

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

Date of Reporting: **10-Jan-18**  
System Reliability Indices Report for: **9-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 09-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%	796	761	782
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	771	774
	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	771	773
	Anta	0.00%	100.00%	0.00%	0.00%	791	768	781
	Ballia	0.00%	100.00%	0.00%	0.00%	788	765	774
	Bhiwani	0.00%	93.68%	6.32%	6.32%	802	767	790
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	744	768
	Greater Noida	0.00%	92.43%	7.57%	7.57%	803	785	796
	Jhatikara	0.00%	99.24%	0.76%	0.76%	801	761	788
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	730	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	765	777
	Lalitpur	0.00%	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Meerut	0.00%	86.94%	9.17%	9.17%	808	767	791
	Moga	0.00%	100.00%	0.00%	0.00%	799	759	783
	Phagi	0.00%	100.00%	0.00%	0.00%	800	763	782
	Varanasi	0.00%	100.00%	0.00%	0.00%	788	768	778
Unnao	0.00%	100.00%	0.00%	0.00%	774	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	750	772
	Aurangabad	0.00%	98.33%	1.67%	1.67%	804	758	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	745	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	754	767
	Bina	0.00%	100.00%	0.00%	0.00%	791	755	777
	Champa	0.00%	99.93%	0.00%	0.00%	800	778	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	764	776
	Dhule (BDTCL)	0.00%	99.58%	0.42%	0.42%	803	757	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	761	780
	Indore	0.00%	100.00%	0.00%	0.00%	796	748	776
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	762	783
	Koradi	0.00%	100.00%	0.00%	0.00%	778	751	766
	Pune	0.00%	99.65%	0.00%	0.00%	800	758	772
	Raigarh Pooling	0.00%	96.16%	3.84%	3.84%	801	783	794
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	778	787
	Sasan	0.00%	100.00%	0.00%	0.00%	774	757	766
	Seoni	0.00%	100.00%	0.00%	0.00%	792	758	778
	Sipat	0.00%	100.00%	0.00%	0.00%	771	755	766
	Solapur	0.00%	93.54%	6.46%	6.46%	809	764	786
	Tamnar	0.00%	99.17%	0.83%	0.83%	801	784	794
	Tirora	0.00%	100.00%	0.00%	0.00%	771	750	762
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	765	782
	Kurnool	0.00%	99.93%	0.07%	0.07%	800	759	779
	SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	761
Raichur		0.00%	98.89%	1.11%	1.11%	802	761	781
Srikakulam		0.00%	85.14%	14.86%	14.86%	807	773	791
Thiruvalem		0.00%	64.43%	35.57%	35.57%	812	770	791
Vemagiri		0.00%	95.35%	4.65%	4.65%	801	762	784
Angul		0.00%	100.00%	0.00%	0.00%	795	779	784
ER	Gaya	0.00%	100.00%	0.00%	0.00%	784	763	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	778	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	770	782
	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407
NER	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	407
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	407
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	413	405
	Misa (400 kV)	0.00%	93.13%	6.88%	6.88%	423	392	413
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	384	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	384	408

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