

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

**System Reliability Indices Report for the week from  
06-Feb-2017 to 12-Feb-2017**

Date: 16-Feb-2017

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	79	19.75	11.76
2	ER-NR	0	0.00	0.00
3	Import of NR	96	24.00	14.29
4	NEW-SR	15	3.75	2.23
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	10	2.50	1.49
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	0.30
4	NEW-SR	1	0.25	0.15
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 06-Feb-2017 to 12-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	741	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	756	766
	Ballia	0.00%	100.00%	0.00%	0.00%	788	753	782
	Bhiwani	0.00%	81.27%	18.73%	18.73%	813	761	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	750	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	736	765
	Jhatikara	0.00%	87.61%	12.39%	12.39%	811	754	786
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	754	775
	Meerut	0.00%	90.32%	6.93%	6.93%	810	750	787
	Moga	0.00%	97.56%	2.44%	2.44%	817	760	786
Phagi	0.00%	99.60%	0.40%	0.40%	803	752	779	
Unnao	0.00%	100.00%	0.00%	0.00%	774	730	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	794	753	776
	Aurangabad	0.00%	99.96%	0.04%	0.04%	801	749	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	750	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	790	752	764
	Bina	0.00%	100.00%	0.00%	0.00%	795	750	776
	Champa	0.00%	97.67%	0.79%	0.79%	801	778	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	763	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	750	775
	Gwalior	0.00%	99.96%	0.04%	0.04%	801	748	778
	Indore	0.00%	100.00%	0.00%	0.00%	795	752	773
	Jabalpur	0.00%	99.97%	0.03%	0.03%	800	758	781
	Koradi	0.00%	100.00%	0.00%	0.00%	782	750	769
	Pune	0.00%	100.00%	0.00%	0.00%	800	740	770
	Raigarh PS (Kotra)	0.00%	97.31%	2.69%	2.69%	802	773	789
	Raipur PS (Durg)	0.00%	99.99%	0.01%	0.01%	804	763	784
	Sasan	0.00%	100.00%	0.00%	0.00%	777	752	766
	Satna	0.00%	100.00%	0.00%	0.00%	791	750	772
	Seoni	0.00%	100.00%	0.00%	0.00%	793	755	774
	Sipat	0.00%	100.00%	0.00%	0.00%	773	752	762
	Sholapur	0.00%	99.02%	0.98%	0.98%	814	762	784
Tamnar PS	0.00%	99.88%	0.12%	0.12%	801	774	789	
Tirora	0.00%	100.00%	0.00%	0.00%	775	751	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	756	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	754	767	
Wardha	0.00%	100.00%	0.00%	0.00%	800	762	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	764	776
	Raichur	0.00%	99.87%	0.13%	0.13%	807	762	781
	Kurnool	0.00%	99.88%	0.12%	0.12%	806	764	781
	Thiruvalam	0.00%	95.67%	4.33%	4.33%	806	775	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	776	787
	Gaya	0.00%	100.00%	0.00%	0.00%	789	753	771
	Jharsuguda	0.00%	97.22%	2.78%	2.78%	804	776	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	768	784
	Sasaram	0.25%	99.75%	0.00%	0.25%	788	726	761
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	408
	Balipara (400 kV)	0.00%	99.94%	0.06%	0.06%	425	388	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	390	407
	Misa (400 kV)	0.00%	84.00%	16.00%	16.00%	430	394	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	410

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