

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
18-Jan-2021 to 24-Jan-2021

Date: 29-Jan-2021

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 18-Jan-2021 to 24-Jan-2021

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%	800	750	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	756	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	775	756	766
	Anta	0.00%	100.00%	0.00%	0.00%	795	758	779
	Ballia	0.00%	100.00%	0.00%	0.00%	787	746	772
	Bara	0.00%	100.00%	0.00%	0.00%	785	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	755	780
	Bareilly	0.00%	99.58%	0.42%	0.42%	801	744	779
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	743	766
	Greater Noida	0.00%	94.88%	5.12%	5.12%	805	754	784
	Jhatikara	0.00%	99.92%	0.08%	0.08%	801	751	780
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	792	735	772
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	745	777
	Meerut	0.00%	98.85%	1.15%	1.15%	803	746	780
	Moga	0.00%	100.00%	0.00%	0.00%	800	746	771
	Phagi	0.00%	100.00%	0.00%	0.00%	799	752	779
	Varanasi	0.00%	100.00%	0.00%	0.00%	789	751	776
	Unnao	0.00%	100.00%	0.00%	0.00%	748	748	748
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	758	773
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	754	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	750	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	756	769
	Bina	0.00%	100.00%	0.00%	0.00%	797	752	779
	Champa	0.00%	100.00%	0.00%	0.00%	799	770	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	760	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	752	781
	Indore	0.00%	100.00%	0.00%	0.00%	789	750	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	761	784
	Koradi	0.00%	100.00%	0.00%	0.00%	780	756	767
	Pune	0.00%	100.00%	0.00%	0.00%	800	756	786
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	773	786
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	764	779
	Sasan	0.00%	100.00%	0.00%	0.00%	782	760	773
	Satna	0.00%	100.00%	0.00%	0.00%	792	756	777
	Seoni	0.00%	100.00%	0.00%	0.00%	793	753	774
	Sipat	0.00%	100.00%	0.00%	0.00%	779	758	769
	Solapur	0.00%	99.67%	0.33%	0.33%	804	762	785
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	776	787
Tirora	0.00%	100.00%	0.00%	0.00%	773	753	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	753	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	753	775	
Wardha	0.00%	99.98%	0.02%	0.02%	795	753	780	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	799	743	774
	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	742	773
	Raichur	0.00%	100.00%	0.00%	0.00%	799	746	777
	Nizamabad	0.00%	97.94%	2.06%	2.06%	809	753	780
	Srikakulam	0.00%	99.03%	0.97%	0.97%	809	761	781
	Thiruvallam	0.00%	99.03%	0.97%	0.97%	809	761	781
	Vemagiri	0.00%	92.76%	7.24%	7.24%	811	753	784
ER	Angul	0.00%	99.99%	0.01%	0.01%	801	757	773
	Gaya	0.00%	100.00%	0.00%	0.00%	787	750	772
	Jharsuguda	0.00%	99.37%	0.63%	0.63%	804	772	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	761	778
	Sasaram	0.00%	100.00%	0.00%	0.00%	780	741	765
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	405	410
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	411
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	410	405	410
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	409
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	392	400
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	405
	Biswanath Chariali (400 kV)	0.01%	100.00%	0.00%	0.01%	415	394	403
Silchar (400 kV)	0.02%	100.00%	0.00%	0.02%	412	405	409	

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