

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

Date of Reporting:
System Reliability Indices Report for: **30-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	13	3.25	13.54
2	ER-NR	0	0.00	0.00
3	Import of NR	15	3.75	15.63
4	NEW-SR	33	8.25	34.38
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	6	1.50	6.25
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 30-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%	790	752	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	757	765
	Ballia	0.00%	100.00%	0.00%	0.00%	789	760	776
	Bhiwani	0.00%	75.42%	24.58%	24.58%	805	769	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	744	763
	Jhatikara	0.00%	84.31%	15.69%	15.69%	805	765	788
	Lucknow	0.00%	91.18%	8.82%	8.82%	803	769	787
	Meerut	0.00%	82.50%	13.26%	13.26%	810	766	789
	Moga	0.00%	98.61%	1.39%	1.39%	801	766	785
Phagi	0.00%	100.00%	0.00%	0.00%	798	757	778	
Unnao	0.00%	100.00%	0.00%	0.00%	775	740	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	751	769
	Aurangabad	0.00%	99.65%	0.35%	0.35%	803	759	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	752	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	756	765
	Bina	0.00%	100.00%	0.00%	0.00%	790	758	775
	Champa	0.00%	97.22%	0.00%	0.00%	800	786	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	774	783
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	776	786
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	756	776
	Indore	0.00%	100.00%	0.00%	0.00%	786	754	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	781	781	781
	Koradi	0.00%	100.00%	0.00%	0.00%	769	746	758
	Pune	0.00%	100.00%	0.00%	0.00%	800	750	774
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	782	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	787	778	783
	Sasan	0.00%	100.00%	0.00%	0.00%	774	754	763
	Satna	0.00%	100.00%	0.00%	0.00%	784	752	767
	Seoni	0.00%	100.00%	0.00%	0.00%	787	761	774
	Sipat	0.00%	100.00%	0.00%	0.00%	770	756	763
	Sholapur	0.00%	92.71%	7.29%	7.29%	806	767	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	796	782	789	
Tirora	0.00%	100.00%	0.00%	0.00%	765	748	757	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	764	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	758	765	
Wardha	0.00%	99.51%	0.49%	0.49%	804	766	783	
SR	Nellore PS	0.00%	77.01%	22.99%	22.99%	811	779	794
	Raichur	0.00%	97.22%	2.78%	2.78%	803	772	787
	Kurnool	0.00%	78.89%	21.11%	21.11%	809	776	793
	Thiruvalam	0.00%	42.36%	57.64%	57.64%	819	793	803
ER	Angul	0.00%	98.75%	1.25%	1.25%	801	781	791
	Gaya	0.00%	100.00%	0.00%	0.00%	787	762	777
	Jharsuguda	0.00%	84.10%	15.90%	15.90%	803	787	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	777	789
Sasaram	0.00%	100.00%	0.00%	0.00%	768	747	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	410
	Balipara (400 kV)	0.00%	99.86%	0.14%	0.14%	420	396	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	408
	Misa (400 kV)	0.00%	58.19%	41.81%	41.81%	427	403	418
	Silchar (400 kV)	0.00%	89.65%	10.35%	10.35%	423	400	412

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