

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

**Date of Reporting: 1-Apr-17
System Reliability Indices Report for: 31-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	0	0.00	0.00
3	Import of NR	0	0.00	0.00
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 31-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	760	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	755	764
	Ballia	0.00%	100.00%	0.00%	0.00%	783	739	767
	Bhiwani	0.00%	84.79%	15.21%	15.21%	809	773	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	740	762
	Jhatikara	0.00%	88.40%	11.60%	11.60%	808	769	788
	Lucknow	0.00%	100.00%	0.00%	0.00%	785	745	770
	Meerut	0.00%	89.58%	9.65%	9.65%	808	770	788
	Moga	0.00%	98.47%	1.53%	1.53%	802	770	784
Phagi	0.00%	100.00%	0.00%	0.00%	796	768	782	
Unnao	0.00%	100.00%	0.00%	0.00%	769	740	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	753	767
	Aurangabad	0.00%	99.79%	0.21%	0.21%	801	760	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	754	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	768	755	761
	Bina	0.00%	100.00%	0.00%	0.00%	787	763	774
	Champa	0.00%	100.00%	0.00%	0.00%	795	780	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	768	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	773	773	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	764	779
	Indore	0.00%	100.00%	0.00%	0.00%	787	758	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	773	782
	Koradi	0.00%	100.00%	0.00%	0.00%	775	751	763
	Pune	0.00%	100.00%	0.00%	0.00%	799	748	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	788	774	781
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	769	779
	Sasan	0.00%	100.00%	0.00%	0.00%	770	756	762
	Satna	0.00%	100.00%	0.00%	0.00%	778	761	767
	Seoni	0.00%	100.00%	0.00%	0.00%	786	762	773
	Sipat	0.00%	100.00%	0.00%	0.00%	765	753	759
	Sholapur	0.00%	98.68%	1.32%	1.32%	804	763	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	789	776	782	
Tirora	0.00%	100.00%	0.00%	0.00%	767	750	758	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	758	772	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	758	764	
Wardha	0.00%	97.99%	2.01%	2.01%	804	771	787	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	775	784
	Raichur	0.00%	100.00%	0.00%	0.00%	800	770	784
	Kurnool	0.00%	99.58%	0.42%	0.42%	802	776	789
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	795	780	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	768	776
	Gaya	0.00%	100.00%	0.00%	0.00%	787	748	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	778	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	768	780
Sasaram	0.00%	100.00%	0.00%	0.00%	782	729	766	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	403	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	402
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	410

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