

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

Date of Reporting: **30-Apr-18**  
System Reliability Indices Report for: **29-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 29-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%	788	758	775	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	766	754	762	
	Anta	0.00%	100.00%	0.00%	0.00%	796	769	784	
	Ballia	0.00%	100.00%	0.00%	0.00%	785	756	772	
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	772	787	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	750	764	
	Greater Noida	0.00%	100.00%	0.00%	0.00%	796	767	783	
	Lucknow	0.00%	100.00%	0.00%	0.00%	789	758	776	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	780	764	774	
	Meerut	0.00%	96.18%	2.78%	2.78%	804	770	789	
	Moga	0.00%	100.00%	0.00%	0.00%	793	769	784	
	Phagi	0.00%	100.00%	0.00%	0.00%	795	765	783	
Varanasi	0.00%	100.00%	0.00%	0.00%	788	763	777		
Unnao	0.00%	100.00%	0.00%	0.00%	765	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	764	773	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	768	784	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	754	772	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	756	764	
	Bina	0.00%	100.00%	0.00%	0.00%	785	760	783	
	Champa	0.00%	54.93%	34.79%	34.79%	809	785	798	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	769	781	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	773	773	773	
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	761	780	
	Indore	0.00%	100.00%	0.00%	0.00%	789	755	772	
	Koradi	0.00%	100.00%	0.00%	0.00%	777	762	769	
	Pune	0.00%	100.00%	0.00%	0.00%	790	733	759	
	Raigarh Pooling	0.00%	64.03%	35.97%	35.97%	806	788	798	
	Sasan	0.00%	100.00%	0.00%	0.00%	776	759	767	
	Seoni	0.00%	100.00%	0.00%	0.00%	792	762	777	
	Sipat	0.00%	100.00%	0.00%	0.00%	770	758	763	
	Solapur	0.00%	98.54%	1.46%	1.46%	806	776	789	
	Tamnar	0.00%	55.35%	44.65%	44.65%	807	789	799	
	Tirora	0.00%	100.00%	0.00%	0.00%	773	760	766	
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	762	778	
SR	Kurnool	0.00%	97.57%	2.43%	2.43%	806	780	792	
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	778	787	
	Raichur	0.00%	98.61%	1.39%	1.39%	805	781	792	
	Srikakulam	0.00%	100.00%	0.00%	0.00%	799	753	768	
	Thiruvalam	0.00%	97.50%	2.50%	2.50%	802	775	785	
	Vemagiri	0.00%	100.00%	0.00%	0.00%	796	763	781	
	ER	Angul	0.00%	97.08%	2.92%	2.92%	802	750	774
		Gaya	0.00%	100.00%	0.00%	0.00%	789	764	776
		Jharsuguda	0.00%	94.03%	5.97%	5.97%	804	783	795
		Ranchi	0.00%	100.00%	0.00%	0.00%	794	773	785
Bongaigaon (400 kV)		0.00%	100.00%	0.00%	0.00%	416	397	407	
NER	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	408	408	408	
	Misa (400 kV)	0.00%	76.94%	23.06%	23.06%	424	405	415	
	Biswanath Chariali (400 kV)	0.00%	99.72%	0.00%	0.00%	420	401	410	
	Silchar (400 kV)	0.00%	96.88%	3.13%	3.13%	421	405	413	

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