

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

Date of Reporting: **31-Aug-16**  
System Reliability Indices Report for: **30-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	6	1.50	6.25
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	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 30-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	0.07%	99.86%	0.00%	0.07%	800	704	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	768	774
	Ballia	0.00%	100.00%	0.00%	0.00%	794	759	774
	Bhiwani	0.00%	69.43%	30.57%	30.57%	807	778	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	754	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	749	768
	Jhatikara	0.00%	94.86%	5.14%	5.14%	804	763	786
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	759	774
	Meerut	0.00%	80.35%	15.56%	15.56%	812	771	791
	Moga	0.00%	94.03%	5.97%	5.97%	804	764	787
Phagi	0.00%	100.00%	0.00%	0.00%	800	757	783	
Unnao	0.00%	100.00%	0.00%	0.00%	776	738	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	780	753	763
	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	761	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	755	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	760	767
	Bina	0.00%	100.00%	0.00%	0.00%	796	764	778
	Champa	0.00%	100.00%	0.00%	0.00%	794	779	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	758	772
	Dhule (BDTCL)	0.00%	99.58%	0.42%	0.42%	801	764	780
	Gwalior	0.00%	99.79%	0.21%	0.21%	802	758	779
	Indore	0.00%	100.00%	0.00%	0.00%	787	757	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	760	780
	Koradi	0.00%	100.00%	0.00%	0.00%	765	748	751
	Pune	0.00%	100.00%	0.00%	0.00%	779	728	754
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	793	779	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	770	777
	Sasan	0.00%	100.00%	0.00%	0.00%	779	761	769
	Satna	0.00%	100.00%	0.00%	0.00%	790	761	775
	Seoni	0.00%	100.00%	0.00%	0.00%	796	769	780
	Sipat	0.00%	100.00%	0.00%	0.00%	773	759	765
	Sholapur	0.00%	98.33%	1.67%	1.67%	802	764	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	793	779	785	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	765	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	782	763	771	
Wardha	0.00%	99.79%	0.21%	0.21%	801	768	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	773	785
	Raichur	0.00%	96.74%	3.26%	3.26%	802	767	786
	Kurnool	0.00%	82.36%	17.64%	17.64%	807	775	793
	Thiruvalam	0.00%	65.42%	34.58%	34.58%	814	781	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	773	759	767
	Gaya	0.00%	100.00%	0.00%	0.00%	789	759	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	768	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	764	776
Sasaram	0.00%	100.00%	0.00%	0.00%	766	730	742	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	Balipara (400 kV)	0.00%	98.06%	1.94%	1.94%	422	398	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	402
	Misa (400 kV)	0.00%	97.00%	3.00%	3.00%	423	399	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408

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