

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

Date of Reporting: **5-Sep-17**
System Reliability Indices Report for: **4-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 04-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%	789	758	776
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	760	752	759
	Anpara-C	0.00%	100.00%	0.00%	0.00%	767	755	762
	Anpara-D	0.00%	100.00%	0.00%	0.00%	768	755	762
	Anta	0.00%	100.00%	0.00%	0.00%	787	762	777
	Ballia	0.00%	100.00%	0.00%	0.00%	797	751	773
	Bara	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	768	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	748	764
	Greater Noida	0.00%	100.00%	0.00%	0.00%	799	768	784
	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	762	782
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	753	759
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	748	772
	Lalitpur	0.00%	100.00%	0.00%	0.00%	777	748	764
	Meerut	0.00%	97.01%	1.04%	1.04%	803	766	787
	Moga	0.00%	100.00%	0.00%	0.00%	770	770	770
	Phagi	0.00%	100.00%	0.00%	0.00%	793	763	779
Varanasi	0.00%	100.00%	0.00%	0.00%	799	755	776	
Unnao	0.00%	100.00%	0.00%	0.00%	775	744	761	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	767	777
	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	768	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	776	758	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	759	765
	Bina	0.00%	100.00%	0.00%	0.00%	782	763	772
	Champa	0.00%	100.00%	0.00%	0.00%	797	788	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	773	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	775	784
	Ektuni	0.00%	100.00%	0.00%	0.00%	783	767	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	761	777
	Indore	0.00%	100.00%	0.00%	0.00%	782	756	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	784	767	775
	Koradi	0.00%	100.00%	0.00%	0.00%	774	765	770
	Pune	0.00%	99.86%	0.00%	0.00%	800	741	772
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	793	784	789
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	782	782	782
	Sasan	0.00%	100.00%	0.00%	0.00%	769	757	763
	Satna	0.00%	100.00%	0.00%	0.00%	772	754	764
	Seoni	0.00%	100.00%	0.00%	0.00%	787	770	777
	Sipat	0.00%	100.00%	0.00%	0.00%	767	759	762
	Solapur	0.00%	97.85%	2.15%	2.15%	803	772	788
Tamnar	0.00%	100.00%	0.00%	0.00%	794	786	791	
Tirora	0.00%	100.00%	0.00%	0.00%	769	761	766	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	772	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	771	758	765	
Wardha	0.00%	100.00%	0.00%	0.00%	797	773	785	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	799	768	784
	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	772	782
	Raichur	0.00%	100.00%	0.00%	0.00%	799	772	784
	Nizamabad	0.00%	100.00%	0.00%	0.00%	795	768	779
	Srikakulam	0.00%	100.00%	0.00%	0.00%	794	778	786
	Thiruvallam	0.00%	74.31%	25.69%	25.69%	809	783	795
	Vemagiri	0.00%	100.00%	0.00%	0.00%	790	773	782
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	777	784
	Gaya	0.00%	100.00%	0.00%	0.00%	794	752	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	785	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	773	782
	Sasaram	0.00%	100.00%	0.00%	0.00%	781	730	755
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	404	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	173	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	397	403
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	404	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	0	0	0
	Misa (400 kV)	0.00%	99.17%	0.83%	0.83%	421	406	412
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	403	394	398
	Biswanath Chariali (400 kV)	0.00%	99.51%	0.07%	0.07%	429	404	410
	Silchar (400 kV)	0.00%	98.54%	1.46%	1.46%	421	399	410

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

