

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

Date of Reporting: **23-Sep-17**  
System Reliability Indices Report for: **22-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 22-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%	794	765	782
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	775	751	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	763	772
	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	761	771
	Anta	0.00%	100.00%	0.00%	0.00%	787	765	779
	Ballia	0.00%	100.00%	0.00%	0.00%	795	760	778
	Bara	0.00%	100.00%	0.00%	0.00%	771	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	771	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	752	768
	Greater Noida	0.00%	99.44%	0.56%	0.56%	800	770	789
	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	770	786
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	95.76%	4.24%	4.24%	804	766	788
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	768	775
	Meerut	0.00%	95.49%	2.57%	2.57%	803	774	792
	Moga	0.00%	100.00%	0.00%	0.00%	790	769	779
Phagi	0.00%	100.00%	0.00%	0.00%	793	765	783	
Varanasi	0.00%	100.00%	0.00%	0.00%	786	761	773	
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	767	780
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	765	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	768	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	768	759	764
	Bina	0.00%	100.00%	0.00%	0.00%	792	774	783
	Champa	0.00%	100.00%	0.00%	0.00%	797	783	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	767	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	771	784
	Ektuni	0.00%	100.00%	0.00%	0.00%	787	765	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	770	784
	Indore	0.00%	100.00%	0.00%	0.00%	787	767	777
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	779	788
	Koradi	0.00%	100.00%	0.00%	0.00%	780	762	772
	Pune	0.00%	100.00%	0.00%	0.00%	784	742	761
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	782	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	787	777	778
	Sasan	0.00%	100.00%	0.00%	0.00%	774	761	767
	Satna	0.00%	100.00%	0.00%	0.00%	782	767	775
	Seoni	0.00%	100.00%	0.00%	0.00%	788	770	782
	Sipat	0.00%	100.00%	0.00%	0.00%	766	758	763
Solapur	0.00%	90.00%	10.00%	10.00%	804	776	792	
Tamnar	0.00%	100.00%	0.00%	0.00%	793	783	788	
Tirora	0.00%	100.00%	0.00%	0.00%	774	761	767	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	773	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	764	769	
Wardha	0.00%	100.00%	0.00%	0.00%	794	766	785	
SR	Kurnool	0.00%	91.81%	8.19%	8.19%	802	777	790
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	777	786
	Raichur	0.00%	97.22%	2.78%	2.78%	801	778	790
	Nizamabad	0.00%	100.00%	0.00%	0.00%	790	766	781
	Srikakulam	0.00%	98.19%	1.81%	1.81%	802	785	793
	Thiruvallam	0.00%	73.75%	26.25%	26.25%	811	783	795
	Vemagiri	0.00%	100.00%	0.00%	0.00%	797	782	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	778	787
	Gaya	0.00%	100.00%	0.00%	0.00%	789	761	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	778	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	772	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	772	738	758
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	386	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	404
	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
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	386	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	422	401	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	410
	Ranganadi (400 kV)	0.00%	95.42%	4.58%	4.58%	424	401	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	408

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