

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
11-Mar-2024 to 17-Mar-2024

Date: 22-Mar-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 11-Mar-2024 to 17-Mar-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	747	772
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	789	747	772
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	800	750	780
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	795	750	778
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	761	770
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	758	767
	7	Anta	0.00%	100.00%	0.00%	0.00%	794	758	778
	9	Bara	0.00%	100.00%	0.00%	0.00%	780	763	772
	10	Barilly	0.00%	100.00%	0.00%	0.00%	799	753	783
	11	Bhadia	0.00%	100.00%	0.00%	0.00%	791	730	771
	12	Bhadia II	0.00%	100.00%	0.00%	0.00%	795	734	773
	13	Bhivani	0.00%	99.85%	0.15%	0.15%	801	748	781
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	792	741	771
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	799	759	782
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	797	735	773
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	752	771
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	800	751	783
	19	Hapur	0.00%	100.00%	0.00%	0.00%	796	745	778
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	799	746	777
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	752	775
	22	Khetri	0.00%	100.00%	0.00%	0.00%	799	740	775
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	798	744	776
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	772	743	758
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	787	751	774
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	794	750	776
	27	Meerut	0.00%	99.86%	0.14%	0.14%	804	746	780
	28	Moga	0.00%	99.96%	0.04%	0.04%	801	741	769
	29	Orai	0.00%	99.92%	0.08%	0.08%	802	768	787
	30	Phagi	0.00%	99.95%	0.05%	0.05%	801	753	779
	31	Unnao	0.00%	100.00%	0.00%	0.00%	783	746	769
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	786	761	776
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	788	750
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	795	755	776
3		Banaskantha	0.00%	99.96%	0.04%	0.04%	800	757	780
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	756	772
5		Bhuj	0.00%	100.00%	0.00%	0.00%	791	747	770
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	785	748	766
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	783	760	771
8		Bina	0.00%	100.00%	0.00%	0.00%	791	764	779
9		Champa	0.00%	100.00%	0.00%	0.00%	799	770	786
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	766	776
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	754	775
12		Ektuni	0.00%	100.00%	0.00%	0.00%	788	748	771
13		Gadawara	0.00%	100.00%	0.00%	0.00%	795	766	778
14		Gwalior	0.00%	100.00%	0.00%	0.00%	799	763	783
15		Indore	0.00%	100.00%	0.00%	0.00%	790	758	774
16		Jabalpur	0.00%	100.00%	0.00%	0.00%	798	771	784
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	790	752	776
18		Koradi	0.00%	100.00%	0.00%	0.00%	777	757	768
19		Lakadia	0.00%	99.95%	0.05%	0.05%	801	753	775
20		New Parli	0.00%	99.02%	0.98%	0.98%	805	760	782
21		Padghe	0.00%	99.99%	0.01%	0.01%	801	743	773
22		Pune	0.00%	99.73%	0.27%	0.27%	804	747	775
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	789	770	781
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	769	779
25		Rajnandgaon	0.00%	99.87%	0.13%	0.13%	802	769	786
26		Sasan	0.00%	100.00%	0.00%	0.00%	784	768	777
27		Satna	0.00%	100.00%	0.00%	0.00%	791	770	783
28		Seoni	0.00%	100.00%	0.00%	0.00%	792	760	776
29		Sipat	0.00%	100.00%	0.00%	0.00%	783	761	772
30		Solapur	0.00%	99.37%	0.63%	0.63%	806	747	783
31		Tamner	0.00%	100.00%	0.00%	0.00%	786	768	778
32		Tirora	0.00%	100.00%	0.00%	0.00%	774	759	768
33		Vadodara	0.00%	99.36%	0.64%	0.64%	803	751	777
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	786	770	779
35		Wardha	0.00%	99.93%	0.07%	0.07%	804	761	780
36		Warora	0.00%	100.00%	0.00%	0.00%	795	756	775
SR	1	Chilakaluripeta	0.00%	99.65%	0.35%	0.35%	810	750	773
	2	Cuddapah	0.00%	99.55%	0.45%	0.45%	811	751	778
	3	Kurnool	0.00%	99.89%	0.11%	0.11%	803	747	773
	4	Maheshwaram	0.00%	98.41%	1.59%	1.59%	816	753	778
	5	Nellore PS	0.00%	99.84%	0.16%	0.16%	802	752	773
	6	Nizamabad	0.00%	95.20%	4.80%	4.80%	818	750	779
	7	Raichur	0.00%	99.94%	0.06%	0.06%	802	753	775
	8	Srikakulam	0.00%	99.90%	0.10%	0.10%	802	755	774
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	797	740	767
	10	Vemagiri	0.00%	99.57%	0.43%	0.43%	807	755	775
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	785	755	769
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	779	765	773
	3	Gaya	0.00%	100.00%	0.00%	0.00%	779	756	770
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	770	782
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	795	750	768
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	791	741	762
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	792	763	777
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	776	741	764
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	399	404
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	390	401
	3	Biswanath Chariali (400 kV)	0.01%	99.99%	0.00%	0.01%	416	376	403
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	407
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	408
	6	Byrihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	421	401	411
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	414	390	402
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	391	402
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	407
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	405
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	408
	13	PK Beni	0.00%	100.00%	0.00%	0.00%	410	395	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	423	398	409
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	408
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	410	396	402

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