

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

**Date of Reporting: 14-Dec-17
System Reliability Indices Report for: 13-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 13-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%	799	773	787	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	786	772	777	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	785	771	776	
	Anta	0.00%	100.00%	0.00%	0.00%	796	768	782	
	Ballia	0.00%	100.00%	0.00%	0.00%	791	764	778	
	Bhiwani	0.00%	87.50%	12.50%	12.50%	804	778	794	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	762	773	
	Greater Noida	0.00%	83.96%	16.04%	16.04%	804	785	795	
	Jhatikara	0.00%	81.18%	18.82%	18.82%	805	786	795	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	749	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	770	783	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	765	773	
	Meerut	0.00%	87.15%	8.54%	8.54%	808	778	793	
	Moga	0.00%	99.31%	0.69%	0.69%	801	765	783	
	Phagi	0.00%	99.38%	0.63%	0.63%	801	769	784	
	Varanasi	0.00%	100.00%	0.00%	0.00%	795	771	783	
Unnao	0.00%	100.00%	0.00%	0.00%	781	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	753	772	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	757	775	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	758	772	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	757	766	
	Bina	0.00%	100.00%	0.00%	0.00%	793	764	779	
	Champa	0.00%	64.38%	29.38%	29.38%	807	787	796	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	769	777	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	758	776	
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	769	785	
	Indore	0.00%	100.00%	0.00%	0.00%	791	758	774	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	768	782	
	Koradi	0.00%	100.00%	0.00%	0.00%	776	752	765	
	Pune	0.00%	100.00%	0.00%	0.00%	796	752	770	
	Raigarh Pooling	0.00%	67.85%	32.15%	32.15%	806	788	796	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	780	787	
	Sasan	0.00%	100.00%	0.00%	0.00%	772	757	765	
	Seoni	0.00%	100.00%	0.00%	0.00%	795	762	777	
	Sipat	0.00%	100.00%	0.00%	0.00%	773	758	765	
	Solapur	0.00%	94.44%	5.56%	5.56%	805	765	783	
	Tamnar	0.00%	68.33%	31.67%	31.67%	806	789	796	
	Tirora	0.00%	100.00%	0.00%	0.00%	770	751	761	
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	765	782	
	Kurnool	0.00%	89.72%	10.28%	10.28%	809	768	788	
	SR	Nellore PS	0.00%	98.47%	1.53%	1.53%	803	770	786
Raichur		0.00%	92.99%	7.01%	7.01%	806	767	786	
Srikakulam		0.00%	73.82%	26.18%	26.18%	806	781	792	
Thiruvalam		0.00%	47.08%	52.92%	52.92%	816	782	800	
Vemagiri		0.00%	97.01%	2.99%	2.99%	803	772	786	
ER		Angul	0.00%	100.00%	0.00%	0.00%	800	779	788
		Gaya	0.00%	100.00%	0.00%	0.00%	789	764	777
	Jharsuguda	0.00%	97.85%	2.15%	2.15%	802	783	791	
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	775	784	
	Sasaram	0.00%	100.00%	0.00%	0.00%	770	750	759	
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	410	
	Bongaigaon TPS (400 kV)	0.00%	93.89%	6.11%	6.11%	421	405	414	
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	408	
	Palatana (400 kV)	0.00%	74.93%	23.54%	23.54%	421	416	405	
	Misa (400 kV)	0.00%	99.93%	0.07%	0.07%	420	395	412	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	412		

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