

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

Date of Reporting: **23-Jan-18**  
System Reliability Indices Report for: **22-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	2	0.50	2.08
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 22-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	756	782	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	765	770	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	773	764	769	
	Anta	0.00%	100.00%	0.00%	0.00%	798	765	784	
	Ballia	0.00%	100.00%	0.00%	0.00%	783	754	770	
	Bhiwani	0.00%	79.64%	20.36%	20.36%	805	771	792	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	736	765	
	Greater Noida	0.00%	77.85%	22.15%	22.15%	805	770	793	
	Jhatikara	0.00%	79.86%	20.14%	20.14%	808	767	791	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	752	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	759	775	
	Lalitpur	0.00%	0.00%	0.00%	0.00%	788	767	0	
	Meerut	0.00%	84.03%	12.57%	12.57%	806	762	790	
	Moga	0.00%	100.00%	0.00%	0.00%	796	756	781	
	Phagi	0.00%	93.61%	6.39%	6.39%	801	764	786	
Varanasi	0.00%	100.00%	0.00%	0.00%	790	758	776		
Unnao	0.00%	100.00%	0.00%	0.00%	769	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	758	774	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	762	778	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	760	772	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	756	766	
	Bina	0.00%	100.00%	0.00%	0.00%	788	762	777	
	Champa	0.00%	100.00%	0.00%	0.00%	791	773	783	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	762	771	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	764	779	
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	763	782	
	Indore	0.00%	100.00%	0.00%	0.00%	788	760	775	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	768	781	
	Koradi	0.00%	100.00%	0.00%	0.00%	777	756	768	
	Pune	0.00%	100.00%	0.00%	0.00%	792	736	767	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	780	788	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	787	769	780	
	Sasan	0.00%	100.00%	0.00%	0.00%	773	760	768	
	Seoni	0.00%	100.00%	0.00%	0.00%	789	759	775	
	Sipat	0.00%	100.00%	0.00%	0.00%	771	757	765	
	Solapur	0.00%	98.26%	1.74%	1.74%	802	767	786	
	Tamnar	0.00%	100.00%	0.00%	0.00%	794	780	788	
	Tirora	0.00%	100.00%	0.00%	0.00%	771	755	763	
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	768	782	
	Kurnool	0.00%	99.44%	0.56%	0.56%	803	760	781	
	SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	763	779
		Raichur	0.00%	99.65%	0.35%	0.35%	802	765	782
Srikakulam		0.00%	99.79%	0.21%	0.21%	801	771	786	
Thiruvalem		0.00%	62.85%	37.15%	37.15%	814	772	792	
Vemagiri		0.00%	100.00%	0.00%	0.00%	795	763	780	
ER		Angul	0.00%	100.00%	0.00%	0.00%	795	771	782
		Gaya	0.00%	100.00%	0.00%	0.00%	781	755	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	778	788	
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	765	775	
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%	413	398	408	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	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%	100.00%	0.00%	0.00%	418	401	411	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	407	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	410		

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