

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

Date of Reporting: **18-Apr-18**  
System Reliability Indices Report for: **17-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 17-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%	790	754	773	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	773	756	765	
	Anta	0.00%	100.00%	0.00%	0.00%	792	768	783	
	Ballia	0.00%	100.00%	0.00%	0.00%	779	742	765	
	Bhiwani	0.00%	97.85%	2.15%	2.15%	802	765	787	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	739	760	
	Greater Noida	0.00%	98.82%	1.18%	1.18%	801	765	783	
	Lucknow	0.00%	100.00%	0.00%	0.00%	788	746	770	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	784	763	774	
	Meerut	0.00%	85.90%	9.65%	9.65%	807	767	789	
	Moga	0.00%	98.19%	1.81%	1.81%	801	765	787	
	Phagi	0.00%	100.00%	0.00%	0.00%	791	767	780	
Varanasi	0.00%	100.00%	0.00%	0.00%	781	747	769		
Unnao	0.00%	100.00%	0.00%	0.00%	771	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	779	761	770	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	768	782	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	756	773	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	760	765	
	Bina	0.00%	100.00%	0.00%	0.00%	781	760	773	
	Champa	0.00%	100.00%	0.00%	0.00%	796	784	791	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	766	771	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	765	776	
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	758	776	
	Indore	0.00%	100.00%	0.00%	0.00%	784	752	772	
	Koradi	0.00%	100.00%	0.00%	0.00%	773	760	768	
	Pune	0.00%	100.00%	0.00%	0.00%	789	741	770	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	789	793	
	Sasan	0.00%	100.00%	0.00%	0.00%	767	755	761	
	Seoni	0.00%	100.00%	0.00%	0.00%	787	771	779	
	Sipat	0.00%	100.00%	0.00%	0.00%	767	760	763	
	Solapur	0.00%	98.96%	1.04%	1.04%	802	769	785	
	Tamnar	0.00%	100.00%	0.00%	0.00%	799	790	794	
	Tirora	0.00%	100.00%	0.00%	0.00%	771	761	767	
	Vadodara	0.00%	100.00%	0.00%	0.00%	785	761	773	
SR	Kurnool	0.00%	82.64%	17.36%	17.36%	810	770	790	
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	769	783	
	Raichur	0.00%	89.05%	10.95%	10.95%	806	773	789	
	Srikakulam	0.00%	100.00%	0.00%	0.00%	784	766	775	
	Thiruvalam	0.00%	91.60%	8.40%	8.40%	809	764	786	
	Vemagiri	0.00%	100.00%	0.00%	0.00%	786	762	774	
	ER	Angul	0.00%	100.00%	0.00%	0.00%	776	763	770
		Gaya	0.00%	100.00%	0.00%	0.00%	773	744	761
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	775	781
		Ranchi	0.00%	100.00%	0.00%	0.00%	781	769	775
Bongaigaon (400 kV)		0.00%	100.00%	0.00%	0.00%	412	399	407	
NER	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	404	413	
	Misa (400 kV)	0.00%	99.44%	0.56%	0.56%	422	401	411	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	405	
	Silchar (400 kV)	0.00%	99.93%	0.07%	0.07%	420	406	413	

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