

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

**System Reliability Indices Report for the week from
02-Jan-2017 to 08-Jan-2017**

Date: 4-Jan-2017

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	142	35.50	21.13
2	ER-NR	0	0.00	0.00
3	Import of NR	66	16.50	9.82
4	NEW-SR	24	6.00	3.57
5	ER-NER	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	14	3.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	1	0.25	0.15
4	NEW-SR	0	0.00	0.00
4	ER-NER	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 week from 02-Jan-2017 to 08-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%	799	747	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	751	763
	Ballia	0.00%	100.00%	0.00%	0.00%	794	750	773
	Bhiwani	0.00%	85.88%	14.12%	14.12%	809	762	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	750	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	735	760
	Jhatikara	0.00%	87.16%	12.84%	12.84%	812	757	786
	Lucknow	0.00%	90.99%	9.01%	9.01%	809	758	784
	Meerut	0.00%	85.95%	11.29%	11.29%	815	760	787
	Moga	0.00%	97.16%	2.84%	2.84%	806	761	783
Phagi	0.00%	99.70%	0.30%	0.30%	800	750	776	
Unnao	0.00%	100.00%	0.00%	0.00%	788	730	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	750	773
	Aurangabad	0.00%	99.97%	0.03%	0.03%	801	744	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	743	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	749	763
	Bina	0.00%	100.00%	0.00%	0.00%	798	750	776
	Champa	0.00%	93.20%	4.81%	4.81%	811	776	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	763	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	740	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	749	776
	Indore	0.00%	100.00%	0.00%	0.00%	792	746	774
	Jabalpur	0.00%	99.36%	0.64%	0.64%	802	761	783
	Koradi	0.00%	100.00%	0.00%	0.00%	784	749	767
	Pune	0.00%	99.87%	0.00%	0.00%	800	735	769
	Raigarh PS (Kotra)	0.00%	99.93%	0.07%	0.07%	801	774	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	795	764	781
	Sasan	0.00%	100.00%	0.00%	0.00%	776	751	766
	Satna	0.00%	100.00%	0.00%	0.00%	787	749	771
	Seoni	0.00%	100.00%	0.00%	0.00%	792	751	772
	Sipat	0.00%	100.00%	0.00%	0.00%	772	750	761
	Sholapur	0.00%	98.70%	1.30%	1.30%	809	751	782
Tamnara PS	0.00%	99.87%	0.13%	0.13%	801	774	787	
Tirora	0.00%	100.00%	0.00%	0.00%	775	750	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	754	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	755	768	
Wardha	0.00%	100.00%	0.00%	0.00%	799	753	779	
SR	Nellore PS	0.00%	97.63%	2.37%	2.37%	808	773	786
	Raichur	0.00%	99.89%	0.11%	0.11%	804	762	782
	Kurnool	0.08%	98.05%	1.88%	1.95%	807	714	786
	Thiruvalam	0.00%	70.81%	29.19%	29.19%	817	775	796
ER	Angul	0.00%	95.40%	4.60%	4.60%	802	781	792
	Gaya	0.00%	100.00%	0.00%	0.00%	792	751	772
	Jharsuguda	0.00%	85.79%	14.21%	14.21%	807	778	793
	Ranchi	0.00%	99.94%	0.06%	0.06%	800	766	783
	Sasaram	0.26%	99.74%	0.00%	0.26%	788	721	757
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	410
	Balipara (400 kV)	0.00%	99.43%	0.57%	0.57%	432	390	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	391	408
	Misa (400 kV)	0.00%	70.40%	29.60%	29.60%	435	396	415
	Silchar (400 kV)	0.00%	73.74%	26.26%	26.26%	430	393	415

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