

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

Date of Reporting: **12-Jan-18**
System Reliability Indices Report for: **11-Jan-18**

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 11-Jan-2018

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	766	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	768	772
	Anpara-D	0.00%	100.00%	0.00%	0.00%	776	767	772
	Anta	0.00%	100.00%	0.00%	0.00%	792	765	780
	Ballia	0.00%	100.00%	0.00%	0.00%	786	761	772
	Bhiwani	0.00%	88.89%	11.11%	11.11%	806	779	791
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	754	770
	Greater Noida	0.00%	82.14%	17.86%	17.86%	807	779	793
	Jhatikara	0.00%	84.51%	15.49%	15.49%	807	774	790
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	730	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	762	777
	Lalitpur	0.00%	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Meerut	0.00%	84.79%	11.94%	11.94%	806	774	791
	Moga	0.00%	100.00%	0.00%	0.00%	796	767	782
	Phagi	0.00%	100.00%	0.00%	0.00%	798	766	782
	Varanasi	0.00%	100.00%	0.00%	0.00%	765	765	765
Unnao	0.00%	100.00%	0.00%	0.00%	772	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	758	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	770	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	754	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	757	766
	Bina	0.00%	100.00%	0.00%	0.00%	788	762	777
	Champa	0.00%	100.00%	0.00%	0.00%	795	774	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	761	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	761	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	752	781
	Indore	0.00%	100.00%	0.00%	0.00%	796	756	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	767	782
	Koradi	0.00%	100.00%	0.00%	0.00%	775	758	767
	Pune	0.00%	100.00%	0.00%	0.00%	790	745	773
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	780	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	773	785
	Sasan	0.00%	100.00%	0.00%	0.00%	772	759	766
	Seoni	0.00%	100.00%	0.00%	0.00%	789	765	778
	Sipat	0.00%	100.00%	0.00%	0.00%	770	757	764
	Solapur	0.00%	87.08%	12.92%	12.92%	804	774	793
	Tamnar	0.00%	100.00%	0.00%	0.00%	798	781	791
	Tirora	0.00%	100.00%	0.00%	0.00%	770	757	763
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	771	782
	Kurnool	0.00%	64.44%	35.56%	35.56%	809	778	797
	Nellore PS	0.00%	97.92%	2.08%	2.08%	802	774	792
Raichur	0.00%	85.49%	14.51%	14.51%	806	776	794	
Srikakulam	0.00%	83.68%	16.32%	16.32%	805	781	795	
Thiruvalam	0.00%	16.32%	83.68%	83.68%	817	787	806	
Vemagiri	0.00%	100.00%	0.00%	0.00%	799	779	789	
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	775	790
	Gaya	0.00%	100.00%	0.00%	0.00%	784	760	771
	Jharsuguda	0.00%	98.82%	1.18%	1.18%	802	775	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	767	778
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	406
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	410
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	407
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	413	405
	Misa (400 kV)	0.00%	95.97%	4.03%	4.03%	422	398	413
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	391	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	410

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