

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

Date of Reporting: **24-Sep-17**  
System Reliability Indices Report for: **23-Sep-17**

**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	0	0.00	0.00
5	NER Import	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	NER Import	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 23-Sep-2017

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	760	777
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	775	751	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	760	772
	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	759	771
	Anta	0.00%	100.00%	0.00%	0.00%	792	774	783
	Ballia	0.00%	100.00%	0.00%	0.00%	781	745	768
	Bara	0.00%	100.00%	0.00%	0.00%	771	763	769
	Bhiwani	0.00%	88.33%	11.67%	11.67%	806	772	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	741	758
	Greater Noida	0.00%	79.65%	20.35%	20.35%	804	771	789
	Jhatikara	0.00%	97.99%	2.01%	2.01%	802	770	788
	Kanpur GIS	79.79%	20.21%	0.00%	79.79%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	751	777
	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	759	774
	Meerut	0.00%	64.93%	32.71%	32.71%	810	770	792
	Moga	0.00%	98.89%	1.11%	1.11%	802	760	782
Phagi	0.00%	100.00%	0.00%	0.00%	796	773	784	
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	766	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	759	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	776	767	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	756	764
	Bina	0.00%	100.00%	0.00%	0.00%	788	767	777
	Champa	0.00%	100.00%	0.00%	0.00%	796	784	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	764	772
	Ektuni	0.00%	100.00%	0.00%	0.00%	785	766	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	761	778
	Indore	0.00%	100.00%	0.00%	0.00%	783	763	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	771	786
	Koradi	0.00%	100.00%	0.00%	0.00%	776	762	770
	Pune	0.00%	100.00%	0.00%	0.00%	794	732	767
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	781	787
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	787	777	779
	Sasan	0.00%	100.00%	0.00%	0.00%	767	756	761
	Satna	0.00%	100.00%	0.00%	0.00%	778	759	769
	Seoni	0.00%	100.00%	0.00%	0.00%	787	771	780
	Sipat	0.00%	100.00%	0.00%	0.00%	767	758	763
	Solapur	0.00%	99.31%	0.69%	0.69%	804	771	790
Tamnar	0.00%	100.00%	0.00%	0.00%	793	784	790	
Tirora	0.00%	100.00%	0.00%	0.00%	770	759	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	773	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	770	758	763	
Wardha	0.00%	100.00%	0.00%	0.00%	795	766	783	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	797	773	786
	Nellore PS	1.60%	98.40%	0.00%	1.60%	792	715	779
	Raichur	0.00%	100.00%	0.00%	0.00%	796	772	787
	Nizamabad	0.00%	100.00%	0.00%	0.00%	796	766	782
	Srikakulam	0.00%	100.00%	0.00%	0.00%	798	782	791
	Thiruvallam	0.00%	79.24%	20.76%	20.76%	804	773	791
ER	Vemagiri	0.00%	100.00%	0.00%	0.00%	794	778	787
	Angul	0.00%	100.00%	0.00%	0.00%	792	777	786
	Gaya	0.00%	100.00%	0.00%	0.00%	777	747	767
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	779	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	768	780
NER	Sasaram	0.00%	100.00%	0.00%	0.00%	782	739	767
	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	399	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	402
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	409
	Byrnhit (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	408
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	421	401	405
	Misa (400 kV)	0.00%	95.49%	4.51%	4.51%	421	402	411
	Ranganadi (400 kV)	0.00%	99.93%	0.07%	0.07%	421	401	419
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	407

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