

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

**System Reliability Indices Report for the week from
26-Dec-2016 to 01-Jan-2017**

Date: 5-Jan-2017

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	68	17.00	10.12
2	ER-NR	0	0.00	0.00
3	Import of NR	69	17.25	10.27
4	NEW-SR	64	16.00	9.52
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	13	3.25	1.93
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 26-Dec-2016 to 01-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	750	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	753	764
	Ballia	0.00%	100.00%	0.00%	0.00%	792	754	774
	Bhiwani	0.00%	80.19%	19.81%	19.81%	811	766	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	758	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	740	761
	Jhatikara	0.00%	84.56%	15.44%	15.44%	810	763	788
	Lucknow	0.00%	93.51%	6.49%	6.49%	805	763	783
	Meerut	0.00%	92.29%	5.82%	5.82%	816	760	788
	Moga	0.00%	99.55%	0.45%	0.45%	890	758	784
Phagi	0.00%	99.93%	0.07%	0.07%	803	753	779	
Unnao	0.00%	100.00%	0.00%	0.00%	777	735	757	
WR	Akola	0.02%	99.98%	0.00%	0.02%	793	728	769
	Aurangabad	0.00%	99.53%	0.47%	0.47%	804	751	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	749	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	753	766
	Bina	0.00%	100.00%	0.00%	0.00%	796	756	777
	Champa	0.00%	83.93%	11.38%	11.38%	806	776	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	798	762	783
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	740	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	755	778
	Indore	0.00%	100.00%	0.00%	0.00%	791	746	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	781	781	781
	Koradi	0.00%	100.00%	0.00%	0.00%	782	732	759
	Pune	0.00%	99.73%	0.00%	0.00%	800	742	774
	Raigarh PS (Kotra)	0.00%	99.11%	0.89%	0.89%	803	775	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	767	785
	Sasan	0.00%	100.00%	0.00%	0.00%	778	753	765
	Satna	0.00%	100.00%	0.00%	0.00%	794	751	771
	Seoni	0.00%	100.00%	0.00%	0.00%	799	753	776
	Sipat	0.00%	100.00%	0.00%	0.00%	779	753	765
	Sholapur	0.00%	94.93%	5.07%	5.07%	811	759	788
Tamnara PS	0.00%	99.81%	0.19%	0.19%	802	776	790	
Tirora	0.00%	100.00%	0.00%	0.00%	773	740	757	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	756	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	755	768	
Wardha	0.00%	99.42%	0.58%	0.58%	807	759	785	
SR	Nellore PS	0.00%	80.52%	19.48%	19.48%	812	774	793
	Raichur	0.00%	97.59%	2.41%	2.41%	809	765	788
	Kurnool	0.00%	79.50%	20.50%	20.50%	812	772	793
	Thiruvalam	0.00%	38.33%	61.67%	61.67%	819	785	802
ER	Angul	0.00%	94.43%	5.57%	5.57%	805	766	788
	Gaya	0.00%	100.00%	0.00%	0.00%	795	756	775
	Jharsuguda	0.00%	84.42%	15.58%	15.58%	807	772	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	799	768	785
Sasaram	0.00%	100.00%	0.00%	0.00%	784	733	754	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	410
	Balipara (400 kV)	0.00%	97.76%	2.24%	2.24%	423	390	410
	Bongaigaon (400 kV)	0.00%	99.99%	0.01%	0.01%	420	395	409
	Misa (400 kV)	0.00%	68.16%	31.84%	31.84%	430	398	417
	Silchar (400 kV)	0.00%	84.59%	15.41%	15.41%	426	400	414

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