

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

Date of Reporting: **21-Mar-17**
System Reliability Indices Report for: **20-Mar-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	5	1.25	5.21
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 20-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%	791	759	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	766	771
	Ballia	0.00%	100.00%	0.00%	0.00%	790	761	777
	Bhiwani	0.00%	78.78%	21.22%	21.22%	807	767	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	750	764
	Jhatikara	0.00%	80.74%	19.26%	19.26%	808	766	789
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	761	777
	Meerut	0.00%	91.11%	7.49%	7.49%	809	765	788
	Moga	0.00%	62.04%	37.96%	37.96%	805	763	792
Phagi	0.00%	100.00%	0.00%	0.00%	796	760	781	
Unnao	0.00%	100.00%	0.00%	0.00%	777	751	765	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	754	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	755	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	752	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	759	767
	Bina	0.00%	100.00%	0.00%	0.00%	790	766	778
	Champa	0.00%	100.00%	0.00%	0.00%	796	783	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	776	782
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	777	753	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	766	782
	Indore	0.00%	100.00%	0.00%	0.00%	787	752	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	775	787
	Koradi	0.00%	100.00%	0.00%	0.00%	778	753	766
	Pune	0.00%	100.00%	0.00%	0.00%	793	734	771
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	790	778	784
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	773	781
	Sasan	0.00%	100.00%	0.00%	0.00%	772	761	766
	Satna	0.00%	100.00%	0.00%	0.00%	778	762	770
	Seoni	0.00%	100.00%	0.00%	0.00%	785	758	772
	Sipat	0.00%	100.00%	0.00%	0.00%	770	757	764
	Sholapur	0.00%	100.00%	0.00%	0.00%	798	758	781
Tamnara PS	0.00%	100.00%	0.00%	0.00%	788	778	784	
Tirora	0.00%	100.00%	0.00%	0.00%	769	752	761	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	757	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	764	767	
Wardha	0.00%	100.00%	0.00%	0.00%	796	768	779	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	786	762	773
	Raichur	0.00%	100.00%	0.00%	0.00%	793	763	780
	Kurnool	0.00%	100.00%	0.00%	0.00%	796	766	782
	Thiruvalam	0.00%	25.49%	74.51%	74.51%	801	778	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	790	776	783
	Gaya	0.00%	100.00%	0.00%	0.00%	783	760	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	784	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	776	787
Sasaram	0.00%	100.00%	0.00%	0.00%	783	750	766	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	408
	Balipara (400 kV)	0.00%	98.88%	1.12%	1.12%	425	391	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	406
	Misa (400 kV)	0.00%	80.74%	19.26%	19.26%	429	399	414
	Silchar (400 kV)	0.00%	96.43%	3.57%	3.57%	422	394	410

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