

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

**Date of Reporting: 1-May-18
System Reliability Indices Report for: 30-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 30-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%	787	757	775	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	762	773	
	Anta	0.00%	100.00%	0.00%	0.00%	792	767	782	
	Ballia	0.00%	100.00%	0.00%	0.00%	799	760	779	
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	765	783	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	750	767	
	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	761	782	
	Lucknow	0.00%	99.38%	0.63%	0.63%	801	757	781	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	783	760	775	
	Meerut	0.00%	96.88%	1.60%	1.60%	803	764	786	
	Moga	0.00%	100.00%	0.00%	0.00%	791	765	779	
	Phagi	0.00%	100.00%	0.00%	0.00%	795	762	782	
	Varanasi	0.00%	99.44%	0.56%	0.56%	801	765	781	
Unnao	0.00%	100.00%	0.00%	0.00%	783	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	781	761	772	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	765	779	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	751	768	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	760	763	
	Bina	0.00%	100.00%	0.00%	0.00%	785	785	785	
	Champa	0.00%	37.92%	40.07%	40.07%	806	789	800	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	771	782	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	773	773	773	
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	762	779	
	Indore	0.00%	100.00%	0.00%	0.00%	780	755	767	
	Koradi	0.00%	100.00%	0.00%	0.00%	775	761	768	
	Pune	0.00%	100.00%	0.00%	0.00%	795	740	769	
	Raigarh Pooling	0.00%	79.03%	20.97%	20.97%	804	790	799	
	Sasan	0.00%	100.00%	0.00%	0.00%	775	761	768	
	Seoni	0.00%	100.00%	0.00%	0.00%	785	768	774	
	Sipat	0.00%	100.00%	0.00%	0.00%	769	760	763	
	Solapur	0.00%	99.93%	0.07%	0.07%	800	771	788	
	Tamnar	0.00%	58.40%	41.60%	41.60%	804	795	800	
	Tirora	0.00%	100.00%	0.00%	0.00%	770	759	765	
	Vadodara	0.00%	100.00%	0.00%	0.00%	788	760	773	
SR	Kurnool	0.00%	94.38%	5.63%	5.63%	805	766	791	
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	768	787	
	Raichur	0.00%	97.92%	2.08%	2.08%	801	769	791	
	Srikakulam	0.00%	83.35%	16.65%	16.65%	803	764	781	
	Thiruvallam	0.00%	82.78%	17.22%	17.22%	808	761	790	
	Vemagiri	0.00%	100.00%	0.00%	0.00%	796	765	780	
	ER	Angul	0.00%	100.00%	0.00%	0.00%	799	754	775
		Gaya	0.00%	100.00%	0.00%	0.00%	796	761	776
		Jharsuguda	0.00%	99.72%	0.28%	0.28%	800	784	796
		Ranchi	0.00%	100.00%	0.00%	0.00%	793	778	787
Bongaigaon (400 kV)		0.00%	100.00%	0.00%	0.00%	417	400	408	
NER	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	408	408	408	
	Misa (400 kV)	0.00%	92.99%	7.01%	7.01%	428	406	415	
	Biswanath Chariali (400 kV)	0.00%	99.86%	0.07%	0.07%	426	402	411	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	406	413	

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