

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

Date of Reporting: **22-Jan-18**
System Reliability Indices Report for: **21-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	6	1.50	6.25
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 21-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	767	784	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	768	772	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	768	771	
	Anta	0.00%	100.00%	0.00%	0.00%	797	768	784	
	Ballia	0.00%	100.00%	0.00%	0.00%	785	763	774	
	Bhiwani	0.00%	67.57%	32.43%	32.43%	805	778	795	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	744	769	
	Greater Noida	0.00%	76.74%	23.26%	23.26%	808	780	795	
	Jhatikara	0.00%	63.06%	36.94%	36.94%	808	777	796	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	752	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	765	779	
	Lalitpur	0.00%	0.00%	0.00%	0.00%	788	774	0	
	Meerut	0.00%	73.13%	21.18%	21.18%	809	772	794	
	Moga	0.00%	100.00%	0.00%	0.00%	800	762	782	
	Phagi	0.00%	95.83%	4.17%	4.17%	801	765	787	
Varanasi	0.00%	100.00%	0.00%	0.00%	789	767	780		
Unnao	0.00%	100.00%	0.00%	0.00%	771	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	754	777	
	Aurangabad	0.00%	99.65%	0.35%	0.35%	801	765	784	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	759	773	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	758	765	
	Bina	0.00%	100.00%	0.00%	0.00%	789	763	777	
	Champa	0.00%	100.00%	0.00%	0.00%	799	778	787	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	764	773	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	759	786	
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	766	782	
	Indore	0.00%	100.00%	0.00%	0.00%	787	759	775	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	769	782	
	Koradi	0.00%	100.00%	0.00%	0.00%	778	755	769	
	Pune	0.00%	100.00%	0.00%	0.00%	795	757	777	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	784	791	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	787	778	782	
	Sasan	0.00%	100.00%	0.00%	0.00%	775	760	766	
	Seoni	0.00%	100.00%	0.00%	0.00%	788	762	776	
	Sipat	0.00%	100.00%	0.00%	0.00%	769	759	765	
	Solapur	0.00%	98.40%	1.60%	1.60%	802	768	789	
	Tamnar	0.00%	100.00%	0.00%	0.00%	799	785	791	
	Tirora	0.00%	100.00%	0.00%	0.00%	772	753	765	
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	765	784	
	Kurnool	0.00%	99.44%	0.56%	0.56%	801	763	786	
	SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	767	784
		Raichur	0.00%	99.58%	0.42%	0.42%	801	767	786
Srikakulam		0.00%	100.00%	0.00%	0.00%	797	774	784	
Thiruvallam		0.00%	37.92%	62.08%	62.08%	810	778	800	
Vemagiri		0.00%	100.00%	0.00%	0.00%	791	763	778	
ER		Angul	0.00%	100.00%	0.00%	0.00%	793	773	783
		Gaya	0.00%	100.00%	0.00%	0.00%	783	761	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	781	791	
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	768	779	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	405	408	
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	409	
	Bongaigaon TPS (400 kV)	0.00%	99.93%	0.07%	0.07%	420	404	412	
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	405	408	
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	412	405	
	Misa (400 kV)	0.00%	93.96%	6.04%	6.04%	422	400	411	
	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%	417	402	410		

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