

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

Date of Reporting: **28-Sep-17**  
System Reliability Indices Report for: **27-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 27-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%	791	764	777
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	775	758	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	762	754	758
	Anpara-D	0.00%	100.00%	0.00%	0.00%	761	754	757
	Anta	0.00%	100.00%	0.00%	0.00%	784	767	776
	Ballia	0.00%	100.00%	0.00%	0.00%	783	761	771
	Bara	0.00%	100.00%	0.00%	0.00%	771	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	768	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	758	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	750	763
	Greater Noida	0.00%	100.00%	0.00%	0.00%	794	766	782
	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	768	782
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	759	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	787	763	773
	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	764	773
	Meerut	0.00%	98.96%	0.28%	0.28%	801	768	786
	Moga	0.00%	100.00%	0.00%	0.00%	792	761	777
Phagi	0.00%	100.00%	0.00%	0.00%	788	764	778	
Unnao	0.00%	100.00%	0.00%	0.00%	757	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	760	774
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	753	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	778	759	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	760	766
	Bina	0.00%	100.00%	0.00%	0.00%	785	765	773
	Champa	0.00%	60.76%	24.72%	24.72%	807	789	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	771	776
	Ektuni	0.00%	100.00%	0.00%	0.00%	769	769	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	765	776
	Indore	0.00%	100.00%	0.00%	0.00%	782	761	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	773	779
	Koradi	0.00%	100.00%	0.00%	0.00%	774	756	767
	Pune	0.00%	100.00%	0.00%	0.00%	788	740	768
	Raigarh Pooling	0.00%	67.01%	32.99%	32.99%	805	789	797
	Raipur Pooling	0.00%	60.07%	39.93%	39.93%	801	783	793
	Sasan	0.00%	100.00%	0.00%	0.00%	763	755	759
	Satna	0.00%	100.00%	0.00%	0.00%	771	760	765
	Seoni	0.00%	100.00%	0.00%	0.00%	783	766	774
	Sipat	0.00%	100.00%	0.00%	0.00%	769	760	764
	Solapur	0.00%	98.26%	1.74%	1.74%	802	771	790
Tamnar	0.00%	60.69%	39.31%	39.31%	806	791	798	
Tirora	0.00%	100.00%	0.00%	0.00%	769	755	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	769	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	764	757	761	
Wardha	0.00%	91.60%	8.40%	8.40%	805	765	789	
SR	Kurnool	0.00%	99.72%	0.28%	0.28%	800	778	790
	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	767	786
	Raichur	0.00%	100.00%	0.00%	0.00%	798	778	788
	Nizamabad	0.00%	84.51%	15.49%	15.49%	804	775	792
	Srikakulam	0.00%	97.85%	2.15%	2.15%	802	790	796
	Thiruvalam	0.00%	53.68%	46.32%	46.32%	810	788	800
	Vemagiri	0.00%	100.00%	0.00%	0.00%	796	785	791
ER	Angul	0.00%	99.93%	0.07%	0.07%	873	783	791
	Gaya	0.00%	99.93%	0.07%	0.07%	847	762	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	787	793
	Ranchi	0.00%	99.93%	0.07%	0.07%	866	776	784
	Sasaram	0.00%	100.00%	0.00%	0.00%	780	739	757
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%	408	399	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	398	401
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	410
	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%	420	401	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	411
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	413
	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%	417	402	410

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