

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

**System Reliability Indices Report for the week from
13-Feb-2017 to 19-Feb-2017**

Date: 24-Feb-2017

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	83	20.75	12.35
2	ER-NR	0	0.00	0.00
3	Import of NR	137	34.25	20.39
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	2	0.50	0.30
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	0.30
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 13-Feb-2017 to 19-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%	799	747	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	755	766
	Ballia	0.00%	100.00%	0.00%	0.00%	794	760	783
	Bhiwani	0.00%	84.75%	15.25%	15.25%	810	764	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	749	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	737	762
	Jhatikara	0.00%	88.79%	11.21%	11.21%	811	759	787
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	748	775
	Meerut	0.00%	93.82%	4.45%	4.45%	808	753	787
	Moga	0.00%	96.83%	3.17%	3.17%	806	760	786
Phagi	0.00%	99.90%	0.10%	0.10%	803	742	780	
Unnao	0.10%	99.90%	0.00%	0.10%	777	727	755	
WR	Akola	0.00%	99.99%	0.01%	0.01%	800	754	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	749	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	750	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	752	765
	Bina	0.00%	100.00%	0.00%	0.00%	796	756	776
	Champa	0.00%	97.81%	1.20%	1.20%	803	776	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	763	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	749	780
	Gwalior	0.00%	99.97%	0.03%	0.03%	801	752	778
	Indore	0.00%	100.00%	0.00%	0.00%	794	752	773
	Jabalpur	0.00%	99.88%	0.12%	0.12%	801	758	782
	Koradi	0.00%	100.00%	0.00%	0.00%	788	753	772
	Pune	0.00%	99.98%	0.00%	0.00%	800	737	770
	Raigarh PS (Kotra)	0.00%	96.59%	3.41%	3.41%	802	775	789
	Raipur PS (Durg)	0.00%	91.90%	8.10%	8.10%	800	772	785
	Sasan	0.00%	100.00%	0.00%	0.00%	779	755	768
	Satna	0.00%	100.00%	0.00%	0.00%	790	754	772
	Seoni	0.00%	100.00%	0.00%	0.00%	796	754	777
	Sipat	0.00%	100.00%	0.00%	0.00%	776	752	763
	Sholapur	0.00%	98.44%	1.56%	1.56%	810	763	786
Tamnara PS	0.00%	99.20%	0.80%	0.80%	801	775	788	
Tirora	0.00%	100.00%	0.00%	0.00%	778	753	766	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	760	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	758	771	
Wardha	0.00%	98.82%	1.18%	1.18%	803	761	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	762	777
	Raichur	0.00%	99.82%	0.18%	0.18%	805	764	783
	Kurmoor	0.00%	99.97%	0.03%	0.03%	801	766	783
	Thiruvalam	0.00%	88.32%	11.68%	11.68%	807	776	793
ER	Angul	0.00%	99.98%	0.02%	0.02%	800	770	787
	Gaya	0.00%	100.00%	0.00%	0.00%	790	753	773
	Jharsuguda	0.00%	96.19%	3.81%	3.81%	805	775	791
	Ranchi	0.00%	97.92%	2.08%	2.08%	805	772	786
Sasaram	0.02%	99.98%	0.00%	0.02%	784	727	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	408
	Balipara (400 kV)	0.00%	99.76%	0.24%	0.24%	430	386	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	391	406
	Misa (400 kV)	0.00%	82.56%	17.44%	17.44%	436	395	414
	Silchar (400 kV)	0.20%	99.80%	0.00%	0.20%	419	348	408

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