

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **1-Jan-18**
System Reliability Indices Report for: **31-Dec-17**

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 31-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%	100.00%	0.00%	0.00%	798	771	785
	Anpara-C	0.00%	100.00%	0.00%	0.00%	786	767	772
	Anpara-D	0.00%	100.00%	0.00%	0.00%	786	764	771
	Anta	0.00%	100.00%	0.00%	0.00%	789	764	778
	Ballia	0.00%	100.00%	0.00%	0.00%	791	764	775
	Bhiwani	0.00%	93.61%	6.39%	6.39%	803	773	792
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	760	772
	Greater Noida	0.00%	68.54%	31.46%	31.46%	807	785	796
	Jhatikara	0.00%	89.10%	10.90%	10.90%	805	768	790
	Kanpur GIS	29.17%	70.83%	0.00%	29.17%	744	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	770	782
	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	765	774
	Meerut	0.00%	68.19%	20.49%	20.49%	808	777	795
	Moga	0.00%	99.86%	0.14%	0.14%	801	759	781
	Phagi	0.00%	100.00%	0.00%	0.00%	796	763	782
Varanasi	0.00%	100.00%	0.00%	0.00%	798	769	782	
Unnao	0.00%	99.93%	0.07%	0.07%	800	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	762	777
	Aurangabad	0.00%	99.86%	0.14%	0.14%	801	772	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	751	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	757	764
	Bina	0.00%	100.00%	0.00%	0.00%	792	761	776
	Champa	0.00%	83.40%	11.46%	11.46%	804	787	794
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	767	774
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	760	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	768	782
	Indore	0.00%	100.00%	0.00%	0.00%	786	755	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	766	779
	Koradi	0.00%	100.00%	0.00%	0.00%	779	761	770
	Pune	0.00%	100.00%	0.00%	0.00%	794	758	778
	Raigarh Pooling	0.00%	78.96%	21.04%	21.04%	804	789	795
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	777	788
	Sasan	0.00%	100.00%	0.00%	0.00%	769	755	761
	Seoni	0.00%	100.00%	0.00%	0.00%	790	765	778
	Sipat	0.00%	100.00%	0.00%	0.00%	769	756	762
	Solapur	0.00%	99.58%	0.42%	0.42%	801	778	790
	Tamnar	0.00%	82.36%	17.64%	17.64%	803	789	795
	Tirora	0.00%	100.00%	0.00%	0.00%	774	761	767
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	774	786
	Kurnool	0.00%	91.88%	8.13%	8.13%	805	773	789
	Nellore PS	0.00%	91.18%	8.82%	8.82%	804	776	790
	Raichur	0.00%	99.58%	0.42%	0.42%	803	776	788
Srikakulam	0.00%	99.58%	0.42%	0.42%	801	777	789	
Thiruvalam	0.00%	42.15%	57.85%	57.85%	816	786	803	
Vemagiri	0.00%	100.00%	0.00%	0.00%	797	770	784	
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	775	785
	Gaya	0.00%	100.00%	0.00%	0.00%	790	763	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	780	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	773	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%	411	404	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	408
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	412	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	410

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