

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

Date of Reporting: **22-Feb-18**  
System Reliability Indices Report for: **21-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 21-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%	100.00%	0.00%	0.00%	796	764	780
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	767	772
	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	767	771
	Anta	0.00%	100.00%	0.00%	0.00%	795	753	781
	Ballia	0.00%	100.00%	0.00%	0.00%	784	763	773
	Bhiwani	0.00%	83.13%	16.88%	16.88%	807	775	790
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	746	761
	Greater Noida	0.00%	80.56%	19.44%	19.44%	807	774	793
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	744	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	766	780
	Lalitpur	0.00%	0.00%	0.00%	0.00%	785	761	775
	Meerut	0.00%	82.22%	12.92%	12.92%	814	775	791
	Moga	0.00%	97.22%	2.78%	2.78%	805	763	779
	Phagi	0.00%	100.00%	0.00%	0.00%	799	747	782
WR	Varanasi	0.00%	100.00%	0.00%	0.00%	787	767	777
	Unnao	0.00%	100.00%	0.00%	0.00%	774	752	755
	Akola	0.00%	100.00%	0.00%	0.00%	782	756	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	767	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	756	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	758	765
	Bina	0.00%	100.00%	0.00%	0.00%	783	761	773
	Champa	0.00%	99.93%	0.07%	0.07%	802	774	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	764	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	759	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	762	778
	Indore	0.00%	100.00%	0.00%	0.00%	785	754	771
	Koradi	0.00%	100.00%	0.00%	0.00%	775	755	766
	Pune	0.00%	100.00%	0.00%	0.00%	788	740	765
SR	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	779	789
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	773	783
	Sasan	0.00%	100.00%	0.00%	0.00%	769	756	762
	Seoni	0.00%	100.00%	0.00%	0.00%	787	764	776
	Sipat	0.00%	100.00%	0.00%	0.00%	771	757	766
	Solapur	0.00%	98.19%	1.81%	1.81%	805	766	787
	Tamnar	0.00%	100.00%	0.00%	0.00%	796	779	787
	Tirora	0.00%	100.00%	0.00%	0.00%	769	754	763
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	765	778
	Kurnool	0.00%	97.15%	2.85%	2.85%	804	768	785
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	767	781
	Raichur	0.00%	97.85%	2.15%	2.15%	803	769	786
	Srikakulam	0.00%	99.44%	0.56%	0.56%	801	786	793
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	793	760	778
Vemagiri	0.00%	100.00%	0.00%	0.00%	796	779	787	
ER	Angul	0.00%	100.00%	0.00%	0.00%	797	781	789
	Gaya	0.00%	100.00%	0.00%	0.00%	779	759	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	782	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	784	768	777
NER	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	405
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	410
	Palatana (400 kV)	0.00%	72.71%	26.32%	26.32%	422	416	405
	Misa (400 kV)	0.00%	99.93%	0.07%	0.07%	420	402	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	406	412

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