

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

Date of Reporting: **13-Apr-18**  
System Reliability Indices Report for: **12-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	3	0.75	3.13
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 12-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%	785	756	772	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	788	771	783	
	Anta	0.00%	100.00%	0.00%	0.00%	800	777	786	
	Ballia	0.00%	100.00%	0.00%	0.00%	789	755	777	
	Bhiwani	0.00%	84.17%	15.83%	15.83%	810	776	792	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	751	768	
	Greater Noida	0.00%	90.76%	9.24%	9.24%	803	773	788	
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	762	785	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	786	767	781	
	Meerut	0.00%	91.04%	5.07%	5.07%	807	779	791	
	Moga	0.00%	100.00%	0.00%	0.00%	797	773	784	
	Phagi	0.00%	92.43%	7.57%	7.57%	800	774	788	
Varanasi	0.00%	100.00%	0.00%	0.00%	792	763	781		
Unnao	0.00%	100.00%	0.00%	0.00%	785	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	761	773	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	766	781	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	752	768	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	767	756	763	
	Bina	0.00%	100.00%	0.00%	0.00%	784	762	773	
	Champa	0.00%	97.85%	0.21%	0.21%	802	783	794	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	766	773	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	765	775	
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	760	778	
	Indore	0.00%	100.00%	0.00%	0.00%	784	752	767	
	Koradi	0.00%	100.00%	0.00%	0.00%	777	763	770	
	Pune	0.00%	100.00%	0.00%	0.00%	793	760	778	
	Raigarh Pooling	0.00%	99.10%	0.90%	0.90%	801	789	795	
	Sasan	0.00%	100.00%	0.00%	0.00%	773	763	768	
	Seoni	0.00%	100.00%	0.00%	0.00%	785	766	776	
	Sipat	0.00%	100.00%	0.00%	0.00%	765	757	761	
	Solapur	0.00%	100.00%	0.00%	0.00%	798	772	787	
	Tamnar	0.00%	99.72%	0.28%	0.28%	801	789	795	
	Tirora	0.00%	100.00%	0.00%	0.00%	776	762	769	
	SR	Vadodara	0.00%	100.00%	0.00%	0.00%	782	759	770
Kurnool		0.00%	99.31%	0.69%	0.69%	802	772	788	
Nellore PS		0.00%	100.00%	0.00%	0.00%	785	763	774	
Raichur		0.00%	100.00%	0.00%	0.00%	800	774	787	
Srikakulam		0.00%	100.00%	0.00%	0.00%	790	770	781	
Thiruvalam		0.00%	71.18%	28.82%	28.82%	806	777	792	
Vemagiri		0.00%	100.00%	0.00%	0.00%	786	765	776	
ER		Angul	0.00%	100.00%	0.00%	0.00%	789	767	779
		Gaya	0.00%	100.00%	0.00%	0.00%	782	753	771
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	778	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	772	780	
NER	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408	
	Bongaigaon TPS (400 kV)	0.00%	97.08%	2.92%	2.92%	421	405	413	
	Misa (400 kV)	0.00%	91.60%	8.40%	8.40%	422	401	411	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	404	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	412	

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