

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

Date of Reporting: **19-Jan-18**  
System Reliability Indices Report for: **18-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 18-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%	796	763	782	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	771	776	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	770	775	
	Anta	0.00%	100.00%	0.00%	0.00%	795	770	784	
	Ballia	0.00%	100.00%	0.00%	0.00%	787	762	774	
	Bhiwani	0.00%	91.32%	8.68%	8.68%	804	784	794	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	746	768	
	Greater Noida	0.00%	96.46%	3.54%	3.54%	805	785	794	
	Jhatikara	0.00%	94.79%	5.21%	5.21%	806	782	794	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	730	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	766	779	
	Lalitpur	0.00%	0.00%	0.00%	0.00%	787	771	0	
	Meerut	0.00%	80.21%	16.11%	16.11%	809	774	793	
	Moga	0.00%	100.00%	0.00%	0.00%	800	761	784	
	Phagi	0.00%	100.00%	0.00%	0.00%	799	765	785	
	Varanasi	0.00%	100.00%	0.00%	0.00%	790	767	779	
Unnao	0.00%	100.00%	0.00%	0.00%	777	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	760	773	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	766	783	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	758	770	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	754	761	
	Bina	0.00%	100.00%	0.00%	0.00%	787	764	775	
	Champa	0.00%	99.93%	0.07%	0.07%	802	781	789	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	763	771	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	765	780	
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	767	781	
	Indore	0.00%	100.00%	0.00%	0.00%	786	756	771	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	768	779	
	Koradi	0.00%	100.00%	0.00%	0.00%	776	760	768	
	Pune	0.00%	100.00%	0.00%	0.00%	799	760	776	
	Raigarh Pooling	0.00%	98.47%	1.53%	1.53%	801	786	792	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	777	786	
	Sasan	0.00%	100.00%	0.00%	0.00%	774	761	769	
	Seoni	0.00%	100.00%	0.00%	0.00%	789	762	775	
	Sipat	0.00%	100.00%	0.00%	0.00%	771	754	759	
	Solapur	0.00%	96.32%	3.68%	3.68%	804	771	788	
	Tamnar	0.00%	98.96%	1.04%	1.04%	801	787	793	
	Tirora	0.00%	100.00%	0.00%	0.00%	770	758	764	
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	768	781	
	Kurnool	0.00%	99.44%	0.56%	0.56%	803	761	783	
	SR	Nellore PS	0.00%	99.86%	0.14%	0.14%	800	769	783
Raichur		0.00%	99.58%	0.42%	0.42%	802	768	785	
Srikakulam		0.00%	99.51%	0.49%	0.49%	801	780	790	
Thiruvalem		0.00%	60.76%	39.24%	39.24%	816	779	795	
Vemagiri		0.00%	100.00%	0.00%	0.00%	799	774	784	
ER		Angul	0.00%	100.00%	0.00%	0.00%	795	776	786
		Gaya	0.00%	100.00%	0.00%	0.00%	784	760	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	780	789	
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	762	775	
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%	415	399	409	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	412	
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	408	
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	410	405	
	Misa (400 kV)	0.00%	97.15%	2.85%	2.85%	422	403	414	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	409	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	410		

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