

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

**Date of Reporting: 13-Dec-17  
System Reliability Indices Report for: 12-Dec-17**

**Percentage (%) of times ATC was violated**

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 12-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%	98.96%	0.28%	0.28%	801	767	784	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	790	773	779	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	790	770	779	
	Anta	0.00%	100.00%	0.00%	0.00%	796	766	780	
	Ballia	0.00%	100.00%	0.00%	0.00%	795	767	781	
	Bhiwani	0.00%	76.11%	23.89%	23.89%	812	780	792	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	758	771	
	Greater Noida	0.00%	99.51%	0.49%	0.49%	802	783	793	
	Jhatikara	0.00%	82.08%	17.92%	17.92%	805	773	791	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	749	754	758	
	Lucknow	0.00%	80.83%	19.17%	19.17%	806	770	787	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	786	763	774	
	Meerut	0.00%	76.94%	22.08%	22.08%	817	774	791	
	Moga	0.00%	100.00%	0.00%	0.00%	797	759	777	
	Phagi	0.00%	91.81%	8.19%	8.19%	804	766	782	
	Varanasi	0.00%	100.00%	0.00%	0.00%	796	774	783	
Unnao	0.00%	100.00%	0.00%	0.00%	790	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	754	772	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	778	754	769	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	752	768	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	756	765	
	Bina	0.00%	100.00%	0.00%	0.00%	788	749	771	
	Champa	0.00%	53.75%	38.82%	38.82%	808	788	799	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	766	776	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	762	775	
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	763	781	
	Indore	0.00%	100.00%	0.00%	0.00%	787	752	770	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	759	776	
	Koradi	0.00%	100.00%	0.00%	0.00%	775	753	765	
	Pune	0.00%	100.00%	0.00%	0.00%	797	746	767	
	Raigarh Pooling	0.00%	67.64%	32.36%	32.36%	806	789	798	
	Raipur Pooling	0.00%	98.47%	1.53%	1.53%	802	782	789	
	Sasan	0.00%	100.00%	0.00%	0.00%	774	754	763	
	Seoni	0.00%	100.00%	0.00%	0.00%	791	757	775	
	Sipat	0.00%	100.00%	0.00%	0.00%	771	756	764	
	Solapur	0.00%	96.67%	3.33%	3.33%	806	743	781	
	Tamnar	0.00%	70.07%	29.93%	29.93%	805	789	798	
	Tirora	0.00%	100.00%	0.00%	0.00%	770	753	762	
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	764	779	
	Kurnool	0.00%	98.54%	1.46%	1.46%	804	762	782	
	SR	Nellore PS	0.00%	98.13%	1.88%	1.88%	803	768	785
Raichur		0.00%	99.24%	0.76%	0.76%	802	763	781	
Srikakulam		0.00%	92.57%	7.43%	7.43%	805	779	792	
Thiruvalam		0.00%	57.22%	42.78%	42.78%	816	779	797	
Vemagiri		0.00%	99.31%	0.69%	0.69%	802	771	786	
ER		Angul	0.00%	100.00%	0.00%	0.00%	798	779	788
		Gaya	0.00%	100.00%	0.00%	0.00%	790	765	777
	Jharsuguda	0.00%	99.79%	0.21%	0.21%	800	781	791	
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	776	784	
	Sasaram	0.00%	100.00%	0.00%	0.00%	772	748	759	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	409	
	Bongaigaon (400 kV)	0.00%	99.65%	0.35%	0.35%	420	396	411	
	Bongaigaon TPS (400 kV)	0.00%	96.46%	3.54%	3.54%	424	401	415	
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	409	
	Palatana (400 kV)	0.00%	79.51%	15.76%	15.76%	421	415	405	
	Misa (400 kV)	0.00%	92.08%	7.92%	7.92%	427	396	413	
	Biswanath Chariali (400 kV)	0.00%	97.64%	1.04%	1.04%	423	391	409	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	412		

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