

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

Date of Reporting: **19-Apr-18**  
System Reliability Indices Report for: **18-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 18-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	750	772	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	785	759	767	
	Anta	0.00%	100.00%	0.00%	0.00%	796	776	785	
	Ballia	0.00%	100.00%	0.00%	0.00%	789	744	766	
	Bhiwani	0.00%	98.82%	1.18%	1.18%	802	765	785	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	738	760	
	Greater Noida	0.00%	97.71%	2.29%	2.29%	803	767	785	
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	749	773	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	784	763	774	
	Meerut	0.00%	88.26%	10.14%	10.14%	808	764	787	
	Moga	0.00%	99.79%	0.21%	0.21%	800	762	782	
	Phagi	0.00%	100.00%	0.00%	0.00%	796	764	779	
Varanasi	0.00%	100.00%	0.00%	0.00%	790	750	770		
Unnao	0.00%	100.00%	0.00%	0.00%	783	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	777	758	770	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	765	781	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	756	769	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	758	764	
	Bina	0.00%	100.00%	0.00%	0.00%	785	758	770	
	Champa	0.00%	100.00%	0.00%	0.00%	796	775	786	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	762	767	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	765	776	
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	755	774	
	Indore	0.00%	100.00%	0.00%	0.00%	779	754	766	
	Koradi	0.00%	100.00%	0.00%	0.00%	772	761	767	
	Pune	0.00%	100.00%	0.00%	0.00%	790	748	772	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	774	786	
	Sasan	0.00%	100.00%	0.00%	0.00%	766	754	760	
	Seoni	0.00%	100.00%	0.00%	0.00%	788	766	778	
	Sipat	0.00%	100.00%	0.00%	0.00%	766	758	762	
	Solapur	0.00%	100.00%	0.00%	0.00%	799	772	786	
	Tamnar	0.00%	100.00%	0.00%	0.00%	799	776	788	
	Tirora	0.00%	100.00%	0.00%	0.00%	772	762	767	
	Vadodara	0.00%	100.00%	0.00%	0.00%	788	758	772	
SR	Kurnool	0.00%	86.39%	13.61%	13.61%	808	768	790	
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	767	784	
	Raichur	0.00%	96.88%	3.13%	3.13%	803	771	788	
	Srikakulam	0.00%	100.00%	0.00%	0.00%	786	767	776	
	Thiruvallam	0.00%	90.90%	9.10%	9.10%	807	760	788	
	Vemagiri	0.00%	100.00%	0.00%	0.00%	787	763	775	
	ER	Angul	0.00%	100.00%	0.00%	0.00%	777	763	769
		Gaya	0.00%	100.00%	0.00%	0.00%	781	743	762
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	786	771	778
		Ranchi	0.00%	100.00%	0.00%	0.00%	784	766	775
NER	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	407	
	Bongaigaon TPS (400 kV)	0.00%	98.40%	1.60%	1.60%	421	406	413	
	Misa (400 kV)	0.00%	98.61%	1.39%	1.39%	420	397	411	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	389	404	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	405	413	

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