

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

Date of Reporting: **18-Feb-18**  
System Reliability Indices Report for: **17-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	6	1.50	6.25
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 17-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%	99.51%	0.49%	0.49%	804	768	780
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	769	773
	Anpara-D	0.00%	100.00%	0.00%	0.00%	776	760	771
	Anta	0.00%	100.00%	0.00%	0.00%	799	774	784
	Ballia	0.00%	100.00%	0.00%	0.00%	791	758	773
	Bhiwani	0.00%	80.42%	19.58%	19.58%	812	780	792
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	743	761
	Greater Noida	0.00%	73.06%	26.94%	26.94%	814	778	793
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	744	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	765	778
	Lalitpur	0.00%	0.00%	0.00%	0.00%	789	763	776
	Meerut	0.00%	72.43%	25.76%	25.76%	816	774	792
	Moga	0.00%	100.00%	0.00%	0.00%	800	764	782
	Phagi	0.00%	99.38%	0.63%	0.63%	804	771	785
WR	Varanasi	0.00%	100.00%	0.00%	0.00%	794	763	776
	Unnao	0.00%	100.00%	0.00%	0.00%	771	752	755
	Akola	0.00%	100.00%	0.00%	0.00%	787	760	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	765	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	754	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	756	763
	Bina	0.00%	100.00%	0.00%	0.00%	791	765	775
	Champa	0.00%	97.29%	2.29%	2.29%	809	778	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	765	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	765	781
	Gwalior	0.00%	99.58%	0.42%	0.42%	803	768	780
	Indore	0.00%	100.00%	0.00%	0.00%	784	754	771
	Koradi	0.00%	100.00%	0.00%	0.00%	778	759	769
	Pune	0.00%	100.00%	0.00%	0.00%	797	750	773
Raigarh Pooling	0.00%	97.50%	2.50%	2.50%	805	785	791	
Raipur Pooling	0.00%	97.99%	2.01%	2.01%	804	784	787	
SR	Sasan	0.00%	100.00%	0.00%	0.00%	773	761	765
	Seoni	0.00%	100.00%	0.00%	0.00%	788	767	778
	Sipat	0.00%	100.00%	0.00%	0.00%	767	756	761
	Solapur	0.00%	98.89%	1.11%	1.11%	803	772	789
	Tamnar	0.00%	97.71%	2.29%	2.29%	804	784	791
	Tirora	0.00%	100.00%	0.00%	0.00%	773	756	765
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	766	781
	Kurnool	0.00%	97.78%	2.22%	2.22%	806	773	787
	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	770	781
	Raichur	0.00%	99.24%	0.76%	0.76%	802	774	787
	Srikakulam	0.00%	100.00%	0.00%	0.00%	797	763	777
	Thiruvalam	0.00%	85.69%	14.31%	14.31%	810	779	793
	Vemagiri	0.00%	95.33%	4.67%	4.67%	805	736	787
	ER	Angul	0.00%	100.00%	0.00%	0.00%	792	772
Gaya		0.00%	100.00%	0.00%	0.00%	783	753	769
Jharsuguda		0.00%	100.00%	0.00%	0.00%	799	780	788
Ranchi		0.00%	100.00%	0.00%	0.00%	787	768	778
NER	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	407
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	411
	Palatana (400 kV)	0.00%	63.40%	34.38%	34.38%	423	415	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	411
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	407
	Silchar (400 kV)	0.00%	99.86%	0.14%	0.14%	421	403	413

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