

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

**Date of Reporting: 12-Dec-16
System Reliability Indices Report for: 11-Dec-16**

Percentage (%) of times ATC 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	9	2.25	9.38
4	NEW-SR	2	0.50	2.08
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	0	0.00	0.00
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 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	756	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	760	765
	Ballia	0.00%	100.00%	0.00%	0.00%	797	760	776
	Bhiwani	0.00%	76.60%	23.40%	23.40%	811	771	792
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	743	760
	Jhatikara	0.00%	81.74%	18.26%	18.26%	812	769	790
	Lucknow	0.00%	83.47%	16.53%	16.53%	808	770	786
	Meerut	0.00%	91.39%	5.28%	5.28%	805	764	789
	Moga	0.00%	100.00%	0.00%	0.00%	800	764	785
Phagi	0.00%	99.24%	0.76%	0.76%	802	739	783	
Unnao	0.00%	100.00%	0.00%	0.00%	780	743	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	756	769
	Aurangabad	0.00%	99.79%	0.21%	0.21%	802	761	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	749	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	753	763
	Bina	0.00%	100.00%	0.00%	0.00%	795	758	776
	Champa	0.00%	77.08%	16.60%	16.60%	805	786	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	763	763	763
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	759	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	761	779
	Indore	0.00%	100.00%	0.00%	0.00%	786	749	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	764	781
	Koradi	0.00%	100.00%	0.00%	0.00%	769	749	759
	Pune	0.00%	98.54%	0.00%	0.00%	800	757	775
	Raigarh PS (Kotra)	0.00%	85.49%	14.51%	14.51%	805	786	795
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	779	787
	Sasan	0.00%	100.00%	0.00%	0.00%	778	756	766
	Satna	0.00%	100.00%	0.00%	0.00%	787	756	771
	Seoni	0.00%	100.00%	0.00%	0.00%	791	756	774
	Sipat	0.00%	100.00%	0.00%	0.00%	772	754	762
	Sholapur	0.00%	94.03%	5.97%	5.97%	815	768	787
Tamnar PS	0.00%	91.53%	8.47%	8.47%	804	786	795	
Tirora	0.00%	100.00%	0.00%	0.00%	765	751	758	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	759	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	761	769	
Wardha	0.00%	99.72%	0.28%	0.28%	801	769	784	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	776	786
	Raichur	0.00%	98.89%	1.11%	1.11%	804	770	787
	Kurnool	0.00%	93.40%	6.60%	6.60%	805	777	792
	Thiruvalam	0.00%	37.92%	62.08%	62.08%	808	788	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	773	781
	Gaya	0.00%	100.00%	0.00%	0.00%	795	757	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	778	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	768	780
Sasaram	0.00%	100.00%	0.00%	0.00%	769	730	749	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410
	Balipara (400 kV)	0.00%	99.65%	0.35%	0.35%	421	399	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	408
	Misa (400 kV)	0.00%	64.79%	35.21%	35.21%	427	407	418
	Silchar (400 kV)	0.00%	87.22%	12.78%	12.78%	422	404	415

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