

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

**Date of Reporting:
System Reliability Indices Report for: 2-Jan-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	18	4.50	18.75
2	ER-NR	0	0.00	0.00
3	Import of NR	17	4.25	17.71
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	1	0.25	1.04
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 02-Jan-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%	788	747	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	754	763
	Ballia	0.00%	100.00%	0.00%	0.00%	789	753	771
	Bhiwani	0.00%	81.88%	18.13%	18.13%	807	762	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	754	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	739	757
	Jhatikara	0.00%	96.46%	3.54%	3.54%	803	762	784
	Lucknow	0.00%	96.11%	3.89%	3.89%	802	762	782
	Meerut	0.00%	90.14%	6.39%	6.39%	806	760	783
	Moga	0.00%	100.00%	0.00%	0.00%	794	762	782
Phagi	0.00%	100.00%	0.00%	0.00%	798	750	776	
Unnao	0.00%	100.00%	0.00%	0.00%	776	733	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	750	772
	Aurangabad	0.00%	99.79%	0.21%	0.21%	801	744	772
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	749	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	749	760
	Bina	0.00%	100.00%	0.00%	0.00%	790	750	772
	Champa	0.00%	94.38%	4.24%	4.24%	802	776	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	763	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	740	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	749	774
	Indore	0.00%	100.00%	0.00%	0.00%	788	753	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	782	761	779
	Koradi	0.00%	100.00%	0.00%	0.00%	778	749	765
	Pune	0.00%	100.00%	0.00%	0.00%	796	745	767
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	775	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	787	764	778
	Sasan	0.00%	100.00%	0.00%	0.00%	773	752	764
	Satna	0.00%	100.00%	0.00%	0.00%	783	749	769
	Seoni	0.00%	100.00%	0.00%	0.00%	784	753	770
	Sipat	0.00%	100.00%	0.00%	0.00%	771	750	759
	Sholapur	0.00%	99.44%	0.56%	0.56%	809	751	780
Tamnar PS	0.00%	100.00%	0.00%	0.00%	800	776	786	
Tirora	0.00%	100.00%	0.00%	0.00%	770	750	761	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	756	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	755	766	
Wardha	0.00%	100.00%	0.00%	0.00%	798	756	775	
SR	Nellore PS	0.00%	84.38%	15.63%	15.63%	808	774	788
	Raichur	0.00%	100.00%	0.00%	0.00%	800	762	782
	Kurnool	0.00%	92.36%	7.64%	7.64%	807	771	788
	Thiruvalam	0.00%	67.78%	32.22%	32.22%	817	784	799
ER	Angul	0.00%	92.08%	7.92%	7.92%	802	781	791
	Gaya	0.00%	100.00%	0.00%	0.00%	788	755	771
	Jharsuguda	0.00%	88.82%	11.18%	11.18%	805	778	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	767	779
Sasaram	0.00%	100.00%	0.00%	0.00%	766	736	753	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	405	410
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408
	Misa (400 kV)	0.00%	72.50%	27.50%	27.50%	425	404	415
	Silchar (400 kV)	0.00%	70.00%	30.00%	30.00%	425	405	416

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