

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

Date of Reporting: **22-Apr-18**
System Reliability Indices Report for: **21-Apr-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 15-Apr-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%	786	752	773	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	764	773	
	Anta	0.00%	100.00%	0.00%	0.00%	794	771	786	
	Ballia	0.00%	100.00%	0.00%	0.00%	786	748	769	
	Bhiwani	0.00%	92.50%	7.50%	7.50%	805	768	789	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	734	757	
	Greater Noida	0.00%	92.92%	7.08%	7.08%	806	759	786	
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	754	777	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	786	766	777	
	Meerut	0.00%	79.44%	17.01%	17.01%	811	758	787	
	Moga	0.00%	100.00%	0.00%	0.00%	791	754	777	
	Phagi	0.00%	100.00%	0.00%	0.00%	796	771	785	
Varanasi	0.00%	100.00%	0.00%	0.00%	787	754	772		
Unnao	0.00%	100.00%	0.00%	0.00%	779	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	780	765	774	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	768	783	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	776	748	764	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	767	756	762	
	Bina	0.00%	100.00%	0.00%	0.00%	780	759	772	
	Champa	0.00%	100.00%	0.00%	0.00%	797	784	791	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	763	770	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	763	778	
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	759	776	
	Indore	0.00%	100.00%	0.00%	0.00%	781	749	769	
	Koradi	0.00%	100.00%	0.00%	0.00%	775	764	770	
	Pune	0.00%	100.00%	0.00%	0.00%	788	752	779	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	789	795	
	Sasan	0.00%	100.00%	0.00%	0.00%	768	755	763	
	Seoni	0.00%	100.00%	0.00%	0.00%	787	769	778	
	Sipat	0.00%	100.00%	0.00%	0.00%	764	756	760	
	Solapur	0.00%	100.00%	0.00%	0.00%	800	770	788	
	Tamnar	0.00%	99.86%	0.14%	0.14%	800	790	795	
	Tirora	0.00%	100.00%	0.00%	0.00%	772	760	768	
	Vadodara	0.00%	100.00%	0.00%	0.00%	787	759	773	
SR	Kurnool	0.00%	99.31%	0.69%	0.69%	804	772	789	
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	774	784	
	Raichur	0.00%	99.44%	0.56%	0.56%	804	773	789	
	Srikakulam	0.00%	100.00%	0.00%	0.00%	788	772	779	
	Thiruvalam	0.00%	99.38%	0.63%	0.63%	801	774	790	
	Vemagiri	0.00%	100.00%	0.00%	0.00%	790	772	780	
	ER	Angul	0.00%	100.00%	0.00%	0.00%	768	768	768
		Gaya	0.00%	100.00%	0.00%	0.00%	779	748	765
Jharsuguda		0.00%	100.00%	0.00%	0.00%	788	775	782	
NER	Ranchi	0.00%	100.00%	0.00%	0.00%	784	768	778	
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	409	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	415	
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	415	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	408	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	413	

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