

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

**System Reliability Indices Report for the week from  
04-Jan-2021 to 10-Jan-2021**

Date: 15-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	13	3.25	1.93
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	1	0.25	0.15
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 04-Jan-2021 to 10-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	758	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	759	770
	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	759	770
	Anta	0.00%	100.00%	0.00%	0.00%	799	761	780
	Ballia	0.00%	100.00%	0.00%	0.00%	789	748	773
	Bara	0.00%	100.00%	0.00%	0.00%	788	763	769
	Bhiwani	0.00%	99.81%	0.19%	0.19%	804	762	783
	Bareilly	0.00%	97.09%	2.91%	2.91%	804	752	784
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	742	768
	Greater Noida	0.00%	94.72%	5.28%	5.28%	805	759	787
	Jhatikara	0.00%	99.92%	0.08%	0.08%	800	757	783
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	752	772
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	750	779
	Meerut	0.00%	99.95%	0.05%	0.05%	802	747	779
	Moga	0.00%	99.92%	0.08%	0.08%	804	743	773
	Phagi	0.00%	100.00%	0.00%	0.00%	800	756	781
	Varanasi	0.00%	100.00%	0.00%	0.00%	794	756	778
Unnao	0.00%	100.00%	0.00%	0.00%	748	748	748	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	758	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	751	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	754	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	784	756	770
	Bina	0.00%	100.00%	0.00%	0.00%	797	757	780
	Champa	0.00%	100.00%	0.00%	0.00%	799	766	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	757	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	759	783
	Indore	0.00%	100.00%	0.00%	0.00%	788	753	771
	Jabalpur	0.00%	99.98%	0.02%	0.02%	800	762	782
	Koradi	0.00%	100.00%	0.00%	0.00%	778	753	766
	Pune	0.00%	100.00%	0.00%	0.00%	800	751	777
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	769	785
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	764	779
	Sasan	0.00%	100.00%	0.00%	0.00%	784	761	772
	Satna	0.00%	100.00%	0.00%	0.00%	795	761	779
	Seoni	0.00%	100.00%	0.00%	0.00%	792	752	775
	Sipat	0.00%	100.00%	0.00%	0.00%	783	757	770
	Solapur	0.00%	99.66%	0.34%	0.34%	801	756	783
	Tamnar	0.00%	100.00%	0.00%	0.00%	797	773	787
Tirora	0.00%	100.00%	0.00%	0.00%	773	753	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	758	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	794	758	774	
Wardha	0.00%	100.00%	0.00%	0.00%	794	758	780	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	799	749	777
	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	748	773
	Raichur	0.00%	100.00%	0.00%	0.00%	799	749	778
	Nizamabad	0.00%	96.23%	3.77%	3.77%	806	740	782
	Srikakulam	0.00%	97.38%	2.62%	2.62%	805	754	781
	Thiruvallam	0.00%	97.38%	2.62%	2.62%	805	754	781
	Vemagiri	0.00%	87.24%	12.76%	12.76%	810	758	783
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	750	771
	Gaya	0.00%	100.00%	0.00%	0.00%	787	752	773
	Jharsuguda	0.00%	98.45%	1.55%	1.55%	804	771	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	762	778
	Sasaram	0.00%	100.00%	0.00%	0.00%	785	750	769
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	410
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	408
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	418	408	413
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	389	402
	Ranganadi (400 kV)	0.00%	99.74%	0.26%	0.26%	423	391	407
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	405
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.