

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
08-Apr-2024 to 14-Apr-2024

Date: 19-Apr-2024

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 08-Apr-2024 to 14-Apr-2024

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%	789	753	771
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	789	753	771
	3 Ajmer	0.00%	99.52%	0.48%	0.00%	806	754	785
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	798	761	778
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	777	760	767
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	776	758	765
	7 Anta	0.00%	100.00%	0.00%	0.00%	791	754	778
	9 Bara	0.00%	100.00%	0.00%	0.00%	782	754	767
	10 Bareilly	0.00%	100.00%	0.00%	0.00%	798	751	771
	11 Bhadra	0.00%	100.00%	0.00%	0.00%	798	745	779
	12 Bhadra II	0.00%	99.96%	0.04%	0.00%	801	754	781
	13 Bhowani	0.00%	99.70%	0.30%	0.00%	804	769	784
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	798	747	782
	15 Chittorgarh	0.00%	99.01%	0.99%	0.00%	804	759	783
	16 Fatehgarh II	0.00%	99.97%	0.03%	0.00%	801	747	777
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	794	747	772
	18 Greater Noida	0.00%	99.87%	0.13%	0.00%	800	765	781
	19 Hapur	0.00%	100.00%	0.00%	0.00%	793	756	773
	20 Jhatkara	0.00%	100.00%	0.00%	0.00%	798	760	778
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	792	737	772
	22 Khetri	0.00%	100.00%	0.00%	0.00%	799	756	781
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	797	760	776
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	771	750	759
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	786	745	766
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	789	753	767
	27 Meerut	0.00%	100.00%	0.00%	0.00%	798	760	780
	28 Meerut	0.00%	99.36%	0.64%	0.00%	806	759	789
	29 Orai	0.00%	98.95%	1.05%	0.00%	807	772	788
	30 Phagi	0.00%	99.98%	0.02%	0.00%	800	763	782
	31 Unnao	0.00%	100.00%	0.00%	0.00%	778	742	757
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	788	760	773
	WR	1 Akola	0.00%	100.00%	0.00%	0.00%	788	751
2 Aurangabad		0.00%	99.96%	0.04%	0.00%	801	760	782
3 Banaskantha		0.00%	100.00%	0.00%	0.00%	798	759	783
4 Bhopal (BDTCL)		0.00%	100.00%	0.00%	0.00%	783	754	770
5 Bhuj		0.00%	100.00%	0.00%	0.00%	788	751	775
6 Bhuj II		0.00%	100.00%	0.00%	0.00%	784	751	771
7 Bilaspur		0.00%	100.00%	0.00%	0.00%	783	758	769
8 Bina		0.00%	100.00%	0.00%	0.00%	797	773	782
9 Champa		0.00%	99.29%	0.71%	0.00%	805	774	788
10 Dharamjaigarh		0.00%	100.00%	0.00%	0.00%	782	761	770
11 Dhule (BDTCL)		0.00%	100.00%	0.00%	0.00%	795	751	774
12 Ektuni		0.00%	100.00%	0.00%	0.00%	787	749	768
13 Gadawara		0.00%	99.89%	0.11%	0.00%	795	769	783
14 Gwalior		0.00%	99.58%	0.42%	0.00%	804	767	785
15 Indore		0.00%	100.00%	0.00%	0.00%	792	753	772
16 Jabalpur		0.00%	99.89%	0.11%	0.00%	801	778	787
17 Khandwa PS		0.00%	100.00%	0.00%	0.00%	790	752	772
18 Koradi		0.00%	100.00%	0.00%	0.00%	779	755	766
19 Lakadia		0.00%	100.00%	0.00%	0.00%	794	758	781
20 New Parli		0.00%	99.73%	0.27%	0.00%	805	759	782
21 Padghe		0.00%	100.00%	0.00%	0.00%	795	749	774
22 Pune		0.00%	100.00%	0.00%	0.00%	795	746	772
23 Raigarh Pooling		0.00%	100.00%	0.00%	0.00%	794	774	783
24 Raipur Pooling		0.00%	100.00%	0.00%	0.00%	793	772	782
25 Rajnandgaon		0.00%	99.65%	0.35%	0.00%	803	770	786
26 Sasan		0.00%	100.00%	0.00%	0.00%	787	772	777
27 Satna		0.00%	100.00%	0.00%	0.00%	799	776	785
28 Seoni		0.00%	100.00%	0.00%	0.00%	792	761	777
29 Sipat		0.00%	100.00%	0.00%	0.00%	783	760	770
30 Solapur		0.00%	99.71%	0.29%	0.00%	807	738	783
31 Tamnar		0.00%	100.00%	0.00%	0.00%	793	773	782
32 Tirora		0.00%	100.00%	0.00%	0.00%	774	754	764
33 Vadodara		0.00%	100.00%	0.00%	0.00%	793	745	777
34 Vindhychal PS		0.00%	100.00%	0.00%	0.00%	791	772	780
35 Wardha		0.00%	99.99%	0.01%	0.00%	800	763	783
36 Warora		0.00%	100.00%	0.00%	0.00%	796	757	778
SR	1 Chalakuripeta	0.00%	99.35%	0.65%	0.00%	811	764	784
	2 Cuddapah	0.00%	98.69%	1.31%	0.00%	810	762	785
	3 Kurnool	0.00%	99.88%	0.12%	0.00%	807	759	778
	4 Maheshwaram	0.00%	98.75%	1.25%	0.00%	815	766	784
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	799	756	773
	6 Nizamabad	0.00%	95.69%	4.31%	0.00%	815	771	787
	7 Raichur	0.00%	99.93%	0.07%	0.00%	803	761	778
	8 Srikakulam	0.00%	99.87%	0.13%	0.00%	804	760	780
	9 Thiruvalam	0.00%	100.00%	0.00%	0.00%	794	745	773
	10 Vemagiri	0.00%	99.13%	0.87%	0.00%	805	757	785
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	787	755	772
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	781	768	777
	3 Gaya	0.00%	100.00%	0.00%	0.00%	777	752	765
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	775	786
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	786	757	772
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	784	745	764
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	791	771	782
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	780	748	763
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	403	406
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	391	400
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	392	403
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	406
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	407
	6 Byrnhat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	418	408	409
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	405
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	410	390	401
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	406	399	406
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	407
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	406
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	405
	13 PK Beni	0.00%	100.00%	0.00%	0.00%	414	394	402
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	421	400	409
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	407
	16 Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	401

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