

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

Date of Reporting: **23-Apr-18**
System Reliability Indices Report for: **22-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 22-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%	788	755	772	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	790	763	774	
	Anta	0.00%	100.00%	0.00%	0.00%	799	768	785	
	Ballia	0.00%	100.00%	0.00%	0.00%	794	745	773	
	Bhiwani	0.00%	89.10%	10.90%	10.90%	804	764	789	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	744	767	
	Greater Noida	0.00%	92.29%	7.71%	7.71%	805	740	786	
	Lucknow	0.00%	96.60%	3.40%	3.40%	805	746	780	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	784	763	774	
	Meerut	0.00%	72.50%	24.86%	24.86%	812	753	789	
	Moga	0.00%	100.00%	0.00%	0.00%	799	775	799	
	Phagi	0.00%	99.44%	0.56%	0.56%	802	767	786	
Varanasi	0.00%	100.00%	0.00%	0.00%	797	750	776		
Unnao	0.00%	100.00%	0.00%	0.00%	789	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	767	776	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	775	787	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	756	772	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	761	769	
	Bina	0.00%	100.00%	0.00%	0.00%	786	760	775	
	Champa	0.00%	100.00%	0.00%	0.00%	798	772	782	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	762	772	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	769	782	
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	764	781	
	Indore	0.00%	100.00%	0.00%	0.00%	781	753	770	
	Koradi	0.00%	100.00%	0.00%	0.00%	777	766	773	
	Pune	0.00%	100.00%	0.00%	0.00%	789	741	768	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	778	786	
	Sasan	0.00%	100.00%	0.00%	0.00%	770	758	765	
	Seoni	0.00%	100.00%	0.00%	0.00%	792	771	782	
	Sipat	0.00%	100.00%	0.00%	0.00%	773	761	767	
	Solapur	0.00%	100.00%	0.00%	0.00%	800	775	789	
	Tamnar	0.00%	99.58%	0.42%	0.42%	800	781	789	
	Tirora	0.00%	100.00%	0.00%	0.00%	774	765	771	
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	764	778	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	798	771	787	
	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	770	780	
	Raichur	0.00%	100.00%	0.00%	0.00%	798	777	789	
	Srikakulam	0.00%	100.00%	0.00%	0.00%	786	768	778	
	Thiruvalam	0.00%	94.93%	5.07%	5.07%	803	778	792	
	Vemagiri	0.00%	100.00%	0.00%	0.00%	788	770	779	
	ER	Angul	0.00%	100.00%	0.00%	0.00%	776	762	769
		Gaya	0.00%	100.00%	0.00%	0.00%	788	750	772
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	773	782
		Ranchi	0.00%	100.00%	0.00%	0.00%	788	768	779
Bongaigaon (400 kV)		0.00%	100.00%	0.00%	0.00%	414	397	409	
NER	Bongaigaon TPS (400 kV)	0.00%	97.85%	2.15%	2.15%	420	401	414	
	Misa (400 kV)	0.00%	90.28%	9.72%	9.72%	422	401	414	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	409	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	405	414	

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