

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

Date of Reporting: **10-Sep-17**  
System Reliability Indices Report for: **9-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 09-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	772
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	751	759
	Anpara-C	0.00%	100.00%	0.00%	0.00%	761	749	754
	Anpara-D	0.00%	100.00%	0.00%	0.00%	761	751	755
	Anta	0.00%	100.00%	0.00%	0.00%	783	768	775
	Ballia	0.00%	100.00%	0.00%	0.00%	783	751	765
	Bara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	766	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	743	756
	Greater Noida	0.00%	100.00%	0.00%	0.00%	791	765	776
	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	763	776
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	755	759
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	758	770
	Lalitpur	0.00%	100.00%	0.00%	0.00%	774	748	761
	Meerut	0.00%	100.00%	0.00%	0.00%	796	764	779
	Moga	0.00%	100.00%	0.00%	0.00%	785	757	771
Phagi	0.00%	100.00%	0.00%	0.00%	787	751	776	
Varanasi	0.00%	100.00%	0.00%	0.00%	782	756	767	
Unnao	0.00%	100.00%	0.00%	0.00%	770	741	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	771	780
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	771	786
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	778	756	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	761	767
	Bina	0.00%	100.00%	0.00%	0.00%	787	767	774
	Champa	0.00%	80.90%	17.43%	17.43%	804	785	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	774	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	774	787
	Ektuni	0.00%	100.00%	0.00%	0.00%	786	767	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	763	774
	Indore	0.00%	100.00%	0.00%	0.00%	781	759	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	771	780
	Koradi	0.00%	100.00%	0.00%	0.00%	778	763	772
	Pune	0.00%	100.00%	0.00%	0.00%	793	751	773
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	783	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	775	788
	Sasan	0.00%	100.00%	0.00%	0.00%	773	764	767
	Satna	0.00%	100.00%	0.00%	0.00%	777	763	768
	Seoni	0.00%	100.00%	0.00%	0.00%	791	769	781
	Sipat	0.00%	100.00%	0.00%	0.00%	769	757	765
Solapur	0.00%	79.44%	20.56%	20.56%	804	782	796	
Tamnar	0.00%	100.00%	0.00%	0.00%	799	785	793	
Tirora	0.00%	100.00%	0.00%	0.00%	773	762	768	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	771	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	766	769	
Wardha	0.00%	95.35%	4.65%	4.65%	802	783	792	
SR	Kurnool	0.00%	81.53%	18.47%	18.47%	806	781	792
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	782	788
	Raichur	0.00%	91.67%	8.33%	8.33%	806	783	792
	Nizamabad	0.00%	84.38%	15.63%	15.63%	802	780	792
	Srikakulam	0.00%	100.00%	0.00%	0.00%	796	785	790
	Thiruvallam	0.00%	40.90%	59.10%	59.10%	812	793	802
	Vemagiri	0.00%	100.00%	0.00%	0.00%	793	782	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	781	786
	Gaya	0.00%	100.00%	0.00%	0.00%	777	753	763
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	786	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	776	782
	Sasaram	0.00%	100.00%	0.00%	0.00%	789	736	759
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	386	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	407	399	401
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	404
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	386	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	426	415	0
	Misa (400 kV)	0.00%	99.86%	0.14%	0.14%	420	402	413
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	405	401	399
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	410
	Silchar (400 kV)	0.00%	94.86%	5.14%	5.14%	424	406	413

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