

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

Date of Reporting: **1-Nov-17**
System Reliability Indices Report for: **31-Oct-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-Oct-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%	796	770	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	766	770
	Anpara-D	0.00%	100.00%	0.00%	0.00%	772	765	769
	Anta	0.00%	100.00%	0.00%	0.00%	791	773	778
	Bara	0.00%	100.00%	0.00%	0.00%	759	763	769
	Bhiwani	0.00%	93.61%	6.39%	6.39%	808	779	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	743	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	755	769
	Greater Noida	0.00%	93.96%	6.04%	6.04%	807	781	793
	Jhatikara	0.00%	94.79%	5.21%	5.21%	806	774	788
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	789	770	780
	Lalitpur	0.00%	100.00%	0.00%	0.00%	783	768	774
	Meerut	0.00%	80.56%	16.88%	16.88%	812	779	794
	Moga	0.00%	98.19%	1.81%	1.81%	803	774	787
	Phagi	0.00%	100.00%	0.00%	0.00%	795	767	780
	Varanasi	0.00%	100.00%	0.00%	0.00%	790	772	780
Unnao	0.00%	100.00%	0.00%	0.00%	772	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	759	773
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	758	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	748	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	759	766
	Bina	0.00%	100.00%	0.00%	0.00%	785	764	773
	Champa	0.00%	76.25%	9.79%	9.79%	803	790	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	771	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	760	778
	Ektuni	0.00%	100.00%	0.00%	0.00%	785	760	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	769	779
	Indore	0.00%	100.00%	0.00%	0.00%	781	750	765
	Jabalpur	0.00%	100.00%	0.00%	0.00%	789	770	780
	Koradi	0.00%	100.00%	0.00%	0.00%	777	757	768
	Pune	0.00%	100.00%	0.00%	0.00%	789	745	769
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	788	794
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	786	790
	Sasan	0.00%	100.00%	0.00%	0.00%	769	756	764
	Satna	0.00%	100.00%	0.00%	0.00%	773	767	772
	Seoni	0.00%	100.00%	0.00%	0.00%	787	766	777
	Sipat	0.00%	100.00%	0.00%	0.00%	769	760	765
	Solapur	0.00%	96.99%	3.01%	3.01%	803	769	791
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	789	794
	Tirora	0.00%	100.00%	0.00%	0.00%	772	756	764
	Vadodara	0.00%	100.00%	0.00%	0.00%	791	768	779
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	759	766	
Wardha	0.00%	100.00%	0.00%	0.00%	798	771	787	
SR	Kurnool	0.00%	94.51%	5.49%	5.49%	803	762	787
	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	782	794
	Raichur	0.00%	91.94%	8.06%	8.06%	803	771	788
	Nizamabad	0.00%	90.14%	9.86%	9.86%	807	769	789
	Srikakulam	0.00%	88.82%	11.18%	11.18%	802	790	797
	Thiruvallam	0.00%	53.19%	46.81%	46.81%	819	784	802
ER	Vemagiri	0.00%	100.00%	0.00%	0.00%	797	785	792
	Angul	0.00%	100.00%	0.00%	0.00%	796	784	790
	Gaya	0.00%	100.00%	0.00%	0.00%	784	765	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	786	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	780	788
NER	Sasaram	0.00%	100.00%	0.00%	0.00%	788	742	767
	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	386	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	409
	Bongaigaon TPS (400 kV)	0.00%	70.14%	29.86%	29.86%	424	392	416
	Byrnhit (400 kV)	0.00%	100.00%	0.00%	0.00%	413	386	409
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	421	401	405
	Misa (400 kV)	0.00%	79.86%	20.14%	20.14%	423	402	414
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	409
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	413

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