

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

Date of Reporting: **26-Jan-18**  
System Reliability Indices Report for: **25-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 25-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	762	783	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	767	770	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	766	770	
	Anta	0.00%	100.00%	0.00%	0.00%	797	768	785	
	Ballia	0.00%	100.00%	0.00%	0.00%	786	761	774	
	Bhiwani	0.00%	74.93%	25.07%	25.07%	809	774	795	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	743	766	
	Greater Noida	0.00%	67.08%	32.92%	32.92%	809	777	796	
	Jhatikara	0.00%	80.90%	19.10%	19.10%	810	772	793	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	752	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	767	780	
	Lalitpur	0.00%	0.00%	0.00%	0.00%	791	759	0	
	Meerut	0.00%	65.97%	28.96%	28.96%	810	770	796	
	Moga	0.00%	98.40%	1.60%	1.60%	805	760	788	
	Phagi	0.00%	99.65%	0.35%	0.35%	802	756	786	
	Varanasi	0.00%	100.00%	0.00%	0.00%	789	765	779	
Unnao	0.00%	100.00%	0.00%	0.00%	777	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	759	777	
	Aurangabad	0.00%	99.72%	0.28%	0.28%	800	766	784	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	754	771	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	760	767	
	Bina	0.00%	100.00%	0.00%	0.00%	786	763	776	
	Champa	0.00%	100.00%	0.00%	0.00%	791	777	785	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	765	773	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	764	781	
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	763	781	
	Indore	0.00%	100.00%	0.00%	0.00%	782	753	771	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	767	780	
	Koradi	0.00%	100.00%	0.00%	0.00%	780	758	770	
	Pune	0.00%	100.00%	0.00%	0.00%	789	748	774	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	794	783	789	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	777	782	
	Sasan	0.00%	100.00%	0.00%	0.00%	775	759	766	
	Seoni	0.00%	100.00%	0.00%	0.00%	789	766	779	
	Sipat	0.00%	100.00%	0.00%	0.00%	771	760	765	
	Solapur	0.00%	96.81%	3.19%	3.19%	804	771	789	
	Tamnar	0.00%	100.00%	0.00%	0.00%	795	783	789	
	Tirora	0.00%	100.00%	0.00%	0.00%	773	757	766	
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	764	781	
	Kurnool	0.00%	92.36%	7.64%	7.64%	809	764	787	
	SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	766	781
Raichur		0.00%	95.90%	4.10%	4.10%	806	768	788	
Srikakulam		0.00%	100.00%	0.00%	0.00%	797	780	791	
Thiruvalem		0.00%	64.24%	35.76%	35.76%	814	772	794	
Vemagiri		0.00%	100.00%	0.00%	0.00%	793	773	784	
ER		Angul	0.00%	100.00%	0.00%	0.00%	796	777	786
		Gaya	0.00%	100.00%	0.00%	0.00%	783	761	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	782	790	
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	766	776	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	403	408	
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	408	
	Bongaigaon TPS (400 kV)	0.00%	99.86%	0.14%	0.14%	420	402	411	
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	403	408	
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	412	405	
	Misa (400 kV)	0.00%	98.96%	1.04%	1.04%	423	399	411	
	Biswanath Chariali (400 kV)	0.00%	99.93%	0.00%	0.00%	420	392	407	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	411		

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