

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

Date of Reporting: 2-Jan-18  
System Reliability Indices Report for: 1-Jan-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 01-Jan-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%	798	765	785	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	786	767	772	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	784	765	772	
	Anta	0.00%	100.00%	0.00%	0.00%	792	757	780	
	Ballia	0.00%	100.00%	0.00%	0.00%	787	762	774	
	Bhiwani	0.00%	78.68%	21.32%	21.32%	807	768	790	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	755	774	
	Greater Noida	0.00%	70.76%	29.24%	29.24%	809	778	795	
	Jhatikara	0.00%	91.94%	8.06%	8.06%	806	763	787	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	767	780	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	768	776	
	Meerut	0.00%	67.99%	25.56%	25.56%	811	771	792	
	Moga	0.00%	100.00%	0.00%	0.00%	784	777	784	
	Phagi	0.00%	100.00%	0.00%	0.00%	797	753	782	
Varanasi	0.00%	100.00%	0.00%	0.00%	791	766	780		
Unnao	0.00%	100.00%	0.00%	0.00%	783	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	761	777	
	Aurangabad	0.00%	98.68%	1.32%	1.32%	803	770	787	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	753	774	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	755	764	
	Bina	0.00%	100.00%	0.00%	0.00%	793	755	776	
	Champa	0.00%	96.88%	0.28%	0.28%	801	785	795	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	765	775	
	Dhule (BDTCL)	0.00%	97.43%	2.57%	2.57%	802	752	781	
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	761	782	
	Indore	0.00%	100.00%	0.00%	0.00%	789	756	776	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	764	780	
	Koradi	0.00%	100.00%	0.00%	0.00%	778	758	769	
	Pune	0.00%	100.00%	0.00%	0.00%	797	761	781	
	Raigarh Pooling	0.00%	96.81%	3.19%	3.19%	801	787	796	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	777	786	
	Sasan	0.00%	100.00%	0.00%	0.00%	772	754	764	
	Seoni	0.00%	100.00%	0.00%	0.00%	790	763	779	
	Sipat	0.00%	100.00%	0.00%	0.00%	770	756	763	
	Solapur	0.00%	92.08%	7.92%	7.92%	805	772	793	
	Tamnar	0.00%	97.99%	2.01%	2.01%	801	787	796	
SR	Tirora	0.00%	100.00%	0.00%	0.00%	772	756	764	
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	777	789	
	Kurnool	0.00%	86.88%	13.13%	13.13%	806	776	790	
	Nellore PS	0.00%	80.35%	19.65%	19.65%	804	775	790	
	Raichur	0.00%	90.90%	9.10%	9.10%	805	772	788	
	Srikakulam	0.00%	92.29%	7.71%	7.71%	803	779	792	
	Thiruvalam	0.00%	47.01%	52.99%	52.99%	819	787	802	
	Vemagiri	0.00%	100.00%	0.00%	0.00%	798	774	787	
	ER	Angul	0.00%	100.00%	0.00%	0.00%	797	775	787
		Gaya	0.00%	100.00%	0.00%	0.00%	785	761	773
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	779	789
		Ranchi	0.00%	100.00%	0.00%	0.00%	791	772	782
		Sasaram	0.00%	100.00%	0.00%	0.00%	738	738	738
	NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	403	408
		Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	408
Bongaigaon TPS (400 kV)		0.00%	100.00%	0.00%	0.00%	417	401	411	
Byrnihat (400 kV)		0.00%	100.00%	0.00%	0.00%	410	403	408	
Palatana (400 kV)		0.00%	100.00%	0.00%	0.00%	417	410	405	
Misa (400 kV)		0.00%	99.17%	0.83%	0.83%	421	401	411	
Biswanath Chariali (400 kV)		0.00%	100.00%	0.00%	0.00%	417	395	406	
Silchar (400 kV)		0.00%	100.00%	0.00%	0.00%	415	402	410	

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