

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

Date of Reporting: **13-Jan-18**  
System Reliability Indices Report for: **12-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 12-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%	799	768	784	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	768	773	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	761	769	
	Anta	0.00%	100.00%	0.00%	0.00%	797	767	780	
	Ballia	0.00%	100.00%	0.00%	0.00%	786	761	773	
	Bhiwani	0.00%	84.51%	15.49%	15.49%	806	775	791	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	752	769	
	Greater Noida	0.00%	81.56%	18.44%	18.44%	807	777	792	
	Jhatikara	0.00%	81.69%	18.31%	18.31%	808	775	791	
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	730	754	758	
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	761	777	
	Lalitpur	0.00%	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!	
	Meerut	0.00%	79.73%	16.56%	16.56%	807	775	792	
	Moga	0.00%	99.93%	0.07%	0.07%	800	768	783	
	Phagi	0.00%	100.00%	0.00%	0.00%	799	767	783	
	Varanasi	0.00%	100.00%	0.00%	0.00%	784	769	776	
Unnao	0.00%	100.00%	0.00%	0.00%	773	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	760	776	
	Aurangabad	0.00%	99.65%	0.35%	0.35%	801	773	785	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	759	772	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	761	768	
	Bina	0.00%	100.00%	0.00%	0.00%	792	765	777	
	Champa	0.00%	100.00%	0.00%	0.00%	798	780	788	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	765	772	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	769	783	
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	766	782	
	Indore	0.00%	100.00%	0.00%	0.00%	786	758	773	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	773	784	
	Koradi	0.00%	100.00%	0.00%	0.00%	781	758	769	
	Pune	0.00%	100.00%	0.00%	0.00%	791	744	771	
	Raigarh Pooling	0.00%	94.34%	5.66%	5.66%	801	786	792	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	782	787	
	Sasan	0.00%	100.00%	0.00%	0.00%	774	761	767	
	Seoni	0.00%	100.00%	0.00%	0.00%	790	768	778	
	Sipat	0.00%	100.00%	0.00%	0.00%	771	760	765	
	Solapur	0.00%	96.50%	3.50%	3.50%	805	777	790	
	Tamnar	0.00%	98.74%	1.26%	1.26%	800	787	792	
	Tirora	0.00%	100.00%	0.00%	0.00%	773	757	764	
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	771	785	
	Kurnool	0.00%	77.36%	22.64%	22.64%	808	774	794	
	SR	Nellore PS	0.00%	98.53%	1.47%	1.47%	803	775	790
Raichur		0.00%	92.94%	7.06%	7.06%	804	772	790	
Srikakulam		0.00%	79.02%	20.98%	20.98%	806	785	794	
Thiruvallam		0.00%	37.55%	62.45%	62.45%	821	784	803	
Vemagiri		0.00%	91.47%	8.53%	8.53%	803	779	789	
ER		Angul	0.00%	100.00%	0.00%	0.00%	800	781	789
		Gaya	0.00%	100.00%	0.00%	0.00%	784	762	772
	Jharsuguda	0.00%	77.92%	22.08%	22.08%	805	788	795	
NER	Ranchi	0.00%	100.00%	0.00%	0.00%	791	771	781	
	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407	
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	407	
	Bongaigaon TPS (400 kV)	0.00%	98.32%	1.68%	1.68%	421	402	411	
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407	
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	412	405	
	Misa (400 kV)	0.00%	94.27%	5.73%	5.73%	423	399	412	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	393	406	
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	410	

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