

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

Date of Reporting: **23-Mar-17**  
System Reliability Indices Report for: **22-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	0	0.00	0.00
3	Import of NR	4	1.00	4.17
4	NEW-SR	1	0.25	1.04
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 22-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%	789	761	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	761	766
	Ballia	0.00%	100.00%	0.00%	0.00%	784	759	772
	Bhiwani	0.00%	85.80%	14.20%	14.20%	807	779	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	751	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	747	761
	Jhatikara	0.00%	92.69%	7.31%	7.31%	806	769	786
	Lucknow	0.00%	100.00%	0.00%	0.00%	786	755	772
	Meerut	0.00%	96.42%	2.11%	2.11%	804	764	788
	Moga	0.00%	100.00%	0.00%	0.00%	798	768	785
Phagi	0.00%	100.00%	0.00%	0.00%	797	765	780	
Unnao	0.00%	100.00%	0.00%	0.00%	775	743	759	
WR	Akola	0.00%	100.00%	0.00%	0.00%	776	761	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	788	757	775
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	758	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	768	756	762
	Bina	0.00%	100.00%	0.00%	0.00%	788	767	777
	Champa	0.00%	100.00%	0.00%	0.00%	799	783	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	772	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	740	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	768	780
	Indore	0.00%	100.00%	0.00%	0.00%	781	754	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	775	785
	Koradi	0.00%	100.00%	0.00%	0.00%	771	761	769
	Pune	0.00%	100.00%	0.00%	0.00%	787	749	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	791	777	784
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	776	780
	Sasan	0.00%	100.00%	0.00%	0.00%	771	761	765
	Satna	0.00%	100.00%	0.00%	0.00%	779	765	771
	Seoni	0.00%	100.00%	0.00%	0.00%	786	763	775
	Sipat	0.00%	100.00%	0.00%	0.00%	765	755	760
	Sholapur	0.00%	100.00%	0.00%	0.00%	795	761	780
Tamnara PS	0.00%	100.00%	0.00%	0.00%	790	780	787	
Tirora	0.00%	100.00%	0.00%	0.00%	764	757	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	785	759	772	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	768	763	767	
Wardha	0.00%	100.00%	0.00%	0.00%	793	769	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	782	761	772
	Raichur	0.00%	100.00%	0.00%	0.00%	792	764	779
	Kurnool	0.00%	100.00%	0.00%	0.00%	795	768	783
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	792	773	783
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	768	778
	Gaya	0.00%	100.00%	0.00%	0.00%	779	759	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	781	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	767	782
Sasaram	0.00%	100.00%	0.00%	0.00%	772	744	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	393	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	406
	Misa (400 kV)	0.00%	97.19%	2.81%	2.81%	423	401	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	410

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