

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

Date of Reporting: **21-Apr-18**
System Reliability Indices Report for: **20-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 20-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%	787	747	768	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	781	758	769	
	Anta	0.00%	98.88%	1.12%	1.12%	803	763	784	
	Ballia	0.00%	100.00%	0.00%	0.00%	784	745	767	
	Bhiwani	0.00%	81.49%	18.51%	18.51%	805	777	790	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	731	758	
	Greater Noida	0.00%	100.00%	0.00%	0.00%	800	771	784	
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	751	774	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	784	762	773	
	Meerut	0.00%	86.56%	11.83%	11.83%	811	774	789	
	Moga	0.00%	93.28%	6.72%	6.72%	807	773	787	
	Phagi	0.00%	99.72%	0.28%	0.28%	804	759	782	
Varanasi	0.00%	100.00%	0.00%	0.00%	786	750	770		
Unnao	0.00%	100.00%	0.00%	0.00%	779	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	777	759	771	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	760	781	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	749	769	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	759	766	
	Bina	0.00%	100.00%	0.00%	0.00%	787	754	771	
	Champa	0.00%	100.00%	0.00%	0.00%	795	780	787	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	763	771	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	768	778	
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	752	775	
	Indore	0.00%	100.00%	0.00%	0.00%	783	752	768	
	Koradi	0.00%	100.00%	0.00%	0.00%	774	762	769	
	Pune	0.00%	100.00%	0.00%	0.00%	795	750	772	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	786	791	
	Sasan	0.00%	100.00%	0.00%	0.00%	773	755	764	
	Seoni	0.00%	100.00%	0.00%	0.00%	791	768	780	
	Sipat	0.00%	100.00%	0.00%	0.00%	770	759	764	
	Solapur	0.00%	100.00%	0.00%	0.00%	797	774	787	
	Tamnar	0.00%	100.00%	0.00%	0.00%	793	788	792	
	Tirora	0.00%	100.00%	0.00%	0.00%	772	763	768	
	Vadodara	0.00%	100.00%	0.00%	0.00%	788	763	776	
SR	Kurnool	0.00%	95.52%	4.48%	4.48%	809	774	792	
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	771	786	
	Raichur	0.00%	99.65%	0.35%	0.35%	802	777	791	
	Srikakulam	0.00%	100.00%	0.00%	0.00%	790	772	783	
	Thiruvalam	0.00%	97.33%	2.67%	2.67%	808	763	790	
	Vemagiri	0.00%	100.00%	0.00%	0.00%	789	771	781	
	ER	Angul	0.00%	100.00%	0.00%	0.00%	784	765	776
		Gaya	0.00%	100.00%	0.00%	0.00%	783	750	768
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	771	782
		Ranchi	0.00%	100.00%	0.00%	0.00%	783	766	775
Bongaigaon (400 kV)		0.00%	100.00%	0.00%	0.00%	414	399	408	
NER	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	406	413	
	Misa (400 kV)	0.00%	99.93%	0.07%	0.07%	420	404	410	
	Biswanath Chariali (400 kV)	0.07%	99.93%	0.00%	0.07%	415	368	403	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	406	413	

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