

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

**Date of Reporting: 20-Dec-17  
System Reliability Indices Report for: 19-Dec-17**

**Percentage (%) of times ATC was violated**

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 19-Dec-2017

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%	99.51%	0.35%	0.35%	802	762	785
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	767	773
	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	766	772
	Anta	0.00%	100.00%	0.00%	0.00%	800	750	786
	Ballia	0.00%	100.00%	0.00%	0.00%	788	761	772
	Bhiwani	0.00%	81.51%	18.49%	18.49%	808	777	793
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	747	767
	Greater Noida	0.00%	100.00%	0.00%	0.00%	793	784	791
	Jhatikara	0.00%	73.04%	26.96%	26.96%	808	782	794
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	752	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	763	778
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	762	772
	Meerut	0.00%	71.99%	21.82%	21.82%	813	774	794
	Moga	0.00%	99.51%	0.49%	0.49%	801	763	779
	Phagi	0.00%	96.94%	3.06%	3.06%	803	753	787
Varanasi	0.00%	100.00%	0.00%	0.00%	790	766	778	
Unnao	0.00%	100.00%	0.00%	0.00%	776	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	755	777
	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	762	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	756	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	756	768
	Bina	0.00%	100.00%	0.00%	0.00%	794	759	779
	Champa	0.00%	40.93%	30.79%	30.79%	809	783	799
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	765	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	765	781
	Gwalior	0.00%	99.37%	0.63%	0.63%	804	762	785
	Indore	0.00%	100.00%	0.00%	0.00%	798	754	777
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	763	781
	Koradi	0.00%	100.00%	0.00%	0.00%	778	754	768
	Pune	0.00%	100.00%	0.00%	0.00%	791	747	773
	Raigarh Pooling	0.00%	58.10%	41.90%	41.90%	806	786	799
	Raipur Pooling	0.00%	77.76%	22.24%	22.24%	800	782	791
	Sasan	0.00%	100.00%	0.00%	0.00%	774	757	766
	Seoni	0.00%	100.00%	0.00%	0.00%	793	764	782
	Sipat	0.00%	100.00%	0.00%	0.00%	772	756	766
	Solapur	0.00%	94.23%	5.77%	5.77%	807	773	790
	Tamnar	0.00%	56.57%	43.43%	43.43%	806	787	799
	Tirora	0.00%	100.00%	0.00%	0.00%	772	752	764
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	765	783
	Kurnool	0.00%	85.68%	14.32%	14.32%	811	768	790
SR	Nellore PS	0.00%	99.10%	0.90%	0.90%	803	770	787
	Raichur	0.00%	91.52%	8.48%	8.48%	808	772	789
	Srikakulam	0.00%	84.29%	15.71%	15.71%	804	783	796
	Thiruvallam	0.00%	46.28%	53.72%	53.72%	815	779	799
	Vemagiri	0.00%	99.79%	0.21%	0.21%	800	774	789
ER	Angul	0.00%	98.61%	1.39%	1.39%	801	778	792
	Gaya	0.00%	100.00%	0.00%	0.00%	786	762	773
	Jharsuguda	0.00%	98.82%	1.18%	1.18%	802	778	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	772	784
	Sasaram	0.00%	100.00%	0.00%	0.00%	764	739	753
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	391	407
	Bongaigaon TPS (400 kV)	0.00%	99.72%	0.28%	0.28%	420	396	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	407
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	406	405
	Misa (400 kV)	0.00%	99.24%	0.76%	0.76%	422	393	409
	Biswanath Chariali (400 kV)	0.07%	99.93%	0.00%	0.07%	419	364	404
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	410	

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