

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
21-Oct-2019 to 27-Oct-2019

Date: 31-Oct-2019

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	ER-NER	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	ER-NER	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 week from 21-Oct-2019 to 27-Oct-2019

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%	797	765	784
	Anpara-C	0.00%	100.00%	0.00%	0.00%	787	766	775
	Anpara-D	0.00%	100.00%	0.00%	0.00%	787	765	773
	Anta	0.00%	100.00%	0.00%	0.00%	794	755	780
	Ballia	0.00%	100.00%	0.00%	0.00%	789	760	778
	Bhiwani	0.00%	94.67%	5.33%	5.33%	804	769	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	752	752	752
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	743	765
	Greater Noida	0.00%	97.21%	2.79%	2.79%	803	774	792
	Jhatikara	0.00%	99.92%	0.08%	0.08%	802	731	787
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	792	766	780
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	771	787
	Lalitpur	0.00%	99.94%	0.00%	0.00%	788	760	777
	Meerut	0.00%	96.65%	3.35%	3.35%	805	758	786
	Moga	0.00%	99.98%	0.02%	0.02%	805	749	777
	Phagi	0.00%	99.96%	0.04%	0.04%	801	763	786
Varanasi	0.00%	100.00%	0.00%	0.00%	795	764	782	
Unnao	0.00%	100.00%	0.00%	0.00%	782	753	770	
WR	Akola	0.00%	99.94%	0.06%	0.06%	801	775	787
	Aurangabad	0.00%	99.08%	0.92%	0.92%	800	767	786
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	759	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	791	768	779
	Bina	0.00%	100.00%	0.00%	0.00%	796	772	785
	Champa	0.00%	99.84%	0.16%	0.16%	803	781	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	768	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	770	785
	Indore	0.00%	100.00%	0.00%	0.00%	783	751	768
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	775	787
	Koradi	0.00%	100.00%	0.00%	0.00%	786	765	775
	Pune	0.00%	100.00%	0.00%	0.00%	800	756	784
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	780	788
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	786	775	780
	Sasan	0.00%	100.00%	0.00%	0.00%	782	766	773
	Satna	0.00%	100.00%	0.00%	0.00%	792	771	781
	Seoni	0.00%	100.00%	0.00%	0.00%	800	773	787
	Sipat	0.00%	100.00%	0.00%	0.00%	789	770	779
	Solapur	0.00%	94.55%	5.45%	5.45%	804	772	790
	Tamnar	0.00%	99.98%	0.02%	0.02%	800	783	791
Tirora	0.00%	100.00%	0.00%	0.00%	778	760	770	
Vadodara	0.00%	100.00%	0.00%	0.00%	800	769	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	800	769	775	
Wardha	0.00%	99.73%	0.27%	0.27%	800	769	786	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	796	758	776
	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	757	774
	Raichur	0.00%	99.96%	0.04%	0.04%	800	766	782
	Nizamabad	0.00%	96.21%	3.79%	3.79%	812	771	786
	Srikakulam	0.00%	100.00%	0.00%	0.00%	799	772	788
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	799	772	788
	Vemagiri	0.00%	100.00%	0.00%	0.00%	784	759	774
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	773	785
	Gaya	0.00%	100.00%	0.00%	0.00%	787	761	777
	Jharsuguda	0.00%	98.30%	1.70%	1.70%	803	780	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	770	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	784	750	765
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	411
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	407
	Bongaigaon TPS (400 kV)	0.00%	99.33%	0.67%	0.67%	421	405	414
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	411
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	406	412
	Misa (400 kV)	0.00%	98.17%	1.83%	1.83%	422	398	411
	Ranganadi (400 kV)	0.00%	84.93%	15.07%	15.07%	425	403	415
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	420	395	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	409

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