

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

Date of Reporting: **25-Jan-18**  
System Reliability Indices Report for: **24-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 24-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%	795	768	782
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	769	773
	Anpara-D	0.00%	100.00%	0.00%	0.00%	781	767	773
	Anta	0.00%	100.00%	0.00%	0.00%	795	760	782
	Ballia	0.00%	100.00%	0.00%	0.00%	787	764	775
	Bhiwani	0.00%	76.01%	23.99%	23.99%	807	777	794
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	746	765
	Greater Noida	0.00%	73.13%	26.87%	26.87%	808	783	796
	Jhatikara	0.00%	88.90%	11.10%	11.10%	806	770	791
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	752	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	767	782
	Lalitpur	0.00%	0.00%	0.00%	0.00%	790	762	0
	Meerut	0.00%	76.03%	18.66%	18.66%	811	771	794
	Moga	0.00%	97.97%	2.03%	2.03%	805	764	787
	Phagi	0.00%	100.00%	0.00%	0.00%	797	761	784
	Varanasi	0.00%	100.00%	0.00%	0.00%	789	769	780
Unnao	0.00%	100.00%	0.00%	0.00%	783	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	756	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	763	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	750	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	760	768
	Bina	0.00%	100.00%	0.00%	0.00%	789	762	776
	Champa	0.00%	100.00%	0.00%	0.00%	794	780	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	769	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	761	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	768	781
	Indore	0.00%	100.00%	0.00%	0.00%	785	753	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	769	782
	Koradi	0.00%	100.00%	0.00%	0.00%	778	755	770
	Pune	0.00%	100.00%	0.00%	0.00%	794	736	769
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	785	791
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	778	786
	Sasan	0.00%	100.00%	0.00%	0.00%	773	760	765
	Seoni	0.00%	100.00%	0.00%	0.00%	791	763	779
	Sipat	0.00%	100.00%	0.00%	0.00%	770	760	766
	Solapur	0.00%	98.39%	1.61%	1.61%	804	771	789
	Tamnar	0.00%	100.00%	0.00%	0.00%	795	785	791
	Tirora	0.00%	100.00%	0.00%	0.00%	773	755	766
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	765	782
	Kurnool	0.00%	96.02%	3.98%	3.98%	805	766	788
	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	769	782
	Raichur	0.00%	98.46%	1.54%	1.54%	802	768	788
	Srikakulam	0.00%	100.00%	0.00%	0.00%	795	774	787
Thiruvallam	0.00%	60.91%	39.09%	39.09%	810	779	797	
Vemagiri	0.00%	100.00%	0.00%	0.00%	791	767	780	
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	774	784
	Gaya	0.00%	100.00%	0.00%	0.00%	783	762	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	782	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	770	779
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	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	404	411
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	408
	Palatana (400 kV)	0.00%	97.76%	1.89%	1.89%	421	411	405
	Misa (400 kV)	0.00%	99.65%	0.35%	0.35%	421	398	410
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	392	406
	Silchar (400 kV)	0.00%	97.41%	2.59%	2.59%	422	400	411

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