

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

**Date of Reporting: 16-Dec-17
System Reliability Indices Report for: 15-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	2	0.50	2.08
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 15-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%	98.82%	0.42%	0.42%	803	770	787	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	768	774	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	768	773	
	Anta	0.00%	100.00%	0.00%	0.00%	795	772	785	
	Ballia	0.00%	100.00%	0.00%	0.00%	789	759	777	
	Bhiwani	0.00%	62.57%	37.43%	37.43%	809	778	796	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	758	773	
	Greater Noida	0.00%	93.26%	6.74%	6.74%	802	786	796	
	Jhatikara	0.00%	79.03%	20.97%	20.97%	809	778	792	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	750	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	766	784	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	764	772	
	Meerut	0.00%	66.25%	26.39%	26.39%	816	777	796	
	Moga	0.00%	98.61%	1.39%	1.39%	806	760	784	
	Phagi	0.00%	94.03%	5.97%	5.97%	804	768	788	
	Varanasi	0.00%	100.00%	0.00%	0.00%	793	769	783	
Unnao	0.00%	100.00%	0.00%	0.00%	777	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	753	770	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	756	775	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	748	772	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	756	767	
	Bina	0.00%	100.00%	0.00%	0.00%	795	759	779	
	Champa	0.00%	62.71%	32.43%	32.43%	808	784	797	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	766	777	
	Dhule (BDTCL)	0.00%	99.51%	0.49%	0.49%	801	760	778	
	Gwalior	0.00%	99.31%	0.69%	0.69%	801	762	786	
	Indore	0.00%	100.00%	0.00%	0.00%	791	751	774	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	762	781	
	Koradi	0.00%	100.00%	0.00%	0.00%	778	751	764	
	Pune	0.00%	100.00%	0.00%	0.00%	794	758	771	
	Raigarh Pooling	0.00%	65.35%	34.65%	34.65%	807	787	797	
	Raipur Pooling	0.00%	98.54%	1.46%	1.46%	801	781	787	
	Sasan	0.00%	100.00%	0.00%	0.00%	771	753	764	
	Seoni	0.00%	100.00%	0.00%	0.00%	795	759	777	
	Sipat	0.00%	100.00%	0.00%	0.00%	774	757	765	
	Solapur	0.00%	96.93%	3.07%	3.07%	806	767	785	
	Tamnar	0.00%	67.64%	32.36%	32.36%	806	787	797	
	Tirora	0.00%	100.00%	0.00%	0.00%	771	752	761	
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	764	782	
	Kurnool	0.00%	95.07%	4.93%	4.93%	806	769	787	
	SR	Nellore PS	0.00%	97.43%	2.57%	2.57%	802	772	786
Raichur		0.00%	97.64%	2.36%	2.36%	803	768	786	
Srikakulam		0.00%	87.78%	12.22%	12.22%	805	778	792	
Thiruvallam		0.00%	54.86%	45.14%	45.14%	813	780	798	
Vemagiri		0.00%	99.38%	0.63%	0.63%	801	770	785	
ER		Angul	0.00%	100.00%	0.00%	0.00%	799	777	789
		Gaya	0.00%	100.00%	0.00%	0.00%	788	757	775
		Jharsuguda	0.00%	94.93%	5.07%	5.07%	802	779	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	773	784	
	Sasaram	0.00%	100.00%	0.00%	0.00%	770	746	759	
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%	417	398	410	
	Bongaigaon TPS (400 kV)	0.00%	99.72%	0.28%	0.28%	420	401	413	
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408	
	Palatana (400 kV)	0.00%	98.68%	0.83%	0.83%	420	415	405	
	Misa (400 kV)	0.00%	98.67%	1.33%	1.33%	422	396	412	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	390	408	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	412		

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