

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

Date of Reporting: **21-Feb-18**  
System Reliability Indices Report for: **20-Feb-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 20-Feb-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%	99.93%	0.07%	0.07%	801	765	783	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	768	774	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	768	772	
	Anta	0.00%	100.00%	0.00%	0.00%	790	767	780	
	Ballia	0.00%	100.00%	0.00%	0.00%	791	763	775	
	Bhiwani	0.00%	85.83%	14.17%	14.17%	809	779	792	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	749	768	
	Greater Noida	0.00%	77.92%	22.08%	22.08%	807	780	794	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	744	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	767	782	
	Lalitpur	0.00%	0.00%	0.00%	0.00%	786	764	775	
	Meerut	0.00%	84.31%	12.22%	12.22%	811	777	792	
	Moga	0.00%	98.89%	1.11%	1.11%	806	764	779	
	Phagi	0.00%	100.00%	0.00%	0.00%	795	768	784	
Varanasi	0.00%	100.00%	0.00%	0.00%	786	766	778		
Unnao	0.00%	100.00%	0.00%	0.00%	776	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	784	761	773	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	767	782	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	756	769	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	759	766	
	Bina	0.00%	100.00%	0.00%	0.00%	785	761	775	
	Champa	0.00%	100.00%	0.00%	0.00%	792	773	783	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	763	772	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	765	779	
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	753	780	
	Indore	0.00%	100.00%	0.00%	0.00%	782	757	771	
	Koradi	0.00%	100.00%	0.00%	0.00%	775	758	768	
	Pune	0.00%	100.00%	0.00%	0.00%	793	752	770	
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	771	785	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	773	783	
	Sasan	0.00%	100.00%	0.00%	0.00%	766	755	761	
	Seoni	0.00%	100.00%	0.00%	0.00%	790	767	778	
	Sipat	0.00%	100.00%	0.00%	0.00%	769	759	764	
	Solapur	0.00%	95.28%	4.72%	4.72%	805	775	790	
	Tamnar	0.00%	100.00%	0.00%	0.00%	796	773	786	
	Tirora	0.00%	100.00%	0.00%	0.00%	770	756	764	
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	769	781	
	Kurnool	0.00%	97.85%	2.15%	2.15%	803	770	788	
	SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	768	780
		Raichur	0.00%	98.40%	1.60%	1.60%	802	775	789
Srikakulam		0.00%	100.00%	0.00%	0.00%	797	778	787	
Thiruvalam		0.00%	86.88%	13.13%	13.13%	804	767	789	
Vemagiri		0.00%	100.00%	0.00%	0.00%	798	769	785	
ER		Angul	0.00%	100.00%	0.00%	0.00%	795	772	784
		Gaya	0.00%	100.00%	0.00%	0.00%	785	760	771
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	780	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	769	779	
NER	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	408	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	404	413	
	Palatana (400 kV)	0.00%	65.42%	33.75%	33.75%	422	415	405	
	Misa (400 kV)	0.00%	84.38%	15.63%	15.63%	425	402	414	
	Biswanath Chariali (400 kV)	0.00%	99.51%	0.35%	0.35%	421	398	409	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	405	414	

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