

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

**Date of Reporting: 12-Feb-17
System Reliability Indices Report for: 11-Feb-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	12	3.00	12.50
2	ER-NR	0	0.00	0.00
3	Import of NR	19	4.75	19.79
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 11-Feb-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%	794	751	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	757	763
	Ballia	0.00%	100.00%	0.00%	0.00%	784	784	784
	Bhiwani	0.00%	84.72%	15.28%	15.28%	808	772	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	756	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	746	770
	Jhatikara	0.00%	88.13%	11.88%	11.88%	808	761	787
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	755	774
	Meerut	0.00%	76.46%	20.76%	20.76%	810	754	787
	Moga	0.00%	96.88%	3.13%	3.13%	804	769	786
Phagi	0.00%	100.00%	0.00%	0.00%	795	756	779	
Unnao	0.00%	100.00%	0.00%	0.00%	766	733	749	
WR	Akola	0.00%	100.00%	0.00%	0.00%	793	758	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	759	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	756	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	790	757	767
	Bina	0.00%	100.00%	0.00%	0.00%	789	757	776
	Champa	0.00%	100.00%	0.00%	0.00%	797	780	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	766	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	758	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	756	779
	Indore	0.00%	100.00%	0.00%	0.00%	789	757	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	761	779
	Koradi	0.00%	100.00%	0.00%	0.00%	781	755	770
	Pune	0.00%	100.00%	0.00%	0.00%	795	740	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	793	776	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	790	772	780
	Sasan	0.00%	100.00%	0.00%	0.00%	774	757	767
	Satna	0.00%	100.00%	0.00%	0.00%	785	756	773
	Seoni	0.00%	100.00%	0.00%	0.00%	793	760	776
	Sipat	0.00%	100.00%	0.00%	0.00%	772	757	764
	Sholapur	0.00%	98.54%	1.46%	1.46%	806	766	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	793	777	785	
Tirora	0.00%	100.00%	0.00%	0.00%	773	754	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	765	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	759	769	
Wardha	0.00%	100.00%	0.00%	0.00%	800	767	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	786	764	777
	Raichur	0.00%	100.00%	0.00%	0.00%	800	770	783
	Kurnool	0.00%	100.00%	0.00%	0.00%	800	770	784
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	798	776	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	776	786
	Gaya	0.00%	100.00%	0.00%	0.00%	787	755	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	777	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	771	783
Sasaram	0.00%	100.00%	0.00%	0.00%	787	733	766	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	408
	Misa (400 kV)	0.00%	78.26%	21.74%	21.74%	424	398	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	410

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