

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 22-Oct-17
System Reliability Indices Report for: 21-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 21-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%	789	770	780
	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	764	767
	Anpara-D	0.00%	100.00%	0.00%	0.00%	770	764	766
	Anta	0.00%	100.00%	0.00%	0.00%	790	774	782
	Bara	0.00%	100.00%	0.00%	0.00%	759	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	780	792
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	757	766
	Greater Noida	0.00%	99.86%	0.14%	0.14%	802	779	792
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	779	790
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	760	754	758
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	772	780
	Lalitpur	0.00%	100.00%	0.00%	0.00%	788	770	777
	Meerut	0.00%	89.10%	7.01%	7.01%	807	774	792
	Moga	0.00%	99.93%	0.07%	0.07%	801	774	788
	Phagi	0.00%	100.00%	0.00%	0.00%	794	775	783
	Varanasi	0.00%	100.00%	0.00%	0.00%	789	772	780
Unnao	0.00%	100.00%	0.00%	0.00%	769	752	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	769	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	769	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	747	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	759	765
	Bina	0.00%	100.00%	0.00%	0.00%	781	762	772
	Champa	0.00%	100.00%	0.00%	0.00%	796	785	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	767	773
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	760	778
	Ektuni	0.00%	100.00%	0.00%	0.00%	785	766	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	768	779
	Indore	0.00%	100.00%	0.00%	0.00%	783	750	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	782	763	774
	Koradi	0.00%	100.00%	0.00%	0.00%	775	764	770
	Pune	0.00%	100.00%	0.00%	0.00%	789	752	770
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	792	783	788
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	780	780	780
	Sasan	0.00%	100.00%	0.00%	0.00%	769	760	766
	Satna	0.00%	100.00%	0.00%	0.00%	773	765	769
	Seoni	0.00%	100.00%	0.00%	0.00%	785	768	777
	Sipat	0.00%	100.00%	0.00%	0.00%	768	760	764
	Solapur	0.00%	92.36%	7.64%	7.64%	803	782	793
Tamnar	0.00%	100.00%	0.00%	0.00%	794	786	790	
Tirora	0.00%	100.00%	0.00%	0.00%	769	761	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	769	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	771	764	769	
Wardha	0.00%	100.00%	0.00%	0.00%	791	772	782	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	799	778	791
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	780	788
	Raichur	0.00%	98.40%	1.60%	1.60%	801	779	792
	Nizamabad	0.00%	100.00%	0.00%	0.00%	795	775	783
	Srikakulam	0.00%	88.96%	11.04%	11.04%	802	780	793
	Thiruvalem	0.00%	62.64%	37.36%	37.36%	808	792	800
	Vemagiri	0.00%	100.00%	0.00%	0.00%	799	773	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	797	782	790
	Gaya	0.00%	100.00%	0.00%	0.00%	784	766	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	782	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	779	787
	Sasaram	0.00%	100.00%	0.00%	0.00%	783	762	773
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	410
	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%	411	398	407
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	392	415
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	386	410
	Palatana (400 kV)	0.00%	0.00%	0.00%	0.00%	421	401	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	414
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	416
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	410
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	414	

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