

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

Date of Reporting: **23-Aug-16**  
System Reliability Indices Report for: **22-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	6	1.50	6.25
4	NEW-SR	6	1.50	6.25
5	ER-NER	21	5.25	21.88

**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	17	4.25	17.71

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 22-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%	792	761	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	768	776
	Ballia	0.00%	100.00%	0.00%	0.00%	797	768	782
	Bhiwani	0.00%	100.00%	0.00%	0.00%	778	778	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	756	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	752	773
	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	764	780
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	762	778
	Meerut	0.00%	99.65%	0.00%	0.00%	800	767	784
	Moga	0.00%	100.00%	0.00%	0.00%	792	761	778
Phagi	0.00%	100.00%	0.00%	0.00%	791	771	781	
Unnao	0.00%	100.00%	0.00%	0.00%	777	748	762	
WR	Akola	0.00%	100.00%	0.00%	0.00%	781	738	770
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	734	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	755	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	757	766
	Bina	0.00%	100.00%	0.00%	0.00%	786	766	776
	Champa	0.00%	100.00%	0.00%	0.00%	796	778	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	767	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	746	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	765	780
	Indore	0.00%	100.00%	0.00%	0.00%	783	753	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	786	767	777
	Koradi	0.00%	100.00%	0.00%	0.00%	768	734	758
	Pune	0.00%	100.00%	0.00%	0.00%	796	745	781
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	793	776	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	751	780
	Sasan	0.00%	100.00%	0.00%	0.00%	776	764	769
	Satna	0.00%	100.00%	0.00%	0.00%	784	768	776
	Seoni	0.00%	100.00%	0.00%	0.00%	788	760	779
	Sipat	0.00%	100.00%	0.00%	0.00%	769	758	765
	Sholapur	0.00%	93.51%	6.49%	6.49%	807	746	788
Tamnara PS	0.00%	100.00%	0.00%	0.00%	791	776	786	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	758	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	767	772	
Wardha	0.00%	100.00%	0.00%	0.00%	798	747	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	758	775
	Raichur	0.00%	100.00%	0.00%	0.00%	796	750	781
	Kurnool	0.00%	100.00%	0.00%	0.00%	798	759	783
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	798	764	785
ER	Angul	0.00%	100.00%	0.00%	0.00%	778	763	771
	Gaya	0.00%	100.00%	0.00%	0.00%	795	768	782
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	776	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	776	785
Sasaram	0.00%	100.00%	0.00%	0.00%	787	735	753	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	403	406
	Balipara (400 kV)	0.00%	96.23%	3.77%	3.77%	421	400	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	405
	Misa (400 kV)	0.00%	95.88%	4.12%	4.12%	421	402	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	409

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