

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

Date of Reporting: **13-Sep-17**  
System Reliability Indices Report for: **12-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 12-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%	788	758	773
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	758	760
	Anpara-C	0.00%	100.00%	0.00%	0.00%	765	752	759
	Anpara-D	0.00%	100.00%	0.00%	0.00%	766	753	759
	Anta	0.00%	100.00%	0.00%	0.00%	787	759	774
	Ballia	0.00%	100.00%	0.00%	0.00%	792	763	775
	Bara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	761	776
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	743	756
	Greater Noida	0.00%	100.00%	0.00%	0.00%	791	771	784
	Jhatikara	0.00%	100.00%	0.00%	0.00%	793	759	774
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	757	760
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	762	775
	Lalitpur	0.00%	100.00%	0.00%	0.00%	780	760	771
	Meerut	0.00%	99.02%	0.35%	0.35%	802	759	777
	Moga	0.00%	100.00%	0.00%	0.00%	791	755	770
	Phagi	0.00%	100.00%	0.00%	0.00%	792	758	776
	Varanasi	0.00%	100.00%	0.00%	0.00%	784	760	771
Unnao	0.00%	100.00%	0.00%	0.00%	757	757	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	767	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	766	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	765	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	763	767
	Bina	0.00%	100.00%	0.00%	0.00%	788	773	780
	Champa	0.00%	94.49%	3.63%	3.63%	804	791	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	780	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	772	781
	Ektuni	0.00%	100.00%	0.00%	0.00%	782	765	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	765	777
	Indore	0.00%	100.00%	0.00%	0.00%	783	765	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	779	787
	Koradi	0.00%	100.00%	0.00%	0.00%	774	764	770
	Pune	0.00%	100.00%	0.00%	0.00%	790	736	766
	Raigarh Pooling	0.00%	99.23%	0.77%	0.77%	801	787	792
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	779	786
	Sasan	0.00%	100.00%	0.00%	0.00%	776	766	771
	Satna	0.00%	100.00%	0.00%	0.00%	781	767	774
	Seoni	0.00%	100.00%	0.00%	0.00%	788	774	781
	Sipat	0.00%	100.00%	0.00%	0.00%	769	761	765
	Solapur	0.00%	99.58%	0.42%	0.42%	802	777	790
Tamnar	0.00%	97.70%	2.30%	2.30%	803	789	793	
Tirora	0.00%	100.00%	0.00%	0.00%	769	761	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	770	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	769	773	
Wardha	0.00%	100.00%	0.00%	0.00%	794	771	786	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	800	774	785
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	776	785
	Raichur	0.00%	100.00%	0.00%	0.00%	798	775	786
	Nizamabad	0.00%	100.00%	0.00%	0.00%	796	776	786
	Srikakulam	0.00%	100.00%	0.00%	0.00%	798	789	793
	Thiruvallam	0.00%	71.02%	28.98%	28.98%	811	783	797
	Vemagiri	0.00%	100.00%	0.00%	0.00%	795	785	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	782	789
	Gaya	0.00%	100.00%	0.00%	0.00%	780	754	765
	Jharsuguda	0.00%	99.23%	0.77%	0.77%	802	787	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	776	784
	Sasaram	0.07%	99.93%	0.00%	0.07%	780	708	757
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	386	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	405	399	401
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	397	403
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	404	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	386	406
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	421	405	0
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	411
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	402	401	397
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	411

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