

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

Date of Reporting: **15-Jan-18**
System Reliability Indices Report for: **14-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 14-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%	99.79%	0.07%	0.07%	801	775	786
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	771	776
	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	772	775
	Anta	0.00%	100.00%	0.00%	0.00%	794	773	785
	Ballia	0.00%	100.00%	0.00%	0.00%	783	767	775
	Bhiwani	0.00%	75.00%	25.00%	25.00%	811	782	795
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	751	768
	Greater Noida	0.00%	71.25%	28.75%	28.75%	809	787	796
	Jhatikara	0.00%	62.36%	37.64%	37.64%	810	782	797
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	730	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	772	783
	Lalitpur	0.00%	100.00%	0.00%	0.00%	765	765	765
	Meerut	0.00%	79.79%	15.97%	15.97%	812	776	793
	Moga	0.00%	97.92%	2.08%	2.08%	807	763	782
	Phagi	0.00%	99.58%	0.42%	0.42%	800	771	788
Varanasi	0.00%	100.00%	0.00%	0.00%	788	772	780	
Unnao	0.00%	100.00%	0.00%	0.00%	773	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	761	774
	Aurangabad	0.00%	99.93%	0.07%	0.07%	801	770	785
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	757	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	759	766
	Bina	0.00%	100.00%	0.00%	0.00%	790	766	779
	Champa	0.00%	100.00%	0.00%	0.00%	795	774	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	762	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	756	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	771	784
	Indore	0.00%	100.00%	0.00%	0.00%	789	761	776
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	772	784
	Koradi	0.00%	100.00%	0.00%	0.00%	776	759	768
	Pune	0.00%	100.00%	0.00%	0.00%	796	753	777
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	778	787
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	773	784
	Sasan	0.00%	100.00%	0.00%	0.00%	774	758	766
	Seoni	0.00%	100.00%	0.00%	0.00%	791	767	779
	Sipat	0.00%	100.00%	0.00%	0.00%	770	758	764
	Solapur	0.00%	95.28%	4.72%	4.72%	805	770	792
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	779	787
	Tirora	0.00%	100.00%	0.00%	0.00%	770	757	764
	Vadodara	0.00%	99.03%	0.97%	0.97%	802	778	789
	Kurnool	0.00%	72.92%	27.08%	27.08%	810	778	794
	Nellore PS	0.00%	90.90%	9.10%	9.10%	810	779	791
	Raichur	0.00%	94.38%	5.63%	5.63%	807	774	791
Srikakulam	0.00%	74.10%	25.90%	25.90%	807	785	795	
Thiruvalam	0.00%	31.11%	68.89%	68.89%	818	794	806	
Vemagiri	0.00%	94.86%	5.14%	5.14%	803	777	790	
ER	Angul	0.00%	100.00%	0.00%	0.00%	800	780	789
	Gaya	0.00%	100.00%	0.00%	0.00%	780	765	772
	Jharsuguda	0.00%	81.88%	18.13%	18.13%	805	787	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	785	768	780
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	405	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	407
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	405	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	414	405
	Misa (400 kV)	0.00%	99.17%	0.83%	0.83%	421	403	414
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	411

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