

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
04-Mar-2024 to 10-Mar-2024

Date: 15-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 04-Mar-2024 to 10-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%	794	745	777
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	794	745	777
	3	Ajmer	0.00%	99.53%	0.47%	0.47%	805	740	781
	4	Aligarh	0.00%	99.94%	0.06%	0.06%	804	752	781
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	762	769
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	760	768
	7	Anta	0.00%	100.00%	0.00%	0.00%	798	754	779
	9	Bara	0.00%	100.00%	0.00%	0.00%	788	758	775
	10	Barilly	0.00%	99.99%	0.01%	0.01%	800	754	783
	11	Bhadsa	0.00%	100.00%	0.00%	0.00%	791	734	772
	12	Bhadia II	0.02%	99.98%	0.00%	0.02%	800	716	774
	13	Bhivani	0.00%	99.47%	0.53%	0.53%	802	746	782
	14	Bikaner	0.03%	99.97%	0.00%	0.03%	800	715	773
	15	Chittorgarh	0.00%	99.75%	0.25%	0.25%	805	751	783
	16	Fatehgarh II	0.02%	99.97%	0.01%	0.03%	804	709	773
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	751	773
	18	Greater Noida	0.00%	96.31%	3.69%	3.69%	806	755	788
	19	Hapur	0.00%	99.28%	0.72%	0.72%	803	749	784
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	799	738	778
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	755	778
	22	Khetri	0.00%	99.76%	0.24%	0.24%	805	731	777
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	797	748	779
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	772	743	763
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	793	756	777
	26	Mainpuri	0.00%	99.99%	0.01%	0.01%	800	749	781
	27	Meerut	0.00%	99.57%	0.43%	0.43%	804	751	794
	28	Moga	0.00%	99.25%	0.75%	0.75%	806	744	772
	29	Orai	0.00%	97.81%	2.19%	2.19%	807	770	790
	30	Phagi	0.00%	99.73%	0.27%	0.27%	803	750	781
	31	Unnao	0.00%	100.00%	0.00%	0.00%	785	748	767
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	790	763	778
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	787	757
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	799	756	778
3		Banaskantha	0.00%	99.69%	0.31%	0.31%	802	758	783
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	751	768
5		Bhuj	0.00%	100.00%	0.00%	0.00%	796	748	773
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	789	749	769
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	781	759	770
8		Bina	0.00%	100.00%	0.00%	0.00%	795	763	780
9		Champa	0.00%	100.00%	0.00%	0.00%	797	772	784
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	766	775
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	751	772
12		Ektuni	0.00%	100.00%	0.00%	0.00%	788	747	772
13		Gadawara	0.00%	100.00%	0.00%	0.00%	795	768	780
14		Gwalior	0.00%	99.92%	0.08%	0.08%	803	765	785
15		Indore	0.00%	100.00%	0.00%	0.00%	791	749	769
16		Jabalpur	0.00%	100.00%	0.00%	0.00%	800	771	786
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	792	751	769
18		Koradi	0.00%	100.00%	0.00%	0.00%	784	760	771
19		Lakadia	0.00%	99.89%	0.11%	0.11%	802	754	777
20		New Parli	0.00%	99.89%	0.11%	0.11%	803	763	781
21		Padghe	0.00%	100.00%	0.00%	0.00%	799	746	776
22		Pune	0.00%	99.90%	0.10%	0.10%	804	745	777
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	789	772	780
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	770	779
25		Rajnandgaon	0.00%	99.95%	0.05%	0.05%	801	772	785
26		Sasan	0.00%	100.00%	0.00%	0.00%	786	768	778
27		Satna	0.00%	100.00%	0.00%	0.00%	794	770	784
28		Seoni	0.00%	100.00%	0.00%	0.00%	793	760	776
29		Sipat	0.00%	100.00%	0.00%	0.00%	780	762	771
30		Solapur	0.00%	99.82%	0.18%	0.18%	806	764	783
31		Tammer	0.00%	100.00%	0.00%	0.00%	786	769	777
32		Tirora	0.00%	100.00%	0.00%	0.00%	778	760	769
33		Vadodara	0.00%	100.00%	0.00%	0.00%	790	746	770
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	770	780
35		Wardha	0.00%	99.90%	0.10%	0.10%	804	764	782
36		Warora	0.00%	99.99%	0.01%	0.01%	801	760	777
SR	1	Chilakaluripeta	0.00%	98.17%	1.83%	1.83%	813	759	783
	2	Cuddapah	0.00%	98.96%	1.04%	1.04%	811	757	783
	3	Kurnool	0.00%	99.98%	0.02%	0.02%	803	748	772
	4	Maheshwaram	0.00%	95.36%	4.64%	4.64%	815	758	782
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	750	773
	6	Nizamabad	0.00%	90.62%	9.38%	9.38%	815	762	783
	7	Raichur	0.00%	99.98%	0.02%	0.02%	802	754	775
	8	Srikakulam	0.00%	99.56%	0.44%	0.44%	808	750	777
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	795	739	772
	10	Vemagiri	0.00%	97.33%	2.67%	2.67%	812	759	782
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	789	748	770
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	780	762	772
	3	Gaya	0.00%	100.00%	0.00%	0.00%	785	760	773
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	771	781
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	784	749	768
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	782	737	761
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	790	763	777
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	779	749	767
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	405
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	392	400
	3	Biswanath Chariali (400 kV)	0.01%	99.99%	0.00%	0.01%	413	367	402
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	407
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	408
	6	Byrihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	411
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	410	392	402
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	402
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	420	396	407
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	405
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	407
	13	PK Beni	0.00%	100.00%	0.00%	0.00%	412	392	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	408
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	408
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	401

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