

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

Date of Reporting: **30-Dec-17**  
System Reliability Indices Report for: **29-Dec-17**

**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	0	0.00	0.00
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 29-Dec-2017

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%	798	770	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	773	777
	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	772	776
	Anta	0.00%	100.00%	0.00%	0.00%	784	766	777
	Ballia	0.00%	100.00%	0.00%	0.00%	795	768	779
	Bhiwani	0.00%	82.50%	17.50%	17.50%	802	777	792
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	760	775
	Greater Noida	0.00%	75.30%	24.70%	24.70%	805	782	795
	Jhatikara	0.00%	49.27%	50.73%	50.73%	805	783	798
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	750	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	772	784
	Lalitpur	0.00%	100.00%	0.00%	0.00%	780	763	773
	Meerut	0.00%	75.51%	16.82%	16.82%	809	774	793
	Moga	0.00%	100.00%	0.00%	0.00%	798	761	779
	Phagi	0.00%	100.00%	0.00%	0.00%	795	765	781
Varanasi	0.00%	99.79%	0.21%	0.21%	800	777	787	
Unnao	0.00%	100.00%	0.00%	0.00%	784	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	762	775
	Aurangabad	0.00%	99.16%	0.84%	0.84%	803	772	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	756	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	756	762
	Bina	0.00%	100.00%	0.00%	0.00%	787	761	775
	Champa	0.00%	91.21%	4.61%	4.61%	803	788	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	766	773
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	758	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	768	781
	Indore	0.00%	100.00%	0.00%	0.00%	784	756	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	765	778
	Koradi	0.00%	100.00%	0.00%	0.00%	779	760	769
	Pune	0.00%	100.00%	0.00%	0.00%	798	756	777
	Raigarh Pooling	0.00%	98.74%	1.26%	1.26%	801	788	795
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	777	787
	Sasan	0.00%	100.00%	0.00%	0.00%	772	757	764
	Seoni	0.00%	100.00%	0.00%	0.00%	788	761	776
	Sipat	0.00%	100.00%	0.00%	0.00%	767	755	761
	Solapur	0.00%	87.61%	12.39%	12.39%	805	776	792
	Tamnar	0.00%	100.00%	0.00%	0.00%	800	788	795
	Tirora	0.00%	100.00%	0.00%	0.00%	773	758	765
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	773	782
	Kurnool	0.00%	92.39%	7.61%	7.61%	806	771	787
	Nellore PS	0.00%	95.39%	4.61%	4.61%	805	772	787
	Raichur	0.00%	92.88%	7.12%	7.12%	804	775	787
Srikakulam	0.00%	99.65%	0.35%	0.35%	802	776	790	
Thiruvalam	0.00%	55.81%	44.19%	44.19%	818	779	798	
Vemagiri	0.00%	100.00%	0.00%	0.00%	797	770	785	
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	773	785
	Gaya	0.00%	100.00%	0.00%	0.00%	792	763	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	776	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	773	783
Sasaram	0.00%	100.00%	0.00%	0.00%	738	738	738	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	411
	Bongaigaon TPS (400 kV)	0.00%	92.72%	7.28%	7.28%	422	405	414
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	411	405
	Misa (400 kV)	0.00%	90.62%	9.38%	9.38%	423	401	414
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	409
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	412	

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