

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

**System Reliability Indices Report for the week from
09-Jan-2017 to 15-Jan-2017**

Date: 19-Jan-2017

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	138	34.50	20.54
2	ER-NR	0	0.00	0.00
3	Import of NR	28	7.00	4.17
4	NEW-SR	26	6.50	3.87
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	20	5.00	2.98
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 09-Jan-2017 to 15-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%	796	744	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	750	763
	Ballia	0.00%	100.00%	0.00%	0.00%	792	751	769
	Bhiwani	0.00%	94.22%	5.78%	5.78%	805	762	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	754	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	734	757
	Jhatikara	0.00%	90.31%	9.69%	9.69%	812	755	782
	Lucknow	0.00%	97.45%	2.55%	2.55%	804	762	783
	Meerut	0.00%	91.57%	5.76%	5.76%	811	759	786
	Moga	0.00%	98.56%	1.44%	1.44%	808	762	785
Phagi	0.00%	99.94%	0.06%	0.06%	802	751	777	
Unnao	0.04%	99.96%	0.00%	0.04%	781	724	754	
WR	Akola	0.00%	99.99%	0.01%	0.01%	801	753	776
	Aurangabad	0.00%	99.92%	0.08%	0.08%	802	748	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	743	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	748	763
	Bina	0.00%	99.99%	0.01%	0.01%	800	747	777
	Champa	0.00%	93.61%	4.02%	4.02%	806	773	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	795	760	779
	Dhule (BDTCL)	0.00%	99.99%	0.01%	0.01%	801	739	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	749	776
	Indore	0.00%	100.00%	0.00%	0.00%	795	746	775
	Jabalpur	0.00%	99.57%	0.43%	0.43%	803	750	781
	Koradi	0.00%	100.00%	0.00%	0.00%	787	751	770
	Pune	0.00%	99.70%	0.00%	0.00%	800	739	771
	Raigarh PS (Kotra)	0.00%	88.98%	11.02%	11.02%	805	772	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	799	766	784
	Sasan	0.00%	100.00%	0.00%	0.00%	784	750	768
	Satna	0.00%	100.00%	0.00%	0.00%	796	746	772
	Seoni	0.00%	100.00%	0.00%	0.00%	795	748	774
	Sipat	0.00%	100.00%	0.00%	0.00%	774	748	761
	Sholapur	0.00%	96.78%	3.22%	3.22%	809	757	785
Tamnara PS	0.00%	96.18%	3.82%	3.82%	803	773	790	
Tirora	0.00%	100.00%	0.00%	0.00%	777	752	766	
Vadodara	0.00%	99.80%	0.20%	0.20%	802	755	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	785	753	771	
Wardha	0.00%	99.03%	0.97%	0.97%	805	756	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	767	783
	Raichur	0.00%	99.30%	0.70%	0.70%	805	759	783
	Kurmoor	0.00%	98.67%	1.33%	1.33%	805	763	784
	Thiruvalam	0.00%	64.25%	35.75%	35.75%	816	776	795
ER	Angul	0.00%	99.99%	0.01%	0.01%	800	766	784
	Gaya	0.00%	100.00%	0.00%	0.00%	790	747	770
	Jharsuguda	0.00%	96.43%	3.57%	3.57%	804	772	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	764	783
Sasaram	0.00%	100.00%	0.00%	0.00%	791	729	756	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	410
	Balipara (400 kV)	0.00%	99.69%	0.31%	0.31%	427	388	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	408
	Misa (400 kV)	0.00%	81.79%	18.21%	18.21%	430	396	414
	Silchar (400 kV)	0.00%	91.70%	8.30%	8.30%	428	402	414

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