

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

Date of Reporting: **5-Apr-18**  
System Reliability Indices Report for: **4-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 04-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%	789	757	773	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	766	772	
	Anta	0.00%	100.00%	0.00%	0.00%	786	767	777	
	Ballia	0.00%	100.00%	0.00%	0.00%	782	755	772	
	Bhiwani	0.00%	95.42%	4.58%	4.58%	802	775	788	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	750	764	
	Greater Noida	0.00%	99.58%	0.42%	0.42%	801	768	784	
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	759	777	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	766	775	
	Meerut	0.00%	100.00%	0.00%	0.00%	791	786	790	
	Moga	0.00%	99.86%	0.14%	0.14%	800	773	788	
	Phagi	0.00%	100.00%	0.00%	0.00%	790	771	781	
Varanasi	0.00%	100.00%	0.00%	0.00%	787	760	776		
Unnao	0.00%	100.00%	0.00%	0.00%	778	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	759	770	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	763	778	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	755	769	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	751	761	
	Bina	0.00%	100.00%	0.00%	0.00%	778	764	771	
	Champa	0.00%	100.00%	0.00%	0.00%	797	784	792	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	769	774	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	766	773	
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	768	776	
	Indore	0.00%	100.00%	0.00%	0.00%	787	758	772	
	Koradi	0.00%	100.00%	0.00%	0.00%	774	759	766	
	Pune	0.00%	100.00%	0.00%	0.00%	790	755	777	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	781	790	
	Sasan	0.00%	100.00%	0.00%	0.00%	768	759	763	
	Seoni	0.00%	100.00%	0.00%	0.00%	786	760	774	
	Sipat	0.00%	100.00%	0.00%	0.00%	767	752	760	
	Solapur	0.00%	100.00%	0.00%	0.00%	799	772	786	
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	782	792	
	Tirora	0.00%	100.00%	0.00%	0.00%	767	755	761	
	Vadodara	0.00%	100.00%	0.00%	0.00%	789	754	774	
SR	Kurnool	0.00%	99.86%	0.14%	0.14%	800	760	782	
	Nellore PS	0.00%	100.00%	0.00%	0.00%	783	760	774	
	Raichur	0.00%	100.00%	0.00%	0.00%	798	766	784	
	Srikakulam	0.00%	100.00%	0.00%	0.00%	792	776	785	
	Thiruvalam	0.00%	97.43%	2.57%	2.57%	805	760	785	
	Vemagiri	0.00%	100.00%	0.00%	0.00%	790	771	780	
	ER	Angul	0.00%	100.00%	0.00%	0.00%	785	773	780
		Gaya	0.00%	100.00%	0.00%	0.00%	777	753	768
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	779	786
Ranchi		0.00%	100.00%	0.00%	0.00%	785	771	778	
NER	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	405	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	410	
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	398	408	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	405	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	407	

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