

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

Date of Reporting: **1-Apr-18**  
System Reliability Indices Report for: **31-Mar-18**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	Import of NR	5	1.25	5.21
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	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	3	0.75	3.13
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 31-Mar-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	765	777	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	787	772	780	
	Anta	0.00%	100.00%	0.00%	0.00%	791	780	784	
	Ballia	0.00%	100.00%	0.00%	0.00%	792	760	778	
	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	778	792	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	747	762	
	Greater Noida	0.00%	98.61%	1.39%	1.39%	801	777	790	
	Lucknow	0.00%	99.58%	0.42%	0.42%	801	767	786	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	764	775	
	Meerut	0.00%	72.71%	21.18%	21.18%	807	777	794	
	Moga	0.00%	94.72%	5.28%	5.28%	804	775	785	
	Phagi	0.00%	100.00%	0.00%	0.00%	794	729	786	
Varanasi	0.00%	100.00%	0.00%	0.00%	791	765	779		
Unnao	0.00%	100.00%	0.00%	0.00%	784	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	761	774	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	759	778	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	758	772	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	761	765	
	Bina	0.00%	100.00%	0.00%	0.00%	788	772	779	
	Champa	0.00%	100.00%	0.00%	0.00%	798	788	792	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	768	774	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	761	777	
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	775	781	
	Indore	0.00%	100.00%	0.00%	0.00%	783	755	772	
	Koradi	0.00%	100.00%	0.00%	0.00%	775	760	768	
	Pune	0.00%	100.00%	0.00%	0.00%	794	761	779	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	788	792	
	Sasan	0.00%	100.00%	0.00%	0.00%	776	762	770	
	Seoni	0.00%	100.00%	0.00%	0.00%	787	770	779	
	Sipat	0.00%	100.00%	0.00%	0.00%	766	759	763	
	Solapur	0.00%	100.00%	0.00%	0.00%	799	771	786	
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	789	793	
	Tirora	0.00%	100.00%	0.00%	0.00%	770	758	764	
	SR	Vadodara	0.00%	100.00%	0.00%	0.00%	788	759	774
Kurnool		0.00%	97.85%	2.15%	2.15%	803	762	783	
Nellore PS		0.00%	100.00%	0.00%	0.00%	785	762	775	
Raichur		0.00%	100.00%	0.00%	0.00%	799	765	784	
Srikakulam		0.00%	100.00%	0.00%	0.00%	789	771	778	
Thiruvalam		0.00%	92.78%	7.22%	7.22%	804	760	783	
Vemagiri		0.00%	100.00%	0.00%	0.00%	788	766	774	
ER		Angul	0.00%	100.00%	0.00%	0.00%	783	770	776
		Gaya	0.00%	100.00%	0.00%	0.00%	777	750	765
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	780	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	773	780	
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	409	
NER	Bongaigaon TPS (400 kV)	0.00%	89.44%	10.56%	10.56%	422	405	415	
	Misa (400 kV)	0.00%	99.31%	0.69%	0.69%	422	401	411	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	404	
	Silchar (400 kV)	0.00%	97.01%	2.99%	2.99%	421	405	413	

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