

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

Date of Reporting: **22-Sep-17**
System Reliability Indices Report for: **21-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	4	1.00	4.17
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 21-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%	790	760	773
	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	751	751	751
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	755	761
	Anpara-D	0.00%	100.00%	0.00%	0.00%	768	755	760
	Anta	0.00%	100.00%	0.00%	0.00%	780	765	771
	Ballia	0.00%	100.00%	0.00%	0.00%	791	766	778
	Bara	0.00%	100.00%	0.00%	0.00%	771	771	771
	Bhiwani	0.00%	100.00%	0.00%	0.00%	786	765	776
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	754	771
	Greater Noida	0.00%	100.00%	0.00%	0.00%	785	762	773
	Jhatikara	0.00%	100.00%	0.00%	0.00%	787	764	776
	Kanpur GIS	100.00%	0.00%	0.00%	100.00%	724	724	724
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	773	786
	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	764	774
	Meerut	0.00%	100.00%	0.00%	0.00%	788	760	775
	Moga	0.00%	100.00%	0.00%	0.00%	780	757	770
Phagi	0.00%	100.00%	0.00%	0.00%	783	762	773	
Varanasi	0.00%	100.00%	0.00%	0.00%	785	785	785	
Unnao	0.00%	100.00%	0.00%	0.00%	757	757	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	765	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	765	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	760	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	768	759	763
	Bina	0.00%	100.00%	0.00%	0.00%	783	771	777
	Champa	0.00%	100.00%	0.00%	0.00%	796	781	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	767	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	769	785
	Ektuni	0.00%	100.00%	0.00%	0.00%	786	761	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	764	776
	Indore	0.00%	100.00%	0.00%	0.00%	782	765	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	776	781
	Koradi	0.00%	100.00%	0.00%	0.00%	776	760	770
	Pune	0.00%	100.00%	0.00%	0.00%	795	747	776
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	794	795
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	790	777	778
	Sasan	0.00%	100.00%	0.00%	0.00%	768	756	764
	Satna	0.00%	100.00%	0.00%	0.00%	774	764	769
	Seoni	0.00%	100.00%	0.00%	0.00%	788	770	779
	Sipat	0.00%	100.00%	0.00%	0.00%	765	759	761
Solapur	0.00%	94.03%	5.97%	5.97%	802	785	794	
Tamnar	0.00%	100.00%	0.00%	0.00%	793	784	787	
Tirora	0.00%	100.00%	0.00%	0.00%	770	757	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	772	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	771	765	767	
Wardha	0.00%	100.00%	0.00%	0.00%	796	767	783	
SR	Kurnool	0.00%	99.58%	0.42%	0.42%	801	770	788
	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	777	787
	Raichur	0.00%	100.00%	0.00%	0.00%	800	777	790
	Nizamabad	0.00%	100.00%	0.00%	0.00%	793	766	780
	Srikakulam	0.00%	100.00%	0.00%	0.00%	800	785	794
	Thiruvallam	0.00%	63.49%	36.51%	36.51%	808	782	796
Vemagiri	0.00%	100.00%	0.00%	0.00%	798	781	790	
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	779	787
	Gaya	0.00%	100.00%	0.00%	0.00%	786	763	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	782	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	772	781
Sasaram	0.00%	100.00%	0.00%	0.00%	770	738	756	
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%	412	399	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	398	403
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	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	401	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	411
	Ranganadi (400 kV)	0.00%	97.78%	2.22%	2.22%	421	401	416
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	408
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	411	

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