

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **23-Dec-17**
System Reliability Indices Report for: **22-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 22-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%	795	766	784
	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	768	773
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	766	772
	Anta	0.00%	100.00%	0.00%	0.00%	792	768	782
	Ballia	0.00%	100.00%	0.00%	0.00%	788	761	775
	Bhiwani	0.00%	97.57%	2.43%	2.43%	801	775	791
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	756	771
	Greater Noida	0.00%	89.48%	10.52%	10.52%	805	780	790
	Jhatikara	0.00%	94.10%	5.90%	5.90%	803	769	790
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	752	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	767	781
	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	761	774
	Meerut	0.00%	92.78%	4.31%	4.31%	806	773	791
	Moga	0.00%	99.17%	0.83%	0.83%	802	763	781
	Phagi	0.00%	100.00%	0.00%	0.00%	798	755	781
Varanasi	0.00%	100.00%	0.00%	0.00%	791	770	780	
Unnao	0.00%	100.00%	0.00%	0.00%	782	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	756	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	762	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	759	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	756	764
	Bina	0.00%	100.00%	0.00%	0.00%	789	760	775
	Champa	0.00%	95.63%	1.39%	1.39%	802	787	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	766	773
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	768	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	764	780
	Indore	0.00%	100.00%	0.00%	0.00%	787	756	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	764	779
	Koradi	0.00%	100.00%	0.00%	0.00%	778	755	769
	Pune	0.00%	100.00%	0.00%	0.00%	795	758	774
	Raigarh Pooling	0.00%	99.10%	0.90%	0.90%	801	788	795
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	782	789
	Sasan	0.00%	100.00%	0.00%	0.00%	769	759	764
	Seoni	0.00%	100.00%	0.00%	0.00%	791	765	776
	Sipat	0.00%	100.00%	0.00%	0.00%	770	757	762
	Solapur	0.00%	98.19%	1.81%	1.81%	803	735	787
	Tamnar	0.00%	99.03%	0.97%	0.97%	801	790	795
	Tirora	0.00%	100.00%	0.00%	0.00%	771	754	764
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	767	783
	Kurnool	0.00%	81.81%	18.19%	18.19%	809	768	790
	Nellore PS	0.00%	85.07%	14.93%	14.93%	806	766	787
	Raichur	0.00%	98.96%	1.04%	1.04%	805	770	787
Srikakulam	0.00%	96.46%	3.54%	3.54%	802	779	791	
Thiruvallam	0.00%	56.88%	43.13%	43.13%	817	780	797	
Vemagiri	0.00%	100.00%	0.00%	0.00%	798	773	784	
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	778	786
	Gaya	0.00%	100.00%	0.00%	0.00%	785	764	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	780	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	770	780
Sasaram	0.00%	100.00%	0.00%	0.00%	771	743	757	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	410
	Bongaigaon TPS (400 kV)	0.00%	99.79%	0.21%	0.21%	420	405	413
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	409	405
	Misa (400 kV)	0.00%	97.57%	2.43%	2.43%	422	403	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	410
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	409	

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