

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

Date of Reporting: **28-Dec-17**  
System Reliability Indices Report for: **27-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 27-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%	99.93%	0.00%	0.00%	800	765	782
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	769	775
	Anpara-D	0.00%	100.00%	0.00%	0.00%	784	766	773
	Anta	0.00%	100.00%	0.00%	0.00%	791	761	777
	Ballia	0.00%	100.00%	0.00%	0.00%	797	750	775
	Bhiwani	0.00%	93.75%	6.25%	6.25%	803	776	791
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	757	771
	Greater Noida	0.00%	85.97%	14.03%	14.03%	808	777	792
	Jhatikara	0.00%	85.07%	14.93%	14.93%	809	775	792
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	750	754	758
	Lucknow	0.00%	99.86%	0.14%	0.14%	800	763	782
	Lalitpur	0.00%	100.00%	0.00%	0.00%	780	761	772
	Meerut	0.00%	87.57%	8.96%	8.96%	810	775	792
	Moga	0.00%	99.44%	0.56%	0.56%	802	763	781
	Phagi	0.00%	100.00%	0.00%	0.00%	795	763	779
Varanasi	0.00%	100.00%	0.00%	0.00%	793	789	793	
Unnao	0.00%	100.00%	0.00%	0.00%	784	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	753	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	767	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	754	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	758	767
	Bina	0.00%	100.00%	0.00%	0.00%	787	758	775
	Champa	0.00%	98.54%	0.07%	0.07%	801	786	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	767	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	762	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	760	780
	Indore	0.00%	100.00%	0.00%	0.00%	790	763	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	763	778
	Koradi	0.00%	100.00%	0.00%	0.00%	775	753	765
	Pune	0.00%	100.00%	0.00%	0.00%	789	744	771
	Raigarh Pooling	0.00%	98.26%	1.74%	1.74%	801	788	796
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	777	786
	Sasan	0.00%	100.00%	0.00%	0.00%	771	756	766
	Seoni	0.00%	100.00%	0.00%	0.00%	789	763	777
	Sipat	0.00%	100.00%	0.00%	0.00%	770	759	766
	Solapur	0.00%	100.00%	0.00%	0.00%	800	769	786
	Tamnar	0.00%	99.86%	0.14%	0.14%	800	788	795
	Tirora	0.00%	100.00%	0.00%	0.00%	770	753	763
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	768	780
	Kurnool	0.00%	98.54%	1.46%	1.46%	802	765	784
	Nellore PS	0.00%	98.79%	1.21%	1.21%	802	770	786
	Raichur	0.00%	99.58%	0.42%	0.42%	802	766	783
Srikakulam	0.00%	94.10%	5.90%	5.90%	802	760	790	
Thiruvalam	0.00%	57.92%	42.08%	42.08%	814	777	796	
Vemagiri	0.00%	100.00%	0.00%	0.00%	798	758	785	
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	771	785
	Gaya	0.00%	100.00%	0.00%	0.00%	798	760	776
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	780	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	774	783
Sasaram	0.00%	100.00%	0.00%	0.00%	774	744	758	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	410
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	414
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	406	405
	Misa (400 kV)	0.00%	98.61%	1.39%	1.39%	423	398	414
	Biswanath Chariali (400 kV)	0.00%	99.93%	0.00%	0.00%	420	393	410
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	413	

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