

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

**Date of Reporting: 20-Mar-17
System Reliability Indices Report for: 19-Mar-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	22	5.50	22.92
2	ER-NR	0	0.00	0.00
3	Import of NR	5	1.25	5.21
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	3	0.75	3.13
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 19-Mar-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	763	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	766	770
	Ballia	0.00%	100.00%	0.00%	0.00%	784	767	776
	Bhiwani	0.00%	70.21%	29.79%	29.79%	809	777	795
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	753	766
	Jhatikara	0.00%	79.38%	20.63%	20.63%	807	774	793
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	767	778
	Meerut	0.00%	95.35%	3.54%	3.54%	806	766	788
	Moga	0.00%	95.42%	4.58%	4.58%	807	763	792
Phagi	0.00%	100.00%	0.00%	0.00%	799	771	785	
Unnao	0.00%	100.00%	0.00%	0.00%	775	754	764	
WR	Akola	0.00%	100.00%	0.00%	0.00%	794	761	775
	Aurangabad	0.00%	99.58%	0.42%	0.42%	804	764	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	753	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	759	767
	Bina	0.00%	100.00%	0.00%	0.00%	794	767	777
	Champa	0.00%	100.00%	0.00%	0.00%	797	786	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	776	783
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	777	777	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	770	783
	Indore	0.00%	100.00%	0.00%	0.00%	794	754	774
	Jabalpur	0.00%	99.65%	0.35%	0.35%	801	775	788
	Koradi	0.00%	100.00%	0.00%	0.00%	783	758	769
	Pune	0.00%	100.00%	0.00%	0.00%	799	744	776
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	792	780	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	791	782	782
	Sasan	0.00%	100.00%	0.00%	0.00%	776	764	769
	Satna	0.00%	100.00%	0.00%	0.00%	786	766	775
	Seoni	0.00%	100.00%	0.00%	0.00%	780	758	770
	Sipat	0.00%	100.00%	0.00%	0.00%	771	758	764
	Sholapur	0.00%	98.19%	1.81%	1.81%	805	765	788
Tamnara PS	0.00%	100.00%	0.00%	0.00%	790	779	785	
Tirora	0.00%	100.00%	0.00%	0.00%	773	756	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	766	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	768	772	
Wardha	0.00%	100.00%	0.00%	0.00%	800	770	784	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	773	781
	Raichur	0.00%	99.65%	0.35%	0.35%	803	772	788
	Kurnool	0.00%	98.33%	1.67%	1.67%	806	777	791
	Thiruvalam	0.00%	74.79%	25.21%	25.21%	801	786	796
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	776	783
	Gaya	0.00%	100.00%	0.00%	0.00%	782	767	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	786	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	780	788
Sasaram	0.00%	100.00%	0.00%	0.00%	775	750	764	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	408
	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	420	401	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	406
	Misa (400 kV)	0.00%	69.10%	30.90%	30.90%	425	407	416
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	407

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