

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

Date of Reporting: **21-Dec-18**  
System Reliability Indices Report for: **20-Dec-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

### Voltage Profile for the day of 20-Dec-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%	99.65%	0.00%	0.00%	800	760	781
	Agra (Fatehabad)	0.00%	96.39%	3.61%	3.61%	809	740	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	762	767
	Anpara-D	0.00%	100.00%	0.00%	0.00%	772	762	767
	Anta	0.00%	100.00%	0.00%	0.00%	790	755	777
	Ballia	0.00%	100.00%	0.00%	0.00%	782	759	772
	Bhiwani	0.00%	93.75%	6.25%	6.25%	808	768	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	748	767
	Greater Noida	0.00%	83.54%	16.46%	16.46%	806	773	788
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	766	784
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	759	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	766	778
	Lalitpur	1.39%	98.61%	0.00%	1.39%	797	727	750
	Meerut	0.00%	92.29%	7.08%	7.08%	810	765	781
	Moga	0.00%	99.79%	0.21%	0.21%	801	751	765
	Phagi	0.00%	100.00%	0.00%	0.00%	800	752	779
Varanasi	0.00%	100.00%	0.00%	0.00%	785	764	777	
Unnao	0.00%	100.00%	0.00%	0.00%	769	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	758	777
	Aurangabad	0.00%	96.11%	3.89%	3.89%	804	760	788
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	759	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	762	772
	Bina	0.00%	100.00%	0.00%	0.00%	799	766	783
	Champa	0.00%	62.78%	33.06%	33.06%	806	785	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	771	783
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	751	780
	Ektuni	0.00%	100.00%	0.00%	0.00%	792	756	778
	Gwalior	0.00%	99.38%	0.63%	0.63%	802	763	783
	Indore	0.00%	100.00%	0.00%	0.00%	788	758	775
	Jabalpur	0.00%	99.65%	0.35%	0.35%	801	772	788
	Koradi	0.00%	100.00%	0.00%	0.00%	777	754	766
	Pune	0.00%	93.89%	0.00%	0.00%	800	740	776
	Raigarh Pooling	0.00%	87.92%	12.08%	12.08%	804	785	796
	Sasan	0.00%	100.00%	0.00%	0.00%	778	759	768
	Satna	0.00%	100.00%	0.00%	0.00%	790	763	777
	Seoni	0.00%	100.00%	0.00%	0.00%	795	765	782
	Sipat	0.00%	100.00%	0.00%	0.00%	776	762	770
	Solapur	0.00%	67.50%	32.50%	32.50%	809	766	795
	Tamnar	0.00%	77.99%	22.01%	22.01%	805	787	797
	Tirora	0.00%	100.00%	0.00%	0.00%	769	752	761
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	769	784
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	759	769	
Wardha	0.00%	96.81%	3.19%	3.19%	805	765	790	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	796	756	783
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	759	781
	Raichur	0.00%	100.00%	0.00%	0.00%	798	759	784
	Nizamabad	0.00%	80.00%	20.00%	20.00%	808	760	793
	Srikakulam	0.00%	100.00%	0.00%	0.00%	796	771	786
	Thiruvallam	0.00%	88.13%	11.88%	11.88%	809	761	792
	Vemagiri	0.00%	100.00%	0.00%	0.00%	775	750	765
ER	Angul	0.00%	98.82%	1.18%	1.18%	801	773	790
	Gaya	0.00%	100.00%	0.00%	0.00%	779	759	770
	Jharsuguda	0.00%	55.07%	44.93%	44.93%	809	782	797
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	770	780
	Sasaram	0.00%	100.00%	0.00%	0.00%	770	747	761
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	390	401
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	416	408	405
	Misa (400 kV)	0.00%	96.74%	3.26%	3.26%	422	404	413
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	394	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	411	395	402

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