

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

**Date of Reporting: 6-Feb-17
System Reliability Indices Report for: 5-Feb-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	1	0.25	1.04
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 05-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%	792	764	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	760	768
	Ballia	0.00%	100.00%	0.00%	0.00%	788	765	778
	Bhiwani	0.00%	57.92%	42.08%	42.08%	811	779	798
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	755	768
	Jhatikara	0.00%	100.00%	0.00%	0.00%	790	790	790
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	771	785
	Meerut	0.00%	48.75%	43.19%	43.19%	813	777	799
	Moga	0.00%	90.49%	9.51%	9.51%	805	773	793
Phagi	0.00%	100.00%	0.00%	0.00%	798	767	786	
Unnao	0.00%	100.00%	0.00%	0.00%	770	752	762	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	764	775
	Aurangabad	0.00%	99.86%	0.14%	0.14%	800	756	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	761	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	757	763
	Bina	0.00%	100.00%	0.00%	0.00%	788	763	777
	Champa	0.00%	98.61%	1.39%	1.39%	802	786	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	768	777
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	759	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	767	782
	Indore	0.00%	100.00%	0.00%	0.00%	787	757	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	768	779
	Koradi	0.00%	100.00%	0.00%	0.00%	780	760	769
	Pune	0.00%	100.00%	0.00%	0.00%	794	743	766
	Raigarh PS (Kotra)	0.00%	98.33%	1.67%	1.67%	803	784	791
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	797	778	789
	Sasan	0.00%	100.00%	0.00%	0.00%	772	757	764
	Satna	0.00%	100.00%	0.00%	0.00%	782	759	770
	Seoni	0.00%	100.00%	0.00%	0.00%	791	762	776
	Sipat	0.00%	100.00%	0.00%	0.00%	768	755	762
	Sholapur	0.00%	99.72%	0.28%	0.28%	803	767	785
Tamnara PS	0.00%	98.96%	1.04%	1.04%	801	783	790	
Tirora	0.00%	100.00%	0.00%	0.00%	773	758	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	762	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	97.64%	2.36%	2.36%	805	769	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	774	782
	Raichur	0.00%	100.00%	0.00%	0.00%	799	770	784
	Kurnool	0.00%	100.00%	0.00%	0.00%	799	774	787
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	790	789	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	779	787
	Gaya	0.00%	100.00%	0.00%	0.00%	787	765	778
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	782	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	776	785
Sasaram	0.00%	100.00%	0.00%	0.00%	783	738	767	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	404	409
	Balipara (400 kV)	0.00%	99.38%	0.63%	0.63%	421	395	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	410
	Misa (400 kV)	0.00%	79.46%	20.54%	20.54%	427	403	415
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	412

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