

**POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI**

**System Reliability Indices Report for the week from
21-Dec-2020 to 27-Dec-2020**

Date: 1-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	19	4.75	2.83
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	6	1.50	0.89
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-Dec-2020 to 27-Dec-2020

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	747	779
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	757	769
	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	757	769
	Anta	0.00%	100.00%	0.00%	0.00%	796	748	780
	Ballia	0.00%	100.00%	0.00%	0.00%	789	738	772
	Bara	0.00%	100.00%	0.00%	0.00%	766	763	769
	Bhiwani	0.00%	99.68%	0.32%	0.32%	804	749	781
	Bareilly	0.00%	99.87%	0.13%	0.13%	801	743	782
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	739	767
	Greater Noida	0.00%	96.12%	3.88%	3.88%	805	752	787
	Jhatikara	0.00%	99.97%	0.03%	0.03%	801	747	781
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	746	771
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	741	779
	Meerut	0.00%	99.79%	0.21%	0.21%	803	749	780
	Moga	0.00%	99.70%	0.30%	0.30%	803	742	771
	Phagi	0.00%	100.00%	0.00%	0.00%	798	745	779
Varanasi	0.00%	100.00%	0.00%	0.00%	792	748	777	
Unnao	0.00%	100.00%	0.00%	0.00%	788	733	769	
WR	Akola	0.00%	100.00%	0.00%	0.00%	795	756	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	744	775
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	749	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	783	756	770
	Bina	0.00%	100.00%	0.00%	0.00%	794	751	777
	Champa	0.00%	100.00%	0.00%	0.00%	799	769	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	755	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	747	780
	Indore	0.00%	100.00%	0.00%	0.00%	787	749	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	757	779
	Koradi	0.00%	100.00%	0.00%	0.00%	786	750	770
	Pune	0.00%	100.00%	0.00%	0.00%	798	750	778
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	769	784
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	766	779
	Sasan	0.00%	100.00%	0.00%	0.00%	780	757	770
	Satna	0.00%	100.00%	0.00%	0.00%	790	752	776
	Seoni	0.00%	100.00%	0.00%	0.00%	794	751	774
	Sipat	0.00%	100.00%	0.00%	0.00%	781	756	771
	Solapur	0.00%	100.00%	0.00%	0.00%	799	750	781
	Tamnar	0.00%	100.00%	0.00%	0.00%	798	773	786
Tirora	0.00%	100.00%	0.00%	0.00%	783	747	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	757	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	757	772	
Wardha	0.00%	99.50%	0.50%	0.50%	795	757	782	
SR	Kurnool	0.00%	99.99%	0.01%	0.01%	801	744	776
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	746	773
	Raichur	0.00%	99.89%	0.11%	0.11%	801	743	777
	Nizamabad	0.00%	91.88%	8.12%	8.12%	815	737	783
	Srikakulam	0.00%	96.57%	3.43%	3.43%	810	745	781
	Thiruvallam	0.00%	96.57%	3.43%	3.43%	810	745	781
Vemagiri	0.00%	85.78%	14.22%	14.22%	811	748	786	
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	740	772
	Gaya	0.00%	100.00%	0.00%	0.00%	786	740	771
	Jharsuguda	0.00%	99.83%	0.17%	0.17%	802	766	786
	Ranchi	0.00%	99.99%	0.01%	0.01%	907	758	776
	Sasaram	0.00%	100.00%	0.00%	0.00%	782	739	765
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	405	405	405
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	410
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	412
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	405	405	405
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	406	413
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	391	404
	Ranganadi (400 kV)	0.00%	99.99%	0.01%	0.01%	420	393	406
Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	393	406	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	409	

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