

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

**Date of Reporting: 16-Dec-16
System Reliability Indices Report for: 15-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	Import of NR	27	6.75	28.13
4	NEW-SR	17	4.25	17.71
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	2	0.50	2.08
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 15-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	750	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	752	760
	Ballia	0.00%	100.00%	0.00%	0.00%	790	755	770
	Bhiwani	0.00%	79.62%	20.38%	20.38%	811	757	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	751	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	739	757
	Jhatikara	0.00%	81.25%	18.75%	18.75%	809	756	782
	Lucknow	0.00%	96.67%	3.33%	3.33%	801	763	779
	Meerut	0.00%	85.00%	8.96%	8.96%	807	760	783
	Moga	0.00%	96.32%	3.68%	3.68%	803	751	778
Phagi	0.00%	100.00%	0.00%	0.00%	797	759	778	
Unnao	0.00%	100.00%	0.00%	0.00%	781	733	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	779	756	770
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	750	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	751	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	755	763
	Bina	0.00%	100.00%	0.00%	0.00%	791	762	775
	Champa	0.00%	100.00%	0.00%	0.00%	796	779	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	771	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	758	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	761	776
	Indore	0.00%	100.00%	0.00%	0.00%	786	754	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	770	782
	Koradi	0.00%	100.00%	0.00%	0.00%	767	751	760
	Pune	0.00%	99.93%	0.00%	0.00%	800	738	771
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	794	777	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	787	769	775
	Sasan	0.00%	100.00%	0.00%	0.00%	774	760	765
	Satna	0.00%	100.00%	0.00%	0.00%	785	762	771
	Seoni	0.00%	100.00%	0.00%	0.00%	787	758	773
	Sipat	0.00%	100.00%	0.00%	0.00%	770	755	762
	Sholapur	0.00%	97.01%	2.99%	2.99%	807	759	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	793	778	785	
Tirora	0.00%	100.00%	0.00%	0.00%	763	752	758	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	760	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	763	768	
Wardha	0.00%	100.00%	0.00%	0.00%	795	758	781	
SR	Nellore PS	0.00%	99.31%	0.69%	0.69%	802	773	787
	Raichur	0.00%	97.08%	2.92%	2.92%	804	764	787
	Kurnool	0.00%	76.46%	23.54%	23.54%	809	772	792
	Thiruvalam	0.00%	51.88%	48.13%	48.13%	820	786	802
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	773	785
	Gaya	0.00%	100.00%	0.00%	0.00%	788	757	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	781	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	766	779
	Sasaram	0.14%	99.86%	0.00%	0.14%	782	728	754
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	409
	Balipara (400 kV)	0.00%	93.82%	6.18%	6.18%	425	395	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	390	405
	Misa (400 kV)	0.00%	55.90%	44.10%	44.10%	431	403	417
	Silchar (400 kV)	0.00%	90.14%	9.86%	9.86%	422	399	413

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