

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

Date of Reporting: **21-Jan-18**
System Reliability Indices Report for: **20-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	1	0.25	1.04
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 20-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%	98.26%	0.42%	0.42%	802	763	784	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	767	772	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	766	771	
	Anta	0.00%	100.00%	0.00%	0.00%	797	774	784	
	Ballia	0.00%	100.00%	0.00%	0.00%	790	759	771	
	Bhiwani	0.00%	83.84%	16.16%	16.16%	806	779	793	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	746	768	
	Greater Noida	0.00%	78.68%	21.32%	21.32%	809	777	794	
	Jhatikara	0.00%	79.44%	20.56%	20.56%	811	775	793	
	Kanpur GIS	88.64%	11.36%	0.00%	88.64%	752	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	760	776	
	Lalitpur	0.00%	0.00%	0.00%	0.00%	789	772	0	
	Meerut	0.00%	73.59%	23.28%	23.28%	808	771	793	
	Moga	0.00%	100.00%	0.00%	0.00%	798	763	784	
	Phagi	0.00%	94.28%	5.72%	5.72%	801	768	785	
	Varanasi	0.00%	100.00%	0.00%	0.00%	796	765	777	
Unnao	0.00%	100.00%	0.00%	0.00%	773	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	758	774	
	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	763	782	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	754	772	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	768	754	763	
	Bina	0.00%	100.00%	0.00%	0.00%	794	766	776	
	Champa	0.00%	100.00%	0.00%	0.00%	795	780	787	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	764	771	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	761	779	
	Gwalior	0.00%	99.86%	0.14%	0.14%	801	767	782	
	Indore	0.00%	100.00%	0.00%	0.00%	786	757	774	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	770	780	
	Koradi	0.00%	100.00%	0.00%	0.00%	778	758	768	
	Pune	0.00%	100.00%	0.00%	0.00%	790	736	770	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	784	790	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	787	776	783	
	Sasan	0.00%	100.00%	0.00%	0.00%	777	762	767	
	Seoni	0.00%	100.00%	0.00%	0.00%	789	761	775	
	Sipat	0.00%	100.00%	0.00%	0.00%	767	754	761	
	Solapur	0.00%	99.37%	0.63%	0.63%	801	765	786	
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	785	791	
	Tirora	0.00%	100.00%	0.00%	0.00%	774	755	764	
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	770	783	
	Kurnool	0.00%	99.51%	0.49%	0.49%	803	760	781	
	SR	Nellore PS	0.00%	99.65%	0.35%	0.35%	802	765	780
Raichur		0.00%	99.72%	0.28%	0.28%	801	765	782	
Srikakulam		0.00%	100.00%	0.00%	0.00%	799	779	788	
Thiruvalam		0.00%	60.22%	39.78%	39.78%	816	775	793	
Vemagiri		0.00%	100.00%	0.00%	0.00%	793	770	782	
ER		Angul	0.00%	100.00%	0.00%	0.00%	795	775	786
		Gaya	0.00%	100.00%	0.00%	0.00%	787	758	769
		Jharsuguda	0.00%	99.79%	0.21%	0.21%	800	779	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	762	775	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408	
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	409	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	412	
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408	
	Palatana (400 kV)	0.00%	97.49%	2.30%	2.30%	421	411	405	
	Misa (400 kV)	0.00%	97.56%	2.44%	2.44%	422	395	414	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	387	409	
	Silchar (400 kV)	0.00%	98.53%	1.47%	1.47%	421	398	411	

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