

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

Date of Reporting: **7-Sep-17**  
System Reliability Indices Report for: **6-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 06-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	762	776
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	760	760
	Anpara-C	0.00%	100.00%	0.00%	0.00%	767	752	757
	Anpara-D	0.00%	100.00%	0.00%	0.00%	767	753	758
	Anta	0.00%	99.65%	0.35%	0.35%	802	768	779
	Ballia	0.00%	100.00%	0.00%	0.00%	788	752	767
	Bara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	770	784
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	749	760
	Greater Noida	0.00%	100.00%	0.00%	0.00%	797	768	781
	Jhatikara	0.00%	100.00%	0.00%	0.00%	795	767	780
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	759	760
	Lucknow	0.00%	100.00%	0.00%	0.00%	789	751	768
	Lalitpur	0.00%	100.00%	0.00%	0.00%	779	756	768
	Meerut	0.00%	100.00%	0.00%	0.00%	798	768	784
	Moga	0.00%	100.00%	0.00%	0.00%	795	762	775
	Phagi	0.00%	100.00%	0.00%	0.00%	794	766	780
Varanasi	0.00%	100.00%	0.00%	0.00%	788	758	769	
Unnao	0.00%	100.00%	0.00%	0.00%	777	743	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	764	774
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	762	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	778	755	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	759	765
	Bina	0.00%	100.00%	0.00%	0.00%	784	764	774
	Champa	0.00%	98.61%	0.42%	0.42%	804	785	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	772	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	762	780
	Ektuni	0.00%	100.00%	0.00%	0.00%	785	760	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	766	778
	Indore	0.00%	100.00%	0.00%	0.00%	784	757	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	786	768	777
	Koradi	0.00%	100.00%	0.00%	0.00%	776	763	770
	Pune	0.00%	100.00%	0.00%	0.00%	793	750	774
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	781	790
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	774	785
	Sasan	0.00%	100.00%	0.00%	0.00%	772	764	768
	Satna	0.00%	100.00%	0.00%	0.00%	779	764	771
	Seoni	0.00%	100.00%	0.00%	0.00%	786	764	777
	Sipat	0.00%	100.00%	0.00%	0.00%	766	758	763
Solapur	0.00%	95.14%	4.86%	4.86%	803	770	791	
Tamnar	0.00%	100.00%	0.00%	0.00%	798	784	791	
Tirora	0.00%	100.00%	0.00%	0.00%	771	760	766	
Vadodara	0.00%	100.00%	0.00%	0.00%	800	767	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	766	771	
Wardha	0.00%	100.00%	0.00%	0.00%	796	768	789	
SR	Kurnool	0.00%	87.99%	12.01%	12.01%	803	774	792
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	777	786
	Raichur	0.00%	99.38%	0.63%	0.63%	801	772	791
	Nizamabad	0.00%	99.72%	0.28%	0.28%	800	767	786
	Srikakulam	0.00%	100.00%	0.00%	0.00%	795	780	788
	Thiruvallam	0.00%	58.54%	41.46%	41.46%	815	788	799
	Vemagiri	0.00%	100.00%	0.00%	0.00%	793	776	784
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	778	784
	Gaya	0.00%	100.00%	0.00%	0.00%	781	754	765
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	784	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	775	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	784	740	762
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%	410	399	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	397	403
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	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	402	0
	Misa (400 kV)	0.00%	99.86%	0.14%	0.14%	420	407	413
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	406	401	399
	Biswanath Chariali (400 kV)	0.00%	99.93%	0.00%	0.00%	420	405	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	399	407

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