

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
15-Mar-2021 to 21-Mar-2021

Date: 26-Mar-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	17	4.25	2.53
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 15-Mar-2021 to 21-Mar-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%	99.79%	0.21%	0.21%	805	749	782
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	758	765
	Anpara-D	0.00%	100.00%	0.00%	0.00%	775	758	765
	Anta	0.00%	100.00%	0.00%	0.00%	800	767	785
	Ballia	0.00%	100.00%	0.00%	0.00%	783	743	764
	Bara	0.00%	100.00%	0.00%	0.00%	791	763	769
	Bhiwani	0.00%	99.91%	0.09%	0.09%	800	764	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	798	746	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	748	767
	Greater Noida	0.00%	95.02%	4.98%	4.98%	805	756	787
	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	757	783
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	789	744	772
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	748	771
	Meerut	0.00%	99.91%	0.09%	0.09%	801	754	783
	Moga	0.00%	99.94%	0.06%	0.06%	801	757	779
	Phagi	0.00%	100.00%	0.00%	0.00%	798	765	786
	Varanasi	0.00%	100.00%	0.00%	0.00%	787	756	773
	Unnao	0.00%	100.00%	0.00%	0.00%	777	738	757
WR	Akola	0.00%	100.00%	0.00%	0.00%	793	759	773
	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	754	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	755	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	785	766	775
	Bina	0.00%	100.00%	0.00%	0.00%	796	765	781
	Champa	0.00%	99.99%	0.01%	0.01%	800	777	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	771	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	763	785
	Indore	0.00%	100.00%	0.00%	0.00%	791	754	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	773	787
	Koradi	0.00%	100.00%	0.00%	0.00%	781	761	770
	Pune	0.00%	100.00%	0.00%	0.00%	800	750	779
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	780	788
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	779	786
	Sasan	0.00%	100.00%	0.00%	0.00%	782	765	773
	Satna	0.00%	100.00%	0.00%	0.00%	793	764	780
	Seoni	0.00%	100.00%	0.00%	0.00%	795	765	779
	Sipat	0.00%	100.00%	0.00%	0.00%	783	768	775
	Solapur	0.00%	91.97%	8.03%	8.03%	806	753	779
	Tamnar	0.00%	100.00%	0.00%	0.00%	796	782	789
Tirora	0.00%	100.00%	0.00%	0.00%	775	759	766	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	752	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	793	752	775	
Wardha	0.00%	98.12%	1.88%	1.88%	797	753	784	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	793	748	770
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	748	769
	Raichur	0.00%	97.94%	2.06%	2.06%	812	752	773
	Nizamabad	0.00%	89.11%	10.89%	10.89%	812	755	781
	Srikakulam	0.00%	100.00%	0.00%	0.00%	797	758	775
	Thiruvallam	0.00%	99.70%	0.30%	0.30%	806	758	776
Vemagiri	0.00%	98.79%	1.21%	1.21%	803	759	780	
ER	Angul	0.00%	100.00%	0.00%	0.00%	785	754	768
	Gaya	0.00%	100.00%	0.00%	0.00%	795	750	768
	Jharsuguda	0.00%	99.95%	0.05%	0.05%	801	767	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	748	773
	Sasaram	0.00%	100.00%	0.00%	0.00%	793	743	763
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	392	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	408
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	409
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	409
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	392	405
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	418	393	407
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	414	391	404
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.