791	739	762
	Raigarh PS (Kotra)	0.00%	95.42%	4.58%	4.58%	802	786	795
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	784	787
	Sasan	0.00%	100.00%	0.00%	0.00%	788	769	779
	Satna	0.00%	100.00%	0.00%	0.00%	794	775	785
	Seoni	0.00%	100.00%	0.00%	0.00%	793	768	782
	Sipat	0.00%	100.00%	0.00%	0.00%	773	762	768
	Sholapur	0.00%	86.74%	12.36%	12.36%	808	783	793
Tamnara PS	0.00%	98.54%	1.46%	1.46%	801	786	794	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	775	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	786	775	781	
Wardha	0.00%	97.29%	2.71%	2.71%	804	768	789	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	773	785
	Raichur	0.00%	95.35%	4.65%	4.65%	807	767	789
	Kurnool	0.00%	89.03%	10.97%	10.97%	808	774	791
	Thiruvalam	0.00%	74.93%	25.07%	25.07%	812	783	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	786	768	777
	Gaya	0.00%	100.00%	0.00%	0.00%	791	769	780
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	780	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	778	788
Sasaram	0.21%	99.79%	0.00%	0.21%	789	727	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	407
	Balipara (400 kV)	0.00%	90.21%	9.79%	9.79%	426	396	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	407
	Misa (400 kV)	0.00%	90.35%	9.65%	9.65%	426	397	413
	Silchar (400 kV)	0.00%	97.22%	2.78%	2.78%	421	401	412

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