

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

**Date of Reporting: 13-Mar-17
System Reliability Indices Report for: 12-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	7	1.75	7.29
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 12-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%	790	762	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	762	770
	Ballia	0.00%	100.00%	0.00%	0.00%	790	759	776
	Bhiwani	0.00%	63.11%	36.89%	36.89%	811	781	796
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	741	760
	Jhatikara	0.00%	63.33%	36.67%	36.67%	810	778	796
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	760	781
	Meerut	0.00%	82.99%	13.40%	13.40%	805	765	790
	Moga	0.00%	96.53%	3.47%	3.47%	803	776	792
Phagi	0.00%	97.29%	2.71%	2.71%	800	771	788	
Unnao	0.00%	100.00%	0.00%	0.00%	784	739	762	
WR	Akola	0.00%	100.00%	0.00%	0.00%	799	760	778
	Aurangabad	0.00%	99.86%	0.14%	0.14%	801	765	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	760	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	758	767
	Bina	0.00%	100.00%	0.00%	0.00%	793	771	782
	Champa	0.00%	100.00%	0.00%	0.00%	798	781	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	769	782
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	772	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	771	786
	Indore	0.00%	100.00%	0.00%	0.00%	789	765	775
	Jabalpur	0.00%	99.31%	0.69%	0.69%	802	771	787
	Koradi	0.00%	100.00%	0.00%	0.00%	783	756	771
	Pune	0.00%	100.00%	0.00%	0.00%	797	746	767
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	792	778	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	780	771	779
	Sasan	0.00%	100.00%	0.00%	0.00%	774	762	768
	Satna	0.00%	100.00%	0.00%	0.00%	781	765	774
	Seoni	0.00%	100.00%	0.00%	0.00%	792	770	780
	Sipat	0.00%	100.00%	0.00%	0.00%	772	756	764
	Sholapur	0.00%	99.86%	0.14%	0.14%	801	766	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	791	778	785	
Tirora	0.00%	100.00%	0.00%	0.00%	773	754	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	773	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	764	770	
Wardha	0.00%	100.00%	0.00%	0.00%	788	772	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	775	783
	Raichur	0.00%	99.86%	0.14%	0.14%	801	774	785
	Kurnool	0.00%	99.24%	0.76%	0.76%	804	780	790
	Thiruvalam	0.00%	98.96%	1.04%	1.04%	803	786	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	774	785
	Gaya	0.00%	100.00%	0.00%	0.00%	788	760	776
	Jharsuguda	0.00%	95.83%	4.17%	4.17%	801	779	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	800	774	790
	Sasaram	0.97%	99.03%	0.00%	0.97%	777	726	752
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Balipara (400 kV)	0.00%	99.65%	0.35%	0.35%	421	396	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	406
	Misa (400 kV)	0.00%	92.29%	7.71%	7.71%	426	404	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	407

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