

GRID CONTROLLER OF INDIA LIMITED
(Formerly known as POWER SYSTEM OPERATION CORPORATION LIMITED)
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
06-Mar-2023 to 12-Mar-2023

Date: 17-Mar-2023

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 06-Mar-2023 to 12-Mar-2023

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	1	Agra	0.00%	100.00%	0.00%	0.00%	791	753	774	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	791	753	774	
	3	Anpara-C	0.00%	99.29%	0.71%	0.71%	808	761	780	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	799	754	774	
	5	Anta	0.00%	100.00%	0.00%	0.00%	792	757	767	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	775	755	764	
	7	Bara	0.00%	100.00%	0.00%	0.00%	800	763	779	
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	748	769	
	9	Bareilly	0.00%	100.00%	0.00%	0.00%	798	757	775	
	10	Fatehpur	0.00%	99.68%	0.32%	0.32%	804	747	779	
	11	Greater Noida	0.00%	100.00%	0.00%	0.00%	800	738	774	
	12	Jhatikara	0.00%	99.95%	0.05%	0.05%	801	699	773	
	13	Kanpur GIS	0.00%	99.87%	0.13%	0.13%	800	750	779	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	800	749	773	
	17	Moga	0.00%	100.00%	0.00%	0.00%	796	747	772	
	18	Phagi	0.00%	99.72%	0.28%	0.28%	804	756	783	
	19	Varanasi	0.02%	99.98%	0.00%	0.02%	800	727	779	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	797	747	774	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	792	750	771
		2	Aurangabad	0.00%	99.98%	0.02%	0.02%	801	749	775
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	750	773	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	785	750	764	
5		Bina	0.00%	100.00%	0.00%	0.00%	795	748	773	
6		Champa	0.00%	99.95%	0.05%	0.05%	802	761	783	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	799	753	781	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	800	743	770	
9		Ektuni	0.00%	99.06%	0.94%	0.94%	805	751	783	
10		Gwalior	0.00%	99.59%	0.41%	0.41%	806	760	781	
11		Indore	0.00%	100.00%	0.00%	0.00%	791	745	764	
12		Jabalpur	0.00%	99.41%	0.59%	0.59%	803	763	779	
13		Koradi	0.00%	100.00%	0.00%	0.00%	793	0	771	
14		Pune	0.00%	100.00%	0.00%	0.00%	799	743	776	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	750	775	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	790	749	774	
17		Sasan	0.00%	100.00%	0.00%	0.00%	793	738	767	
18		Satna	0.00%	100.00%	0.00%	0.00%	799	743	769	
19		Seoni	0.00%	100.00%	0.00%	0.00%	791	759	772	
20		Sipat	0.00%	100.00%	0.00%	0.00%	800	762	779	
21		Solapur	0.00%	98.90%	1.10%	1.10%	804	757	788	
22		Tamnar	0.00%	100.00%	0.00%	0.00%	793	759	775	
23		Tirora	0.00%	100.00%	0.00%	0.00%	793	752	774	
24		Vadodara	0.00%	99.97%	0.03%	0.03%	801	748	771	
25		Vindhyachal PS	0.00%	99.99%	0.01%	0.01%	801	757	785	
26		Wardha	0.00%	99.71%	0.29%	0.29%	809	757	782	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	794	749	774	
SR	1	Kurnool	0.00%	97.01%	2.99%	2.99%	807	741	774	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	745	784	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	781	746	774	
	4	Nizamabad	0.00%	98.48%	1.52%	1.52%	806	751	766	
	5	Srikakulam	0.00%	99.94%	0.06%	0.06%	802	745	775	
	6	Thiruvallur	0.00%	99.72%	0.28%	0.28%	802	745	778	
	7	Vemagiri	0.00%	99.92%	0.08%	0.08%	802	749	779	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	799	749	777	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	798	759	783	
	3	Jharsuguda	0.00%	99.78%	0.22%	0.22%	802	767	783	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	794	770	786	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	800	762	783	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	791	394	721	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	786	396	721	
	3	Bongaigaon (400 kV)	0.00%	99.91%	0.09%	0.09%	805	403	729	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	798	405	732	
	5	Palatana (400 kV)	0.00%	98.49%	1.51%	1.51%	805	401	723	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	793	396	729	
	7	Ranganadi (400 kV)	0.00%	99.97%	0.03%	0.03%	798	403	727	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	798	393	726	
	9	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	796	405	721	

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