

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

Date of Reporting: **17-Jan-18**  
System Reliability Indices Report for: **16-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 16-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%	797	764	782
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	771	775
	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	770	775
	Anta	0.00%	100.00%	0.00%	0.00%	792	767	782
	Ballia	0.00%	100.00%	0.00%	0.00%	786	762	774
	Bhiwani	0.00%	94.10%	5.90%	5.90%	804	783	793
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	743	767
	Greater Noida	0.00%	98.06%	1.94%	1.94%	803	782	793
	Jhatikara	0.00%	91.94%	8.06%	8.06%	805	774	793
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	730	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	767	779
	Lalitpur	0.00%	0.00%	0.00%	0.00%	782	774	0
	Meerut	0.00%	90.35%	6.67%	6.67%	806	775	792
	Moga	0.00%	100.00%	0.00%	0.00%	796	764	782
	Phagi	0.00%	100.00%	0.00%	0.00%	796	765	784
	Varanasi	0.00%	100.00%	0.00%	0.00%	796	767	780
Unnao	0.00%	100.00%	0.00%	0.00%	777	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	756	773
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	760	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	753	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	756	764
	Bina	0.00%	100.00%	0.00%	0.00%	785	760	777
	Champa	0.00%	100.00%	0.00%	0.00%	799	782	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	765	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	756	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	764	780
	Indore	0.00%	100.00%	0.00%	0.00%	789	751	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	789	765	780
	Koradi	0.00%	100.00%	0.00%	0.00%	775	757	768
	Pune	0.00%	100.00%	0.00%	0.00%	799	746	773
	Raigarh Pooling	0.00%	86.67%	13.33%	13.33%	802	786	793
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	789	780	787
	Sasan	0.00%	100.00%	0.00%	0.00%	769	758	764
	Seoni	0.00%	100.00%	0.00%	0.00%	788	762	776
	Sipat	0.00%	100.00%	0.00%	0.00%	769	756	762
	Solapur	0.00%	96.25%	3.75%	3.75%	808	769	788
	Tamnar	0.00%	95.97%	4.03%	4.03%	801	787	793
	Tirora	0.00%	100.00%	0.00%	0.00%	769	756	764
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	765	782
	Kurnool	0.00%	100.00%	0.00%	0.00%	799	766	784
	SR	Nellore PS	0.00%	99.93%	0.07%	0.07%	800	771
Raichur		0.00%	99.65%	0.35%	0.35%	800	770	784
Srikakulam		0.00%	81.88%	18.13%	18.13%	805	784	794
Thiruvalam		0.00%	50.42%	49.58%	49.58%	818	784	800
Vemagiri		0.00%	97.92%	2.08%	2.08%	803	780	789
Angul		0.00%	100.00%	0.00%	0.00%	799	781	789
ER	Gaya	0.00%	100.00%	0.00%	0.00%	782	759	770
	Jharsuguda	0.00%	96.53%	3.47%	3.47%	801	782	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	771	780
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	404	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	407
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	411
	Byrnhat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	404	407
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	410	405
	Misa (400 kV)	0.00%	99.79%	0.21%	0.21%	422	399	411
	Biswanath Chariali (400 kV)	0.00%	99.86%	0.00%	0.00%	420	393	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	408

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