

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

Date of Reporting: **24-Jan-18**  
System Reliability Indices Report for: **23-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	4	1.00	4.17
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 23-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	765	784
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	766	773
	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	766	773
	Anta	0.00%	100.00%	0.00%	0.00%	796	768	786
	Ballia	0.00%	100.00%	0.00%	0.00%	783	760	773
	Bhiwani	0.00%	68.75%	31.25%	31.25%	811	774	795
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	741	765
	Greater Noida	0.00%	31.18%	68.82%	68.82%	811	789	800
	Jhatikara	0.00%	69.58%	30.42%	30.42%	810	772	795
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	752	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	764	781
	Lalitpur	0.00%	0.00%	0.00%	0.00%	790	758	0
	Meerut	0.00%	64.93%	27.57%	27.57%	816	770	796
	Moga	0.00%	95.97%	4.03%	4.03%	810	759	783
	Phagi	0.00%	97.22%	2.78%	2.78%	802	765	788
Varanasi	0.00%	100.00%	0.00%	0.00%	788	765	780	
Unnao	0.00%	100.00%	0.00%	0.00%	775	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	760	774
	Aurangabad	0.00%	99.58%	0.42%	0.42%	801	766	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	757	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	760	766
	Bina	0.00%	100.00%	0.00%	0.00%	788	763	777
	Champa	0.00%	100.00%	0.00%	0.00%	796	771	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	764	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	765	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	767	783
	Indore	0.00%	100.00%	0.00%	0.00%	787	757	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	768	783
	Koradi	0.00%	100.00%	0.00%	0.00%	777	759	768
	Pune	0.00%	100.00%	0.00%	0.00%	797	751	772
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	783	789
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	778	781
	Sasan	0.00%	100.00%	0.00%	0.00%	771	759	766
	Seoni	0.00%	100.00%	0.00%	0.00%	789	765	776
	Sipat	0.00%	100.00%	0.00%	0.00%	771	758	764
	Solapur	0.00%	96.39%	3.61%	3.61%	811	767	786
	Tamnar	0.00%	100.00%	0.00%	0.00%	798	784	789
	Tirora	0.00%	100.00%	0.00%	0.00%	772	757	765
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	765	782
	Kurnool	0.00%	92.78%	7.22%	7.22%	808	770	788
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	770	782
	Raichur	0.00%	94.03%	5.97%	5.97%	806	770	788
Srikakulam	0.00%	99.79%	0.21%	0.21%	801	774	786	
Thiruvallam	0.00%	65.28%	34.72%	34.72%	811	778	797	
Vemagiri	0.00%	100.00%	0.00%	0.00%	793	767	781	
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	772	783
	Gaya	0.00%	100.00%	0.00%	0.00%	781	759	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	781	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	768	778
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%	413	400	408
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	405	412
	Byrnhat (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	412	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	411
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	411

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