

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
28-Oct-2019 to 03-Nov-2019

Date: 7-Nov-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	1	0.25	0.15

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	1	0.25	0.15

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 28-Oct-2019 to 03-Nov-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%	798	762	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	761	771
	Anpara-D	0.00%	100.00%	0.00%	0.00%	786	759	769
	Anta	0.00%	100.00%	0.00%	0.00%	795	763	782
	Ballia	0.00%	100.00%	0.00%	0.00%	789	754	773
	Bhiwani	0.00%	98.98%	1.02%	1.02%	803	761	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	752	752	752
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	738	764
	Greater Noida	0.00%	95.06%	4.94%	4.94%	806	764	790
	Jhatikara	0.00%	99.23%	0.77%	0.77%	802	763	785
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	792	759	776
	Lucknow	0.00%	99.85%	0.15%	0.15%	801	759	781
	Lalitpur	0.00%	100.00%	0.00%	0.00%	790	771	782
	Meerut	0.00%	99.66%	0.34%	0.34%	804	751	782
	Moga	0.00%	100.00%	0.00%	0.00%	796	747	774
	Phagi	0.00%	100.00%	0.00%	0.00%	800	761	785
Varanasi	0.00%	100.00%	0.00%	0.00%	793	763	779	
Unnao	0.00%	100.00%	0.00%	0.00%	784	756	770	
WR	Akola	0.00%	100.00%	0.00%	0.00%	797	766	785
	Aurangabad	0.00%	99.98%	0.02%	0.02%	800	761	785
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	753	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	786	770	779
	Bina	0.00%	100.00%	0.00%	0.00%	796	765	782
	Champa	0.00%	100.00%	0.00%	0.00%	796	780	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	768	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	764	784
	Indore	0.00%	100.00%	0.00%	0.00%	779	747	764
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	771	785
	Koradi	0.00%	100.00%	0.00%	0.00%	781	759	772
	Pune	0.00%	100.00%	0.00%	0.00%	799	764	784
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	780	789
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	786	775	780
	Sasan	0.00%	100.00%	0.00%	0.00%	783	760	771
	Satna	0.00%	100.00%	0.00%	0.00%	792	763	779
	Seoni	0.00%	100.00%	0.00%	0.00%	795	769	786
	Sipat	0.00%	100.00%	0.00%	0.00%	786	771	780
	Solapur	0.00%	98.27%	1.73%	1.73%	803	751	789
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	781	791
Tirora	0.00%	100.00%	0.00%	0.00%	773	757	767	
Vadodara	0.00%	97.11%	2.89%	2.89%	805	770	788	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	805	770	773	
Wardha	0.00%	100.00%	0.00%	0.00%	805	770	785	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	794	750	772
	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	751	771
	Raichur	0.00%	99.98%	0.02%	0.02%	800	758	780
	Nizamabad	0.00%	94.58%	5.42%	5.42%	807	765	787
	Srikakulam	0.00%	100.00%	0.00%	0.00%	796	769	786
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	796	769	786
	Vemagiri	0.00%	100.00%	0.00%	0.00%	781	757	772
ER	Angul	0.00%	100.00%	0.00%	0.00%	791	771	784
	Gaya	0.00%	100.00%	0.00%	0.00%	787	757	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	781	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	772	781
	Sasaram	0.00%	100.00%	0.00%	0.00%	778	747	762
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	410
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	393	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	383	404
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	398	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	410
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	411
	Misa (400 kV)	0.00%	99.84%	0.16%	0.16%	421	396	409
	Ranganadi (400 kV)	0.20%	91.97%	7.82%	8.03%	428	400	414
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	420	395	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	408

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