

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

Date of Reporting: **31-Oct-17**
System Reliability Indices Report for: **30-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 30-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%	795	763	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	767	769
	Anpara-D	0.00%	100.00%	0.00%	0.00%	772	766	768
	Anta	0.00%	100.00%	0.00%	0.00%	787	752	777
	Bara	0.00%	100.00%	0.00%	0.00%	759	763	769
	Bhiwani	0.00%	84.44%	15.56%	15.56%	806	781	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	743	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	759	770
	Greater Noida	0.00%	99.58%	0.42%	0.42%	802	780	789
	Jhatikara	0.00%	99.44%	0.56%	0.56%	802	776	790
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	788	773	781
	Lalitpur	0.00%	100.00%	0.00%	0.00%	784	767	775
	Meerut	0.00%	81.88%	17.08%	17.08%	811	776	793
	Moga	0.00%	95.76%	4.24%	4.24%	805	774	791
	Phagi	0.00%	100.00%	0.00%	0.00%	793	765	781
	Varanasi	0.00%	100.00%	0.00%	0.00%	793	769	782
Unnao	0.00%	100.00%	0.00%	0.00%	772	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	761	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	768	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	751	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	761	767
	Bina	0.00%	100.00%	0.00%	0.00%	784	762	773
	Champa	0.00%	84.44%	9.44%	9.44%	804	789	798
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	770	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	768	781
	Ektuni	0.00%	100.00%	0.00%	0.00%	786	757	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	762	778
	Indore	0.00%	100.00%	0.00%	0.00%	788	755	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	789	769	779
	Koradi	0.00%	100.00%	0.00%	0.00%	779	757	769
	Pune	0.00%	100.00%	0.00%	0.00%	791	746	774
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	787	794
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	777	790
	Sasan	0.00%	100.00%	0.00%	0.00%	769	756	764
	Satna	0.00%	100.00%	0.00%	0.00%	773	764	768
	Seoni	0.00%	100.00%	0.00%	0.00%	789	767	779
	Sipat	0.00%	100.00%	0.00%	0.00%	769	760	765
	Solapur	0.00%	84.79%	15.21%	15.21%	805	776	793
	Tamnar	0.00%	100.00%	0.00%	0.00%	799	788	794
	Tirora	0.00%	100.00%	0.00%	0.00%	774	756	765
Vadodara	0.00%	100.00%	0.00%	0.00%	794	771	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	771	758	766	
Wardha	0.00%	99.51%	0.49%	0.49%	801	773	788	
SR	Kurnool	0.00%	93.75%	6.25%	6.25%	802	772	789
	Nellore PS	0.00%	97.22%	2.78%	2.78%	803	778	789
	Raichur	0.00%	95.00%	5.00%	5.00%	802	778	790
	Nizamabad	0.00%	100.00%	0.00%	0.00%	797	772	784
	Srikakulam	0.00%	93.06%	6.94%	6.94%	802	789	796
	Thiruvallam	0.00%	59.51%	40.49%	40.49%	816	789	801
	Vemagiri	0.00%	100.00%	0.00%	0.00%	796	783	791
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	783	790
	Gaya	0.00%	100.00%	0.00%	0.00%	786	765	776
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	786	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	780	788
	Sasaram	0.00%	100.00%	0.00%	0.00%	789	740	772
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	386	410
	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%	415	398	409
	Bongaigaon TPS (400 kV)	0.00%	77.50%	22.50%	22.50%	423	392	418
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	386	410
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	421	401	405
	Misa (400 kV)	0.00%	89.37%	10.63%	10.63%	423	402	417
	Ranganadi (400 kV)	0.00%	67.36%	32.64%	32.64%	2067	401	692
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	413

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