

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **24-Dec-17**
System Reliability Indices Report for: **23-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	1	0.25	1.04
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 23-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%	797	766	783	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	768	773	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	767	773	
	Anta	0.00%	100.00%	0.00%	0.00%	791	766	780	
	Ballia	0.00%	100.00%	0.00%	0.00%	787	755	772	
	Bhiwani	0.00%	95.82%	4.18%	4.18%	803	774	791	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	750	768	
	Greater Noida	0.00%	88.56%	11.44%	11.44%	803	780	793	
	Jhatikara	0.00%	95.81%	4.19%	4.19%	803	766	790	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	752	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	761	778	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	764	774	
	Meerut	0.00%	92.81%	5.09%	5.09%	808	773	792	
	Moga	0.00%	98.74%	1.26%	1.26%	804	762	783	
	Phagi	0.00%	100.00%	0.00%	0.00%	794	758	781	
	Varanasi	0.00%	100.00%	0.00%	0.00%	790	765	778	
Unnao	0.00%	100.00%	0.00%	0.00%	776	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	754	772	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	762	777	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	751	772	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	753	764	
	Bina	0.00%	100.00%	0.00%	0.00%	792	756	776	
	Champa	0.00%	84.59%	5.79%	5.79%	804	781	795	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	762	775	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	765	781	
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	759	781	
	Indore	0.00%	100.00%	0.00%	0.00%	790	752	775	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	762	781	
	Koradi	0.00%	100.00%	0.00%	0.00%	779	753	766	
	Pune	0.00%	100.00%	0.00%	0.00%	796	759	775	
	Raigarh Pooling	0.00%	93.16%	6.84%	6.84%	803	783	796	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	774	787	
	Sasan	0.00%	100.00%	0.00%	0.00%	777	756	766	
	Seoni	0.00%	100.00%	0.00%	0.00%	791	758	777	
	Sipat	0.00%	100.00%	0.00%	0.00%	770	754	763	
	Solapur	0.00%	90.85%	9.15%	9.15%	806	771	787	
	Tamnar	0.00%	93.23%	6.77%	6.77%	802	784	796	
	Tirora	0.00%	100.00%	0.00%	0.00%	772	753	762	
	SR	Vadodara	0.00%	100.00%	0.00%	0.00%	799	765	783
Kurnool		0.00%	89.39%	10.61%	10.61%	809	768	787	
Nellore PS		0.00%	86.60%	13.40%	13.40%	808	774	789	
Raichur		0.00%	90.93%	9.07%	9.07%	806	771	786	
Srikakulam		0.00%	91.27%	8.73%	8.73%	803	780	792	
Thiruvalam		0.00%	54.68%	45.32%	45.32%	820	784	800	
Vemagiri		0.00%	99.93%	0.07%	0.07%	800	773	786	
ER		Angul	0.00%	100.00%	0.00%	0.00%	797	775	786
		Gaya	0.00%	100.00%	0.00%	0.00%	784	759	772
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	777	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	770	781	
Sasaram	7.05%	92.95%	0.00%	7.05%	799	722	755		
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	407	
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	409	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	413	
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	407	
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	411	405	
	Misa (400 kV)	0.00%	99.86%	0.14%	0.14%	420	395	411	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	389	406	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	409		

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