

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

Date of Reporting: **29-Apr-17**  
System Reliability Indices Report for: **24-Mar-17**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	2.08
4	NEW-SR	5	1.25	5.21
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 24-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%	786	756	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	760	764
	Ballia	0.00%	100.00%	0.00%	0.00%	784	759	774
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	769	784
	Bareilly	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	743	758
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	765	784
	Lucknow	0.00%	100.00%	0.00%	0.00%	784	759	771
	Meerut	0.00%	97.68%	1.35%	1.35%	801	766	785
	Moga	0.00%	100.00%	0.00%	0.00%	796	767	782
Phagi	0.00%	100.00%	0.00%	0.00%	789	759	775	
Unnao	0.00%	100.00%	0.00%	0.00%	770	745	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	794	757	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	761	774
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	752	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	755	761
	Bina	0.00%	100.00%	0.00%	0.00%	791	763	773
	Champa	0.00%	100.00%	0.00%	0.00%	798	778	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	769	777
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	773	773	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	765	776
	Indore	0.00%	100.00%	0.00%	0.00%	786	754	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	771	782
	Koradi	0.00%	100.00%	0.00%	0.00%	782	758	768
	Pune	0.00%	99.81%	0.00%	0.00%	800	754	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	773	782
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	762	779
	Sasan	0.00%	100.00%	0.00%	0.00%	773	762	766
	Satna	0.00%	100.00%	0.00%	0.00%	781	764	769
	Seoni	0.00%	100.00%	0.00%	0.00%	788	760	772
	Sipat	0.00%	100.00%	0.00%	0.00%	766	754	758
	Sholapur	0.00%	99.03%	0.97%	0.97%	802	766	780
Tamnar PS	0.00%	100.00%	0.00%	0.00%	797	774	782	
Tirora	0.00%	100.00%	0.00%	0.00%	772	754	762	
Vadodara	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	765	768	
Wardha	0.00%	100.00%	0.00%	0.00%	796	770	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	779	765	771
	Raichur	0.00%	100.00%	0.00%	0.00%	796	768	779
	Kurnool	0.00%	100.00%	0.00%	0.00%	796	774	782
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	791	772	782
ER	Angul	0.00%	100.00%	0.00%	0.00%	785	769	775
	Gaya	0.00%	100.00%	0.00%	0.00%	777	752	764
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	778	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	768	777
Sasaram	0.00%	100.00%	0.00%	0.00%	783	745	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	Balipara (400 kV)	0.00%	99.61%	0.39%	0.39%	420	394	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	392	403
	Misa (400 kV)	0.00%	76.40%	23.60%	23.60%	425	400	413
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	406	

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