

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

Date of Reporting: **17-Apr-18**  
System Reliability Indices Report for: **16-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	1	0.25	1.04
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 16-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%	792	756	772	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	761	769	
	Anta	0.00%	100.00%	0.00%	0.00%	795	773	782	
	Ballia	0.00%	100.00%	0.00%	0.00%	782	745	763	
	Bhiwani	0.00%	96.53%	3.47%	3.47%	807	770	785	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	740	761	
	Greater Noida	0.00%	97.50%	2.50%	2.50%	804	766	781	
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	751	770	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	765	775	
	Meerut	0.00%	93.19%	6.81%	6.81%	810	769	785	
	Moga	0.00%	100.00%	0.00%	0.00%	798	766	776	
	Phagi	0.00%	100.00%	0.00%	0.00%	795	767	781	
	Varanasi	0.00%	100.00%	0.00%	0.00%	787	751	768	
Unnao	0.00%	100.00%	0.00%	0.00%	774	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	780	760	770	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	759	777	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	749	761	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	756	762	
	Bina	0.00%	100.00%	0.00%	0.00%	782	759	771	
	Champa	0.00%	100.00%	0.00%	0.00%	793	782	788	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	774	764	768	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	757	771	
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	761	774	
	Indore	0.00%	100.00%	0.00%	0.00%	782	750	766	
	Koradi	0.00%	100.00%	0.00%	0.00%	772	760	767	
	Pune	0.00%	100.00%	0.00%	0.00%	790	757	776	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	786	791	
	Sasan	0.00%	100.00%	0.00%	0.00%	765	754	759	
	Seoni	0.00%	100.00%	0.00%	0.00%	786	765	774	
	Sipat	0.00%	100.00%	0.00%	0.00%	765	756	760	
	Solapur	0.00%	100.00%	0.00%	0.00%	800	769	785	
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	787	792	
	Tirora	0.00%	100.00%	0.00%	0.00%	772	760	766	
	SR	Vadodara	0.00%	100.00%	0.00%	0.00%	783	752	768
Kurnool		0.00%	96.81%	3.19%	3.19%	806	755	783	
Nellore PS		0.00%	100.00%	0.00%	0.00%	795	755	776	
Raichur		0.00%	99.22%	0.78%	0.78%	803	763	784	
Srikakulam		0.00%	100.00%	0.00%	0.00%	785	765	776	
Thiruvalam		0.00%	100.00%	0.00%	0.00%	799	756	781	
Vemagiri		0.00%	100.00%	0.00%	0.00%	788	760	773	
ER		Angul	0.00%	100.00%	0.00%	0.00%	774	759	767
		Gaya	0.00%	100.00%	0.00%	0.00%	775	743	760
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	787	773	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	781	766	774	
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	406	
NER	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	412	
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	411	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	405	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	412	

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