

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **28-Oct-17**
System Reliability Indices Report for: **27-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 27-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	779
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	764	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	769	763	765
	Anta	0.00%	100.00%	0.00%	0.00%	787	764	776
	Bara	0.00%	100.00%	0.00%	0.00%	759	763	769
	Bhiwani	0.00%	95.48%	4.52%	4.52%	803	773	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	750	764
	Greater Noida	0.00%	92.01%	7.99%	7.99%	803	774	789
	Jhatikara	0.00%	97.01%	2.99%	2.99%	802	773	787
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	786	769	778
	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	768	776
	Meerut	0.00%	89.44%	8.41%	8.41%	809	773	790
	Moga	0.00%	97.01%	2.99%	2.99%	802	769	786
	Phagi	0.00%	100.00%	0.00%	0.00%	795	762	778
	Varanasi	0.00%	100.00%	0.00%	0.00%	786	770	779
Unnao	0.00%	100.00%	0.00%	0.00%	767	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	759	770
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	765	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	749	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	755	763
	Bina	0.00%	100.00%	0.00%	0.00%	784	760	771
	Champa	0.00%	86.87%	5.63%	5.63%	804	783	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	766	773
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	766	777
	Ektuni	0.00%	100.00%	0.00%	0.00%	782	755	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	763	777
	Indore	0.00%	100.00%	0.00%	0.00%	788	751	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	766	777
	Koradi	0.00%	100.00%	0.00%	0.00%	773	757	765
	Pune	0.00%	99.37%	0.00%	0.00%	800	746	773
	Raigarh Pooling	0.00%	97.29%	2.71%	2.71%	802	787	794
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	777	792
	Sasan	0.00%	100.00%	0.00%	0.00%	766	755	760
	Satna	0.00%	100.00%	0.00%	0.00%	772	762	769
	Seoni	0.00%	100.00%	0.00%	0.00%	788	763	775
	Sipat	0.00%	100.00%	0.00%	0.00%	768	757	762
	Solapur	0.00%	99.86%	0.14%	0.14%	800	772	787
	Tamnar	0.00%	95.48%	4.52%	4.52%	802	790	795
	Tirora	0.00%	100.00%	0.00%	0.00%	767	755	761
Vadodara	0.00%	100.00%	0.00%	0.00%	793	769	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	767	759	763	
Wardha	0.00%	100.00%	0.00%	0.00%	797	771	784	
SR	Kurnool	0.00%	91.38%	8.62%	8.62%	807	771	787
	Nellore PS	0.00%	98.47%	1.53%	1.53%	805	768	779
	Raichur	0.00%	99.17%	0.83%	0.83%	801	771	784
	Nizamabad	0.00%	100.00%	0.00%	0.00%	792	774	783
	Srikakulam	0.00%	99.93%	0.07%	0.07%	800	786	793
	Thiruvallam	0.00%	69.98%	30.02%	30.02%	811	779	794
	Vemagiri	0.00%	100.00%	0.00%	0.00%	798	781	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	781	786
	Gaya	0.00%	100.00%	0.00%	0.00%	781	766	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	784	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	779	785
	Sasaram	0.00%	100.00%	0.00%	0.00%	783	737	762
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	406
	Bongaigaon TPS (400 kV)	0.00%	99.31%	0.69%	0.69%	421	392	415
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	409
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	420	401	405
	Misa (400 kV)	0.00%	96.11%	3.89%	3.89%	422	402	416
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	409
	Biswanath Chariali (400 kV)	0.00%	99.93%	0.00%	0.00%	420	402	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	412

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