

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

**Date of Reporting: 14-Dec-16
System Reliability Indices Report for: 13-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	23	5.75	23.96
2	ER-NR	0	0.00	0.00
3	Import of NR	37	9.25	38.54
4	NEW-SR	8	2.00	8.33
5	NER Import	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	2	0.50	2.08
4	NEW-SR	0	0.00	0.00
4	NER Import	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 day of 13-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%	793	756	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	747	758
	Ballia	0.00%	100.00%	0.00%	0.00%	779	755	763
	Bhiwani	0.00%	83.40%	16.60%	16.60%	809	767	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	751	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	738	755
	Jhatikara	0.00%	86.46%	13.54%	13.54%	808	769	786
	Lucknow	0.00%	94.44%	5.56%	5.56%	802	761	781
	Meerut	0.00%	94.44%	4.17%	4.17%	804	766	786
	Moga	0.00%	100.00%	0.00%	0.00%	799	761	782
Phagi	0.00%	100.00%	0.00%	0.00%	799	768	780	
Unnao	0.00%	100.00%	0.00%	0.00%	771	728	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	780	744	767
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	751	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	761	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	755	765
	Bina	0.00%	100.00%	0.00%	0.00%	787	764	777
	Champa	0.00%	66.25%	29.51%	29.51%	808	788	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	763	769
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	785	785
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	764	778
	Indore	0.00%	100.00%	0.00%	0.00%	792	756	773
	Jabalpur	0.00%	93.47%	6.53%	6.53%	802	772	784
	Koradi	0.00%	100.00%	0.00%	0.00%	768	736	756
	Pune	0.00%	100.00%	0.00%	0.00%	792	753	776
	Raigarh PS (Kotra)	0.00%	73.40%	26.60%	26.60%	807	788	796
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	779	789
	Sasan	0.00%	100.00%	0.00%	0.00%	777	759	766
	Satna	0.00%	100.00%	0.00%	0.00%	788	759	771
	Seoni	0.00%	100.00%	0.00%	0.00%	793	763	777
	Sipat	0.00%	100.00%	0.00%	0.00%	774	755	763
	Sholapur	0.00%	96.88%	3.13%	3.13%	803	773	789
Tamnar PS	0.00%	73.61%	26.39%	26.39%	806	789	796	
Tirora	0.00%	100.00%	0.00%	0.00%	764	742	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	789	789	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	763	768	
Wardha	0.00%	99.86%	0.14%	0.14%	801	764	786	
SR	Nellore PS	0.00%	94.10%	5.90%	5.90%	802	771	787
	Raichur	0.00%	99.93%	0.07%	0.07%	801	761	786
	Kurmoal	0.00%	86.94%	13.06%	13.06%	805	768	791
	Thiruvalam	0.00%	35.24%	64.76%	64.76%	819	785	805
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	765	782
	Gaya	0.00%	100.00%	0.00%	0.00%	790	756	771
	Jharsuguda	0.00%	93.06%	6.94%	6.94%	802	778	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	771	780
Sasaram	0.14%	99.86%	0.00%	0.14%	765	728	743	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	406
	Misa (400 kV)	0.00%	69.58%	30.42%	30.42%	423	404	418
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	413

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