

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

Date of Reporting: **14-Apr-18**  
System Reliability Indices Report for: **13-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 13-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	749	771	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	769	775	
	Anta	0.00%	100.00%	0.00%	0.00%	792	772	785	
	Ballia	0.00%	100.00%	0.00%	0.00%	787	751	772	
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	772	789	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	743	767	
	Greater Noida	0.00%	100.00%	0.00%	0.00%	799	766	785	
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	757	778	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	786	766	778	
	Meerut	0.00%	99.86%	0.00%	0.00%	800	763	786	
	Moga	0.00%	100.00%	0.00%	0.00%	797	758	785	
	Phagi	0.00%	100.00%	0.00%	0.00%	797	771	786	
Varanasi	0.00%	100.00%	0.00%	0.00%	792	757	777		
Unnao	0.00%	100.00%	0.00%	0.00%	779	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	778	759	771	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	773	785	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	750	765	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	767	753	762	
	Bina	0.00%	100.00%	0.00%	0.00%	779	766	774	
	Champa	0.00%	95.73%	2.75%	2.75%	802	779	791	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	761	770	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	770	778	
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	746	776	
	Indore	0.00%	100.00%	0.00%	0.00%	783	753	766	
	Koradi	0.00%	100.00%	0.00%	0.00%	773	762	769	
	Pune	0.00%	100.00%	0.00%	0.00%	789	753	777	
	Raigarh Pooling	0.00%	95.87%	4.13%	4.13%	802	785	794	
	Sasan	0.00%	100.00%	0.00%	0.00%	771	763	767	
	Seoni	0.00%	100.00%	0.00%	0.00%	787	765	778	
	Sipat	0.00%	100.00%	0.00%	0.00%	765	754	760	
	Solapur	0.00%	100.00%	0.00%	0.00%	799	774	789	
	Tamnar	0.00%	95.22%	4.78%	4.78%	802	786	794	
	Tirora	0.00%	100.00%	0.00%	0.00%	771	763	768	
	Vadodara	0.00%	100.00%	0.00%	0.00%	785	759	773	
SR	Kurnool	0.00%	96.89%	3.11%	3.11%	804	772	791	
	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	768	780	
	Raichur	0.00%	100.00%	0.00%	0.00%	800	774	790	
	Srikakulam	0.00%	100.00%	0.00%	0.00%	783	764	776	
	Thiruvallam	0.00%	81.23%	18.77%	18.77%	805	766	789	
	Vemagiri	0.00%	100.00%	0.00%	0.00%	784	761	774	
	ER	Angul	0.00%	100.00%	0.00%	0.00%	776	767	770
		Gaya	0.00%	100.00%	0.00%	0.00%	784	750	769
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	772	782
		Ranchi	0.00%	100.00%	0.00%	0.00%	783	767	777
Bongaigaon (400 kV)		0.00%	100.00%	0.00%	0.00%	414	401	408	
NER	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	406	413	
	Misa (400 kV)	0.00%	97.75%	2.25%	2.25%	422	403	413	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	406	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	412	

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