

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

Date of Reporting: **14-Feb-18**  
System Reliability Indices Report for: **13-Feb-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 13-Feb-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%	99.72%	0.14%	0.14%	801	759	784
	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	769	776
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	768	775
	Anta	0.00%	100.00%	0.00%	0.00%	796	768	783
	Ballia	0.00%	100.00%	0.00%	0.00%	792	761	778
	Bhiwani	0.00%	70.49%	29.51%	29.51%	808	774	793
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	739	768
	Greater Noida	0.00%	66.32%	33.68%	33.68%	814	779	797
	Jhatikara	0.00%	64.09%	35.91%	35.91%	812	771	788
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	741	754	758
	Lucknow	0.00%	99.86%	0.14%	0.14%	801	761	783
	Lalitpur	0.00%	0.00%	0.00%	0.00%	791	763	777
	Meerut	0.00%	66.74%	30.97%	30.97%	811	775	795
	Moga	0.00%	99.93%	0.07%	0.07%	800	759	781
	Phagi	0.00%	99.58%	0.42%	0.42%	805	758	785
	Varanasi	0.00%	100.00%	0.00%	0.00%	796	763	782
Unnao	0.00%	100.00%	0.00%	0.00%	783	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	761	779
	Aurangabad	0.00%	99.65%	0.35%	0.35%	801	768	787
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	764	776
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	758	766
	Bina	0.00%	100.00%	0.00%	0.00%	792	761	780
	Champa	0.00%	100.00%	0.00%	0.00%	795	781	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	766	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	769	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	758	783
	Indore	0.00%	100.00%	0.00%	0.00%	795	765	778
	Koradi	0.00%	100.00%	0.00%	0.00%	781	758	771
	Pune	0.00%	100.00%	0.00%	0.00%	798	751	774
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	785	792
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	775	784
	Sasan	0.00%	100.00%	0.00%	0.00%	771	754	765
	Seoni	0.00%	100.00%	0.00%	0.00%	796	770	786
	Sipat	0.00%	100.00%	0.00%	0.00%	769	757	764
	Solapur	0.00%	99.17%	0.83%	0.83%	804	774	788
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	785	792
	Tirora	0.00%	100.00%	0.00%	0.00%	775	757	767
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	774	786
	Kurnool	0.00%	100.00%	0.00%	0.00%	797	762	782
	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	762	777
	SR	Raichur	0.00%	100.00%	0.00%	0.00%	798	768
Srikakulam		0.00%	100.00%	0.00%	0.00%	796	777	788
Thiruvallam		0.00%	78.54%	21.46%	21.46%	804	764	785
Vemagiri		0.00%	100.00%	0.00%	0.00%	791	771	782
Angul		0.00%	100.00%	0.00%	0.00%	792	775	785
Gaya		0.00%	100.00%	0.00%	0.00%	789	760	771
ER	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	782	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	771	781
NER	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	405
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	405	412
	Palatana (400 kV)	0.00%	61.94%	36.39%	36.39%	422	415	405
	Misa (400 kV)	0.00%	99.72%	0.28%	0.28%	420	400	411
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	413

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