

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

Date of Reporting: **22-Mar-17**  
System Reliability Indices Report for: **21-Mar-17**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	5	1.25	5.21
3	Import of NR	1	0.25	1.04
4	NEW-SR	2	0.50	2.08
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-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%	787	758	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	761	765
	Ballia	0.00%	100.00%	0.00%	0.00%	782	758	768
	Bhiwani	0.00%	85.93%	14.07%	14.07%	806	761	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	749	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	743	758
	Jhatikara	0.00%	91.70%	8.30%	8.30%	805	766	785
	Lucknow	0.00%	100.00%	0.00%	0.00%	784	754	769
	Meerut	0.00%	91.27%	6.26%	6.26%	806	764	785
	Moga	0.00%	99.93%	0.07%	0.07%	800	767	787
	Phagi	0.00%	100.00%	0.00%	0.00%	791	752	778
Unnao	0.00%	100.00%	0.00%	0.00%	769	745	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	753	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	788	753	774
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	756	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	759	766
	Bina	0.00%	100.00%	0.00%	0.00%	782	761	773
	Champa	0.00%	100.00%	0.00%	0.00%	796	782	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	772	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	768	768	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	761	776
	Indore	0.00%	100.00%	0.00%	0.00%	780	751	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	772	784
	Koradi	0.00%	100.00%	0.00%	0.00%	774	751	766
	Pune	0.00%	100.00%	0.00%	0.00%	795	749	771
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	789	777	784
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	776	779
	Sasan	0.00%	100.00%	0.00%	0.00%	767	755	762
	Satna	0.00%	100.00%	0.00%	0.00%	773	753	766
	Seoni	0.00%	100.00%	0.00%	0.00%	783	761	773
	Sipat	0.00%	100.00%	0.00%	0.00%	769	758	764
	Sholapur	0.00%	100.00%	0.00%	0.00%	795	759	778
Tamnara PS	0.00%	100.00%	0.00%	0.00%	788	778	784	
Tirora	0.00%	100.00%	0.00%	0.00%	767	751	761	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	757	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	769	762	764	
Wardha	0.00%	100.00%	0.00%	0.00%	792	768	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	781	757	770
	Raichur	0.00%	100.00%	0.00%	0.00%	790	759	777
	Kurnool	0.00%	100.00%	0.00%	0.00%	793	760	780
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	795	766	782
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	769	782
	Gaya	0.00%	100.00%	0.00%	0.00%	782	755	767
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	782	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	773	785
Sasaram	0.00%	100.00%	0.00%	0.00%	784	743	758	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	408
	Balipara (400 kV)	0.00%	99.23%	0.77%	0.77%	422	386	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	406
	Misa (400 kV)	0.00%	91.48%	8.52%	8.52%	430	394	413
	Silchar (400 kV)	0.00%	86.70%	13.30%	13.30%	423	398	412

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