

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

**Date of Reporting: 11-Dec-17
System Reliability Indices Report for: 10-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 10-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	765	787
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	771	775
	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	771	775
	Anta	0.00%	100.00%	0.00%	0.00%	796	763	786
	Ballia	0.00%	100.00%	0.00%	0.00%	798	767	784
	Bhiwani	0.00%	59.31%	40.69%	40.69%	807	776	797
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	756	771
	Greater Noida	0.00%	93.06%	6.94%	6.94%	804	781	786
	Jhatikara	0.00%	62.92%	37.08%	37.08%	809	778	796
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	749	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	800	773	787
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	762	774
	Meerut	0.00%	56.81%	38.54%	38.54%	810	773	797
	Moga	0.00%	98.40%	1.60%	1.60%	803	778	787
	Phagi	0.00%	97.85%	2.15%	2.15%	803	765	789
Varanasi	0.00%	100.00%	0.00%	0.00%	797	774	785	
Unnao	0.00%	100.00%	0.00%	0.00%	778	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	758	774
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	755	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	753	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	759	768
	Bina	0.00%	100.00%	0.00%	0.00%	795	765	782
	Champa	0.00%	55.35%	39.65%	39.65%	810	790	799
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	770	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	800	763	782
	Gwalior	0.00%	99.79%	0.21%	0.21%	801	766	787
	Indore	0.00%	100.00%	0.00%	0.00%	790	755	777
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	780	791
	Koradi	0.00%	100.00%	0.00%	0.00%	779	756	767
	Pune	0.00%	100.00%	0.00%	0.00%	798	753	776
	Raigarh Pooling	0.00%	58.06%	41.94%	41.94%	807	791	799
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	782	788
	Sasan	0.00%	100.00%	0.00%	0.00%	776	765	770
	Seoni	0.00%	100.00%	0.00%	0.00%	792	762	778
	Sipat	0.00%	100.00%	0.00%	0.00%	774	760	767
	Solapur	0.00%	95.90%	4.10%	4.10%	804	768	789
	Tamnar	0.00%	59.03%	40.97%	40.97%	807	791	799
	Tirora	0.00%	100.00%	0.00%	0.00%	772	755	763
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	771	786
	Kurnool	0.00%	95.76%	4.24%	4.24%	803	771	788
	Nellore PS	0.00%	88.47%	11.53%	11.53%	806	775	790
	Raichur	0.00%	96.74%	3.26%	3.26%	802	774	788
Nizamabad	0.00%	92.99%	7.01%	7.01%	809	761	786	
Srikakulam	0.00%	72.64%	27.36%	27.36%	807	788	797	
Thiruvalam	0.00%	36.74%	63.26%	63.26%	820	791	805	
Vemagiri	0.00%	99.10%	0.90%	0.90%	803	782	791	
ER	Angul	0.00%	100.00%	0.00%	0.00%	799	784	791
	Gaya	0.00%	100.00%	0.00%	0.00%	791	765	778
	Jharsuguda	0.00%	94.44%	5.56%	5.56%	803	785	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	778	787
	Sasaram	0.00%	100.00%	0.00%	0.00%	771	746	758
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	411
	Bongaigaon TPS (400 kV)	0.00%	94.86%	5.14%	5.14%	421	405	415
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	409
	Palatana (400 kV)	0.00%	81.60%	15.83%	15.83%	421	417	405
	Misa (400 kV)	0.00%	99.51%	0.49%	0.49%	421	403	411
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	405	413

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