

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

**Date of Reporting: 17-Dec-16
System Reliability Indices Report for: 16-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	0	0.00	0.00
4	NEW-SR	10	2.50	10.42
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	3	0.75	3.13
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 16-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%	791	747	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	752	759
	Ballia	0.00%	100.00%	0.00%	0.00%	788	749	767
	Bhiwani	0.00%	75.63%	24.38%	24.38%	810	758	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	750	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	736	754
	Jhatikara	0.00%	80.49%	19.51%	19.51%	810	755	783
	Lucknow	0.00%	99.44%	0.56%	0.56%	802	757	776
	Meerut	0.00%	83.89%	13.19%	13.19%	809	758	783
	Moga	0.00%	98.54%	1.46%	1.46%	801	753	779
Phagi	0.00%	99.58%	0.42%	0.42%	801	747	779	
Unnao	0.49%	99.51%	0.00%	0.49%	780	727	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	753	770
	Aurangabad	0.00%	99.44%	0.56%	0.56%	802	765	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	745	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	755	765
	Bina	0.00%	100.00%	0.00%	0.00%	795	756	778
	Champa	0.00%	100.00%	0.00%	0.00%	798	778	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	769	781
	Dhule (BDTCL)	0.00%	99.65%	0.35%	0.35%	801	764	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	754	777
	Indore	0.00%	100.00%	0.00%	0.00%	798	748	777
	Jabalpur	0.00%	99.93%	0.07%	0.07%	800	766	784
	Koradi	0.00%	100.00%	0.00%	0.00%	773	742	757
	Pune	0.00%	100.00%	0.00%	0.00%	795	749	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	799	777	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	769	782
	Sasan	0.00%	100.00%	0.00%	0.00%	776	755	766
	Satna	0.00%	100.00%	0.00%	0.00%	786	754	772
	Seoni	0.00%	100.00%	0.00%	0.00%	791	760	776
	Sipat	0.00%	100.00%	0.00%	0.00%	771	755	763
	Sholapur	0.00%	97.99%	2.01%	2.01%	804	770	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	778	790	
Tirora	0.00%	100.00%	0.00%	0.00%	767	746	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	764	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	758	769	
Wardha	0.00%	99.38%	0.63%	0.63%	802	771	785	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	776	786
	Raichur	0.00%	99.58%	0.42%	0.42%	802	773	787
	Kurnool	0.00%	85.42%	14.58%	14.58%	804	779	792
	Thiruvalam	0.00%	54.58%	45.42%	45.42%	814	790	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	773	786
	Gaya	0.00%	100.00%	0.00%	0.00%	786	753	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	779	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	770	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	774	729	751
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	408
	Balipara (400 kV)	0.00%	99.17%	0.83%	0.83%	424	386	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	384	402
	Misa (400 kV)	0.00%	80.49%	19.51%	19.51%	432	394	412
	Silchar (400 kV)	0.00%	98.26%	1.74%	1.74%	421	391	410

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