

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
10-Apr-2023 to 16-Apr-2023

Date: 21-Apr-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 10-Apr-2023 to 16-Apr-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	749	768
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	791	749	768
	3 Ajmer	0.00%	100.00%	0.00%	0.00%	798	756	780
	4 Aligarh	0.00%	99.99%	0.01%	0.01%	800	751	774
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	773	753	762
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	773	751	761
	7 Anta	0.00%	98.92%	1.08%	1.08%	806	774	787
	8 Ballia	0.00%	100.00%	0.00%	0.00%	793	744	767
	9 Bara	0.00%	100.00%	0.00%	0.00%	786	759	770
	10 Bareilly	0.00%	99.87%	0.13%	0.13%	802	740	772
	11 Bhadla	0.00%	99.93%	0.07%	0.07%	800	747	774
	12 Bhadla II	0.00%	100.00%	0.00%	0.00%	799	747	773
	13 Bhiwani	0.00%	99.44%	0.56%	0.56%	806	757	778
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	798	751	775
	15 Chittorgarh	0.00%	99.95%	0.05%	0.05%	801	752	777
	16 Fatehgarh II	0.00%	99.94%	0.06%	0.06%	802	742	771
	17 Fatehgarh	0.00%	100.00%	0.00%	0.00%	797	749	772
	18 Greater Noida	0.00%	99.81%	0.19%	0.19%	802	755	778
	19 Hapur	0.00%	100.00%	0.00%	0.00%	791	739	767
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	800	755	775
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	746	769
	22 Kherai	0.00%	99.97%	0.03%	0.03%	801	752	777
	23 Koteswar	0.00%	99.83%	0.17%	0.17%	803	759	780
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	773	745	757
	26 Mainpuri	0.00%	99.81%	0.19%	0.19%	804	757	778
	27 Meerut	0.00%	99.35%	0.65%	0.65%	807	757	779
	28 Moga	0.00%	100.00%	0.00%	0.00%	799	748	770
	29 Orai	0.00%	99.29%	0.71%	0.71%	806	766	784
	30 Phagi	0.00%	99.79%	0.21%	0.21%	805	760	781
	31 Unnao	0.00%	100.00%	0.00%	0.00%	785	738	759
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	795	759	775
	WR	1 Akola	0.00%	100.00%	0.00%	0.00%	789	756
2 Aurangabad		0.00%	99.98%	0.02%	0.02%	801	754	778
3 Banaskantha		0.00%	99.56%	0.44%	0.44%	803	754	778
4 Bhopal (BDTCL)		0.00%	100.00%	0.00%	0.00%	788	750	769
5 Bhuj		0.00%	100.00%	0.00%	0.00%	795	750	775
6 Bhuj II		0.00%	100.00%	0.00%	0.00%	795	751	772
7 Bilaspur		0.00%	100.00%	0.00%	0.00%	782	759	770
8 Bina		0.00%	100.00%	0.00%	0.00%	792	765	778
9 Champa		0.00%	99.76%	0.24%	0.24%	804	778	790
10 Dharamjaigarh		0.00%	100.00%	0.00%	0.00%	789	761	776
11 Dhule (BDTCL)		0.00%	100.00%	0.00%	0.00%	797	750	775
12 Ektuni		0.00%	100.00%	0.00%	0.00%	787	738	766
13 Gadawara		0.00%	100.00%	0.00%	0.00%	794	771	784
14 Gwalior		0.00%	99.76%	0.24%	0.24%	805	760	781
15 Indore		0.00%	100.00%	0.00%	0.00%	790	748	771
16 Jabalpur		0.00%	100.00%	0.00%	0.00%	800	773	787
17 Khardwa PS		0.00%	100.00%	0.00%	0.00%	792	752	773
18 Koradi		0.00%	100.00%	0.00%	0.00%	775	757	766
19 Lakadia		0.00%	99.11%	0.89%	0.89%	808	756	779
20 New Parli		0.00%	100.00%	0.00%	0.00%	800	755	778
21 Padghe		0.00%	98.65%	1.35%	1.35%	807	745	776
22 Pune		0.00%	99.59%	0.41%	0.41%	805	736	772
23 Raigarh Pooling		0.00%	100.00%	0.00%	0.00%	797	779	788
24 Raipur Pooling		0.00%	100.00%	0.00%	0.00%	796	778	787
25 Rajnandgaon		0.00%	99.87%	0.13%	0.13%	801	775	789
26 Sasan		0.00%	100.00%	0.00%	0.00%	788	770	778
27 Satna		0.00%	100.00%	0.00%	0.00%	797	772	782
28 Seoni		0.00%	100.00%	0.00%	0.00%	788	759	773
29 Sipat		0.00%	100.00%	0.00%	0.00%	782	762	772
30 Solapur		0.00%	98.00%	2.00%	2.00%	806	757	782
31 Tamnar		0.00%	100.00%	0.00%	0.00%	797	779	788
32 Tirora		0.00%	100.00%	0.00%	0.00%	769	757	763
33 Vadodara		0.00%	100.00%	0.00%	0.00%	797	744	770
34 Vindhyachal PS		0.00%	100.00%	0.00%	0.00%	793	773	781
35 Wardha		0.00%	99.99%	0.01%	0.01%	800	762	781
36 Warora		0.00%	100.00%	0.00%	0.00%	793	762	778
SR	1 Chilikaluripeta	0.00%	77.19%	22.81%	22.81%	816	773	793
	2 Cuddapah	0.00%	75.37%	24.63%	24.63%	815	767	792
	3 Kurmool	0.00%	100.00%	0.00%	0.00%	799	751	774
	4 Maheshwaram	0.00%	95.23%	4.77%	4.77%	806	746	775
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	796	751	771
	6 Nizamabad	0.00%	85.36%	14.64%	14.64%	811	754	785
	7 Raichur	0.00%	100.00%	0.00%	0.00%	799	752	777
	8 Srikulam	0.00%	96.13%	3.87%	3.87%	810	768	788
	9 Thiruvallam	0.00%	100.00%	0.00%	0.00%	794	750	774
	10 Vemagiri	0.00%	88.26%	11.74%	11.74%	818	769	790
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	798	771	784
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	793	772	783
	3 Gaya	0.00%	100.00%	0.00%	0.00%	797	772	775
	4 Jharsuguda	0.00%	95.24%	4.76%	4.76%	804	756	790
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	796	748	773
	6 New Jeerat	0.00%	99.86%	0.14%	0.14%	801	743	775
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	797	747	779
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	783	746	703
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	405
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	391	402
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	411	388	402
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	407
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	410
	6 Bymihal/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	393	410
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	404
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	403
	9 Misa (400 kV)	0.00%	99.99%	0.00%	0.00%	420	394	404
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	406
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	406
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	406
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	409
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	407
	16 Surajmani Nagar(Sterite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	397	402

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