

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

**System Reliability Indices Report for the week from  
20-Feb-2017 to 26-Feb-2017**

Date: 2-Mar-2017

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	13	3.25	1.93
2	ER-NR	0	0.00	0.00
3	Import of NR	30	7.50	4.46
4	NEW-SR	1	0.25	0.15
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 20-Feb-2017 to 26-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	749	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	760	770
	Ballia	0.00%	100.00%	0.00%	0.00%	785	756	769
	Bhiwani	0.00%	83.03%	16.97%	16.97%	808	769	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	765	765	765
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	743	764
	Jhatikara	0.00%	89.06%	10.94%	10.94%	807	750	788
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	758	779
	Meerut	0.00%	89.92%	6.88%	6.88%	812	762	790
	Moga	0.00%	99.80%	0.20%	0.20%	801	767	787
Phagi	0.00%	100.00%	0.00%	0.00%	798	763	781	
Unnao	0.00%	100.00%	0.00%	0.00%	781	745	764	
WR	Akola	0.00%	100.00%	0.00%	0.00%	798	757	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	744	772
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	752	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	753	764
	Bina	0.00%	100.00%	0.00%	0.00%	794	759	776
	Champa	0.00%	99.50%	0.00%	0.00%	800	778	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	764	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	748	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	758	779
	Indore	0.00%	100.00%	0.00%	0.00%	793	754	773
	Jabalpur	0.00%	99.98%	0.02%	0.02%	801	762	784
	Koradi	0.00%	100.00%	0.00%	0.00%	788	755	770
	Pune	0.00%	100.00%	0.00%	0.00%	798	742	775
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	800	773	788
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	763	783
	Sasan	0.00%	100.00%	0.00%	0.00%	777	758	767
	Satna	0.00%	100.00%	0.00%	0.00%	785	756	770
	Seoni	0.00%	100.00%	0.00%	0.00%	792	755	773
	Sipat	0.00%	100.00%	0.00%	0.00%	771	753	762
	Sholapur	0.00%	98.98%	1.02%	1.02%	805	752	782
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	774	787	
Tirora	0.00%	100.00%	0.00%	0.00%	775	753	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	759	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	756	769	
Wardha	0.00%	99.80%	0.20%	0.20%	804	759	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	760	773
	Raichur	0.00%	100.00%	0.00%	0.00%	799	757	778
	Kurnool	0.00%	100.00%	0.00%	0.00%	798	760	779
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	800	770	784
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	772	785
	Gaya	0.00%	100.00%	0.00%	0.00%	785	754	773
	Jharsuguda	0.00%	99.21%	0.79%	0.79%	801	774	791
	Ranchi	0.00%	98.63%	1.37%	1.37%	804	760	784
Sasaram	0.00%	100.00%	0.00%	0.00%	784	750	768	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	409
	Balipara (400 kV)	0.00%	99.39%	0.61%	0.61%	427	386	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	389	406
	Misa (400 kV)	0.00%	77.12%	22.88%	22.88%	433	394	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	410

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