

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

**System Reliability Indices Report for the week from
05-Dec-2016 to 11-Dec-2016**

Date: 15-Dec-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	61	15.25	9.08
2	ER-NR	0	0.00	0.00
3	Import of NR	86	21.50	12.80
4	NEW-SR	176	44.00	26.19
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	4	1.00	0.60
4	NEW-SR	3	0.75	0.45
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 05-Dec-2016 to 11-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	746	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	751	764
	Ballia	0.00%	100.00%	0.00%	0.00%	797	749	767
	Bhiwani	0.00%	77.65%	22.35%	22.35%	811	760	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	731	759
	Jhatikara	0.00%	72.07%	27.93%	27.93%	812	758	787
	Lucknow	0.00%	86.33%	13.67%	13.67%	809	759	783
	Meerut	0.00%	85.50%	12.40%	12.40%	812	760	785
	Moga	0.00%	98.68%	1.32%	1.32%	803	744	778
Phagi	0.00%	99.89%	0.11%	0.11%	802	739	779	
Unnao	0.00%	100.00%	0.00%	0.00%	784	729	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	741	767
	Aurangabad	0.00%	99.77%	0.23%	0.23%	804	736	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	740	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	748	761
	Bina	0.00%	100.00%	0.00%	0.00%	795	749	773
	Champa	0.00%	93.52%	3.48%	3.48%	805	778	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	753	767
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	742	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	751	777
	Indore	0.00%	100.00%	0.00%	0.00%	793	743	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	748	773
	Koradi	0.00%	100.00%	0.00%	0.00%	769	733	757
	Pune	0.04%	99.75%	0.00%	0.04%	800	727	772
	Raigarh PS (Kotra)	0.00%	97.50%	2.50%	2.50%	805	773	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	762	779
	Sasan	0.00%	100.00%	0.00%	0.00%	778	752	765
	Satna	0.00%	100.00%	0.00%	0.00%	793	751	771
	Seoni	0.00%	100.00%	0.00%	0.00%	792	745	770
	Sipat	0.00%	100.00%	0.00%	0.00%	773	749	761
	Sholapur	0.00%	97.78%	2.22%	2.22%	815	746	783
Tamnar PS	0.00%	98.53%	1.47%	1.47%	804	775	787	
Tirora	0.00%	100.00%	0.00%	0.00%	765	742	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	751	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	758	768	
Wardha	0.00%	99.52%	0.48%	0.48%	806	748	780	
SR	Nellore PS	0.00%	99.61%	0.39%	0.39%	803	766	784
	Raichur	0.00%	99.33%	0.67%	0.67%	804	757	783
	Kurnool	0.00%	92.73%	7.27%	7.27%	808	769	789
	Thiruvalam	0.00%	62.22%	37.78%	37.78%	818	777	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	764	777
	Gaya	0.00%	100.00%	0.00%	0.00%	795	752	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	768	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	760	776
Sasaram	1.03%	98.97%	0.00%	1.03%	795	719	751	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	410
	Balipara (400 kV)	0.00%	99.55%	0.45%	0.45%	424	388	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	407
	Misa (400 kV)	0.00%	62.89%	37.11%	37.11%	430	398	417
	Silchar (400 kV)	0.00%	93.63%	6.37%	6.37%	422	399	414

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