

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

Date of Reporting: **21-May-18**
System Reliability Indices Report for: **20-May-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	8	2.00	8.33
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 20-May-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%	790	747	771	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	758	763	
	Anta	0.00%	100.00%	0.00%	0.00%	788	753	775	
	Ballia	0.00%	100.00%	0.00%	0.00%	791	755	773	
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	771	783	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	746	764	
	Greater Noida	0.00%	99.10%	0.90%	0.90%	800	765	780	
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	757	777	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	761	771	
	Meerut	0.00%	89.03%	9.31%	9.31%	804	769	784	
	Moga	0.00%	100.00%	0.00%	0.00%	793	766	778	
	Phagi	0.00%	100.00%	0.00%	0.00%	789	749	777	
Varanasi	0.00%	100.00%	0.00%	0.00%	791	755	773		
Unnao	0.00%	100.00%	0.00%	0.00%	779	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	778	763	771	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	774	783	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	747	771	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	763	768	
	Bina	0.00%	100.00%	0.00%	0.00%	788	760	776	
	Champa	0.00%	100.00%	0.00%	0.00%	796	783	790	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	770	774	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	762	762	762	
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	757	778	
	Indore	0.00%	100.00%	0.00%	0.00%	788	755	775	
	Koradi	0.00%	100.00%	0.00%	0.00%	771	762	767	
	Pune	0.00%	100.00%	0.00%	0.00%	788	763	777	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	788	793	
	Sasan	0.00%	100.00%	0.00%	0.00%	772	759	766	
	Seoni	0.00%	100.00%	0.00%	0.00%	789	774	782	
	Sipat	0.00%	100.00%	0.00%	0.00%	770	760	766	
	Solapur	0.00%	98.26%	1.74%	1.74%	803	782	793	
	Tamnar	0.00%	100.00%	0.00%	0.00%	799	790	795	
	Tirora	0.00%	100.00%	0.00%	0.00%	768	759	764	
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	770	781	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	799	780	791	
	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	777	784	
	Raichur	0.00%	99.03%	0.97%	0.97%	801	783	793	
	Srikakulam	0.00%	100.00%	0.00%	0.00%	792	779	785	
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	799	784	792	
	Vemagiri	0.00%	100.00%	0.00%	0.00%	792	777	785	
	ER	Angul	0.00%	100.00%	0.00%	0.00%	785	772	778
		Gaya	0.00%	100.00%	0.00%	0.00%	785	754	769
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	782	788
		Ranchi	0.00%	100.00%	0.00%	0.00%	784	767	776
NER	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	400	411	
	Bongaigaon TPS (400 kV)	0.00%	87.78%	12.22%	12.22%	424	405	415	
	Misa (400 kV)	0.00%	99.51%	0.49%	0.49%	421	399	412	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	408	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	405	412	

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