

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **18-Oct-17**
System Reliability Indices Report for: **17-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 17-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%	792	768	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	768	757	764
	Anpara-D	0.00%	100.00%	0.00%	0.00%	768	757	764
	Anta	0.00%	100.00%	0.00%	0.00%	787	772	777
	Bara	0.00%	100.00%	0.00%	0.00%	758	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	774	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	752	768
	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	772	785
	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	771	785
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	786	753	773
	Lalitpur	0.00%	100.00%	0.00%	0.00%	777	758	771
	Meerut	0.00%	97.22%	2.22%	2.22%	803	770	787
	Moga	0.00%	97.99%	2.01%	2.01%	802	771	785
	Phagi	0.00%	100.00%	0.00%	0.00%	788	770	779
	Varanasi	0.00%	100.00%	0.00%	0.00%	787	760	776
Unnao	0.00%	100.00%	0.00%	0.00%	766	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	764	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	761	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	758	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	762	767
	Bina	0.00%	100.00%	0.00%	0.00%	784	769	775
	Champa	0.00%	92.01%	2.71%	2.71%	803	790	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	769	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	763	778
	Ektuni	0.00%	100.00%	0.00%	0.00%	787	761	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	770	780
	Indore	0.00%	100.00%	0.00%	0.00%	789	754	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	790	774	781
	Koradi	0.00%	100.00%	0.00%	0.00%	777	761	768
	Pune	0.00%	100.00%	0.00%	0.00%	793	736	773
	Raigarh Pooling	0.00%	99.83%	0.17%	0.17%	800	791	796
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	777	792
	Sasan	0.00%	100.00%	0.00%	0.00%	768	757	762
	Satna	0.00%	100.00%	0.00%	0.00%	772	762	766
	Seoni	0.00%	100.00%	0.00%	0.00%	788	766	779
	Sipat	0.00%	100.00%	0.00%	0.00%	770	761	765
	Solapur	0.00%	77.64%	22.36%	22.36%	807	777	793
	Tamnar	0.00%	95.90%	4.10%	4.10%	802	790	797
	Tirora	0.00%	100.00%	0.00%	0.00%	771	758	765
Vadodara	0.00%	100.00%	0.00%	0.00%	788	761	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	770	759	763	
Wardha	0.00%	100.00%	0.00%	0.00%	798	767	788	
SR	Kurnool	0.00%	75.97%	24.03%	24.03%	806	770	791
	Nellore PS	0.00%	89.10%	10.90%	10.90%	802	768	789
	Raichur	0.00%	85.28%	14.72%	14.72%	804	774	790
	Nizamabad	0.00%	100.00%	0.00%	0.00%	798	769	787
	Srikakulam	0.00%	88.40%	11.60%	11.60%	803	753	790
	Thiruvalam	0.00%	25.42%	74.58%	74.58%	821	792	806
ER	Vemagiri	0.00%	100.00%	0.00%	0.00%	800	744	781
	Angul	0.00%	100.00%	0.00%	0.00%	796	767	787
	Gaya	0.00%	100.00%	0.00%	0.00%	781	754	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	778	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	773	785
NER	Sasaram	0.00%	100.00%	0.00%	0.00%	783	753	772
	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	386	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	399	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	398	403
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	409	386	407
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	420	401	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	410
	Ranganadi (400 kV)	0.00%	97.78%	2.22%	2.22%	424	401	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	409

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