

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

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

Date: 16-Mar-2017

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	0.60
2	ER-NR	8	2.00	1.19
3	Import of NR	19	4.75	2.83
4	NEW-SR	40	10.00	5.95
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	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	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-Mar-2017 to 12-Mar-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%	99.95%	0.00%	0.00%	800	745	780
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	756	769
	Ballia	0.00%	100.00%	0.00%	0.00%	795	755	775
	Bhiwani	0.00%	75.25%	24.75%	24.75%	814	760	794
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	739	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	738	766
	Jhatikara	0.00%	81.16%	18.84%	18.84%	814	758	792
	Lucknow	0.00%	96.11%	3.89%	3.89%	801	753	780
	Meerut	0.00%	69.57%	26.39%	26.39%	815	764	794
	Moga	0.00%	81.84%	18.16%	18.16%	811	766	793
Phagi	0.00%	98.24%	1.76%	1.76%	803	753	785	
Unnao	0.00%	100.00%	0.00%	0.00%	784	732	762	
WR	Akola	0.00%	100.00%	0.00%	0.00%	799	752	775
	Aurangabad	0.00%	99.66%	0.34%	0.34%	806	750	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	754	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	754	765
	Bina	0.00%	100.00%	0.00%	0.00%	796	755	780
	Champa	0.00%	89.25%	5.48%	5.48%	805	781	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	767	783
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	747	776
	Gwalior	0.00%	98.69%	1.31%	1.31%	805	752	785
	Indore	0.00%	100.00%	0.00%	0.00%	798	757	775
	Jabalpur	0.00%	99.42%	0.58%	0.58%	804	760	786
	Koradi	0.00%	100.00%	0.00%	0.00%	783	751	768
	Pune	0.00%	100.00%	0.00%	0.00%	798	740	775
	Raigarh PS (Kotra)	0.00%	99.26%	0.74%	0.74%	803	778	792
	Raipur PS (Durg)	0.00%	94.51%	5.49%	5.49%	800	771	786
	Sasan	0.00%	100.00%	0.00%	0.00%	780	754	768
	Satna	0.00%	100.00%	0.00%	0.00%	789	755	774
	Seoni	0.00%	100.00%	0.00%	0.00%	796	758	776
	Sipat	0.00%	100.00%	0.00%	0.00%	772	754	763
	Sholapur	0.00%	98.59%	1.41%	1.41%	808	757	785
Tamnara PS	0.00%	99.88%	0.12%	0.12%	801	778	791	
Tirora	0.00%	100.00%	0.00%	0.00%	773	752	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	760	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	756	771	
Wardha	0.00%	99.14%	0.86%	0.86%	806	758	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	758	777
	Raichur	0.00%	99.87%	0.13%	0.13%	803	758	784
	Kurnool	0.00%	99.25%	0.75%	0.75%	804	762	787
	Thiruvalam	0.00%	94.96%	5.04%	5.04%	803	767	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	767	783
	Gaya	0.00%	100.00%	0.00%	0.00%	792	753	774
	Jharsuguda	0.00%	98.61%	1.39%	1.39%	801	776	792
	Ranchi	0.00%	99.99%	0.01%	0.01%	800	769	787
	Sasaram	0.17%	99.83%	0.00%	0.17%	792	726	761
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	408
	Balipara (400 kV)	0.00%	99.81%	0.19%	0.19%	422	388	404
	Bongaigaon (400 kV)	0.00%	99.95%	0.05%	0.05%	420	390	406
	Misa (400 kV)	0.00%	96.05%	3.95%	3.95%	428	395	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	394	407

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