

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

**System Reliability Indices Report for the week from
19-Dec-2016 to 25-Dec-2016**

Date: 28-Dec-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	44	11.00	6.55
2	ER-NR	11	2.75	1.64
3	Import of NR	96	24.00	14.29
4	NEW-SR	22	5.50	3.27
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	7	1.75	1.04
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 19-Dec-2016 to 25-Dec-2016

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	747	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	750	761
	Ballia	0.00%	100.00%	0.00%	0.00%	797	748	771
	Bhiwani	0.00%	78.55%	21.45%	21.45%	812	764	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	746	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	732	758
	Jhatikara	0.00%	84.77%	15.23%	15.23%	810	760	788
	Lucknow	0.00%	97.55%	2.45%	2.45%	806	749	777
	Meerut	0.00%	93.78%	4.54%	4.54%	812	758	785
	Moga	0.00%	97.38%	2.62%	2.62%	808	751	784
Phagi	0.00%	99.70%	0.30%	0.30%	801	758	781	
Unnao	0.04%	99.96%	0.00%	0.04%	784	727	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	741	770
	Aurangabad	0.00%	99.82%	0.18%	0.18%	803	750	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	741	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	750	764
	Bina	0.00%	100.00%	0.00%	0.00%	797	752	776
	Champa	0.00%	96.59%	2.21%	2.21%	803	771	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	797	757	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	744	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	754	778
	Indore	0.00%	100.00%	0.00%	0.00%	792	744	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	760	778
	Koradi	0.00%	100.00%	0.00%	0.00%	774	737	760
	Pune	0.00%	99.52%	0.00%	0.00%	800	740	772
	Raigarh PS (Kotra)	0.00%	97.97%	2.03%	2.03%	804	776	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	769	784
	Sasan	0.00%	100.00%	0.00%	0.00%	777	753	766
	Satna	0.00%	100.00%	0.00%	0.00%	789	751	772
	Seoni	0.00%	100.00%	0.00%	0.00%	797	753	775
	Sipat	0.00%	100.00%	0.00%	0.00%	777	751	763
	Sholapur	0.00%	96.64%	3.36%	3.36%	811	761	787
Tamnar PS	0.00%	98.60%	1.40%	1.40%	803	778	790	
Tirora	0.00%	100.00%	0.00%	0.00%	770	742	758	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	758	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	756	769	
Wardha	0.00%	99.63%	0.37%	0.37%	806	746	785	
SR	Nellore PS	0.00%	99.83%	0.17%	0.17%	801	771	785
	Raichur	0.00%	99.60%	0.40%	0.40%	804	765	786
	Kurnool	0.00%	94.12%	5.88%	5.88%	808	774	790
	Thiruvalam	0.00%	70.02%	29.98%	29.98%	815	782	795
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	768	780
	Gaya	0.00%	99.94%	0.06%	0.06%	801	752	775
	Jharsuguda	0.00%	97.72%	2.28%	2.28%	804	771	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	762	781
Sasaram	0.14%	99.86%	0.00%	0.14%	783	725	757	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	409
	Balipara (400 kV)	0.00%	99.20%	0.80%	0.80%	426	391	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	389	407
	Misa (400 kV)	0.00%	70.07%	29.93%	29.93%	432	399	417
	Silchar (400 kV)	0.00%	93.03%	6.97%	6.97%	423	395	412

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