

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

Date of Reporting: **27-Dec-17**  
System Reliability Indices Report for: **26-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 26-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%	796	766	785	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	786	769	775	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	785	770	775	
	Anta	0.00%	100.00%	0.00%	0.00%	787	764	776	
	Ballia	0.00%	100.00%	0.00%	0.00%	791	758	776	
	Bhiwani	0.00%	96.59%	3.41%	3.41%	803	779	791	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	763	766	
	Greater Noida	0.00%	100.00%	0.00%	0.00%	799	786	793	
	Jhatikara	0.00%	86.33%	13.67%	13.67%	806	779	793	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	750	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	764	777	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	763	774	
	Meerut	0.00%	85.35%	8.86%	8.86%	807	776	793	
	Moga	0.00%	99.79%	0.21%	0.21%	801	761	781	
	Phagi	0.00%	100.00%	0.00%	0.00%	796	764	780	
	Varanasi	0.00%	100.00%	0.00%	0.00%	794	769	783	
Unnao	0.00%	100.00%	0.00%	0.00%	784	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	753	771	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	761	776	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	757	774	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	756	769	
	Bina	0.00%	100.00%	0.00%	0.00%	792	763	777	
	Champa	0.00%	55.72%	35.77%	35.77%	806	784	798	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	766	778	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	763	778	
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	767	782	
	Indore	0.00%	100.00%	0.00%	0.00%	788	759	775	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	767	781	
	Koradi	0.00%	100.00%	0.00%	0.00%	776	752	764	
	Pune	0.00%	100.00%	0.00%	0.00%	798	761	773	
	Raigarh Pooling	0.00%	73.62%	26.38%	26.38%	804	786	797	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	776	790	
	Sasan	0.00%	100.00%	0.00%	0.00%	775	760	765	
	Seoni	0.00%	100.00%	0.00%	0.00%	790	762	779	
	Sipat	0.00%	100.00%	0.00%	0.00%	774	756	768	
	Solapur	0.00%	94.69%	5.31%	5.31%	805	773	787	
	Tamnar	0.00%	76.47%	23.53%	23.53%	803	786	797	
	Tirora	0.00%	100.00%	0.00%	0.00%	770	752	762	
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	771	782	
	Kurnool	0.00%	71.39%	28.61%	28.61%	810	771	791	
	SR	Nellore PS	0.00%	81.58%	18.42%	18.42%	812	771	789
Raichur		0.00%	94.28%	5.72%	5.72%	805	774	787	
Srikakulam		0.00%	88.97%	11.03%	11.03%	804	781	794	
Thiruvalam		0.00%	51.12%	48.88%	48.88%	817	778	799	
Vemagiri		0.00%	91.34%	8.66%	8.66%	800	776	789	
ER		Angul	0.00%	100.00%	0.00%	0.00%	797	776	789
		Gaya	0.00%	100.00%	0.00%	0.00%	788	762	776
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	778	792	
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	774	785	
Sasaram	0.00%	100.00%	0.00%	0.00%	770	747	759		
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	409	
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	411	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	415	
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	409	
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	411	405	
	Misa (400 kV)	0.00%	96.65%	3.35%	3.35%	421	403	414	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	410	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	412		

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