

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **21-Dec-17**
System Reliability Indices Report for: **20-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 20-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	771	786	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	786	767	774	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	786	767	774	
	Anta	0.00%	100.00%	0.00%	0.00%	797	771	784	
	Ballia	0.00%	100.00%	0.00%	0.00%	792	759	775	
	Bhiwani	0.00%	73.54%	26.46%	26.46%	808	781	795	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	758	771	
	Greater Noida	0.00%	99.31%	0.69%	0.69%	802	785	791	
	Jhatikara	0.00%	76.04%	23.96%	23.96%	810	780	794	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	752	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	762	780	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	762	772	
	Meerut	0.00%	77.01%	16.81%	16.81%	810	776	795	
	Moga	0.00%	100.00%	0.00%	0.00%	798	765	784	
	Phagi	0.00%	97.92%	2.08%	2.08%	802	769	786	
	Varanasi	0.00%	100.00%	0.00%	0.00%	795	768	780	
Unnao	0.00%	100.00%	0.00%	0.00%	779	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	757	774	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	789	761	776	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	757	771	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	758	766	
	Bina	0.00%	100.00%	0.00%	0.00%	791	763	777	
	Champa	0.00%	80.83%	9.38%	9.38%	807	786	796	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	767	775	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	757	775	
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	768	784	
	Indore	0.00%	100.00%	0.00%	0.00%	793	757	775	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	766	779	
	Koradi	0.00%	100.00%	0.00%	0.00%	777	755	767	
	Pune	0.00%	100.00%	0.00%	0.00%	794	752	771	
	Raigarh Pooling	0.00%	84.93%	15.07%	15.07%	805	788	797	
	Raipur Pooling	0.00%	94.31%	5.69%	5.69%	800	782	790	
	Sasan	0.00%	100.00%	0.00%	0.00%	774	758	767	
	Seoni	0.00%	100.00%	0.00%	0.00%	793	764	778	
	Sipat	0.00%	100.00%	0.00%	0.00%	772	757	764	
	Solapur	0.00%	94.58%	5.42%	5.42%	806	769	786	
	Tamnar	0.00%	83.40%	16.60%	16.60%	805	789	797	
	Tirora	0.00%	100.00%	0.00%	0.00%	771	754	763	
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	767	782	
	Kurnool	0.00%	87.78%	12.22%	12.22%	810	771	788	
	SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	771	785
Raichur		0.00%	91.25%	8.75%	8.75%	807	771	787	
Srikakulam		0.00%	100.00%	0.00%	0.00%	799	780	790	
Thiruvalem		0.00%	54.10%	45.90%	45.90%	811	780	797	
Vemagiri		0.00%	100.00%	0.00%	0.00%	794	771	783	
ER		Angul	0.00%	100.00%	0.00%	0.00%	795	779	787
		Gaya	0.00%	100.00%	0.00%	0.00%	789	760	774
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	780	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	773	782	
	Sasaram	0.00%	100.00%	0.00%	0.00%	767	740	752	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407	
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	408	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	411	
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407	
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	415	407	405	
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	410	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	408	

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