

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

Date of Reporting: **31-Mar-18**
System Reliability Indices Report for: **30-Mar-18**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	Import of NR	18	4.50	18.75
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	6	1.50	6.25
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 30-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%	786	763	775	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	769	774	
	Anta	0.00%	100.00%	0.00%	0.00%	791	771	782	
	Ballia	0.00%	100.00%	0.00%	0.00%	785	765	775	
	Bhiwani	0.00%	83.81%	16.19%	16.19%	800	780	790	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	768	751	760	
	Greater Noida	0.00%	100.00%	0.00%	0.00%	797	776	785	
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	773	782	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	779	764	773	
	Meerut	0.00%	80.06%	14.59%	14.59%	806	778	792	
	Moga	0.00%	91.31%	8.69%	8.69%	803	777	787	
	Phagi	0.00%	100.00%	0.00%	0.00%	795	757	784	
Varanasi	0.00%	100.00%	0.00%	0.00%	785	768	777		
Unnao	0.00%	100.00%	0.00%	0.00%	774	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	780	761	769	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	789	759	778	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	760	769	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	767	756	763	
	Bina	0.00%	100.00%	0.00%	0.00%	785	770	777	
	Champa	0.00%	100.00%	0.00%	0.00%	796	783	790	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	767	772	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	769	782	
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	768	779	
	Indore	0.00%	100.00%	0.00%	0.00%	783	757	770	
	Koradi	0.00%	100.00%	0.00%	0.00%	773	760	766	
	Pune	0.00%	100.00%	0.00%	0.00%	792	748	778	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	793	786	790	
	Sasan	0.00%	100.00%	0.00%	0.00%	774	762	769	
	Seoni	0.00%	100.00%	0.00%	0.00%	784	767	776	
	Sipat	0.00%	100.00%	0.00%	0.00%	765	759	762	
	Solapur	0.00%	100.00%	0.00%	0.00%	797	767	787	
	Tamnar	0.00%	100.00%	0.00%	0.00%	795	787	792	
	Tirora	0.00%	100.00%	0.00%	0.00%	768	758	763	
	Vadodara	0.00%	100.00%	0.00%	0.00%	787	758	774	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	795	756	780	
	Nellore PS	0.00%	100.00%	0.00%	0.00%	780	757	773	
	Raichur	0.00%	100.00%	0.00%	0.00%	792	761	782	
	Srikakulam	0.00%	100.00%	0.00%	0.00%	787	770	780	
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	798	756	780	
	Vemagiri	0.00%	100.00%	0.00%	0.00%	784	765	775	
	ER	Angul	0.00%	100.00%	0.00%	0.00%	784	769	777
		Gaya	0.00%	100.00%	0.00%	0.00%	778	761	769
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	782	786
		Ranchi	0.00%	100.00%	0.00%	0.00%	786	772	777
NER	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	407	
	Bongaigaon TPS (400 kV)	0.00%	99.51%	0.49%	0.49%	422	403	414	
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	399	410	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	402	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	407	413	

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