

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

Date of Reporting: **23-Dec-16**
System Reliability Indices Report for: **22-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	9	2.25	9.38
3	Import of NR	7	1.75	7.29
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 22-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	755	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	752	759
	Ballia	0.00%	100.00%	0.00%	0.00%	787	753	772
	Bhiwani	0.00%	79.44%	20.56%	20.56%	810	772	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	758	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	742	762
	Jhatikara	0.00%	82.29%	17.71%	17.71%	809	769	788
	Lucknow	0.00%	98.61%	1.39%	1.39%	801	764	779
	Meerut	0.00%	94.24%	3.82%	3.82%	807	769	787
	Moga	0.00%	91.74%	8.26%	8.26%	803	767	786
Phagi	0.00%	100.00%	0.00%	0.00%	800	767	783	
Unnao	0.00%	100.00%	0.00%	0.00%	781	731	750	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	753	772
	Aurangabad	0.00%	99.86%	0.14%	0.14%	802	756	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	753	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	757	765
	Bina	0.00%	100.00%	0.00%	0.00%	792	757	778
	Champa	0.00%	100.00%	0.00%	0.00%	797	781	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	770	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	757	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	758	779
	Indore	0.00%	100.00%	0.00%	0.00%	792	754	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	774	776
	Koradi	0.00%	100.00%	0.00%	0.00%	773	749	762
	Pune	0.00%	98.54%	0.00%	0.00%	800	745	776
	Raigarh PS (Kotra)	0.00%	87.99%	12.01%	12.01%	804	784	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	797	779	789
	Sasan	0.00%	100.00%	0.00%	0.00%	777	755	765
	Satna	0.00%	100.00%	0.00%	0.00%	785	753	771
	Seoni	0.00%	100.00%	0.00%	0.00%	790	760	775
	Sipat	0.00%	100.00%	0.00%	0.00%	773	757	764
	Sholapur	0.00%	95.21%	4.79%	4.79%	808	763	788
Tamnara PS	0.00%	90.90%	9.10%	9.10%	803	785	793	
Tirora	0.00%	100.00%	0.00%	0.00%	768	751	760	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	764	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	760	768	
Wardha	0.00%	99.65%	0.35%	0.35%	802	765	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	775	783
	Raichur	0.00%	99.86%	0.14%	0.14%	802	770	786
	Kurnool	0.00%	98.68%	1.32%	1.32%	806	779	791
	Thiruvalam	0.00%	66.81%	33.19%	33.19%	811	787	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	770	780
	Gaya	0.00%	100.00%	0.00%	0.00%	790	757	775
	Jharsuguda	0.00%	95.14%	4.86%	4.86%	803	781	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	770	782
Sasaram	0.00%	100.00%	0.00%	0.00%	782	735	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	409
	Balipara (400 kV)	0.00%	98.61%	1.39%	1.39%	426	398	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	394	406
	Misa (400 kV)	0.00%	79.24%	20.76%	20.76%	432	406	417
	Silchar (400 kV)	0.00%	96.39%	3.61%	3.61%	422	400	412

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