

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
19-Feb-2024 to 25-Feb-2024

Date: 1-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	1	0.25	0.15
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 19-Feb-2024 to 25-Feb-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%	795	742	774
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	795	742	774
	3	Ajmer	0.00%	99.86%	0.14%	0.00%	800	750	778
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	797	743	774
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	760	768
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	758	766
	7	Anta	0.00%	100.00%	0.00%	0.00%	796	757	777
	9	Bara	0.00%	100.00%	0.00%	0.00%	785	750	767
	10	Barilly	0.00%	100.00%	0.00%	0.00%	799	733	773
	11	Bhadsa	0.00%	100.00%	0.00%	0.00%	788	728	771
	12	Bhadia II	0.00%	100.00%	0.00%	0.00%	794	733	774
	13	Bhivani	0.00%	99.84%	0.16%	0.00%	802	746	780
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	796	742	773
	15	Chittorgarh	0.00%	99.99%	0.01%	0.01%	801	759	781
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	795	729	774
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	741	768
	18	Greater Noida	0.00%	99.92%	0.08%	0.08%	801	747	781
	19	Hapur	0.00%	99.05%	0.95%	0.95%	804	737	777
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	796	744	776
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	797	746	772
	22	Khetri	0.00%	100.00%	0.00%	0.00%	799	745	777
	23	Koteshwar	0.00%	99.94%	0.06%	0.06%	803	744	773
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	773	738	761
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	790	743	767
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	797	743	772
	27	Meerut	0.00%	99.88%	0.12%	0.12%	808	743	777
	28	Moga	0.00%	100.00%	0.00%	0.00%	799	738	769
	29	Orai	0.00%	99.71%	0.29%	0.29%	808	765	786
	30	Phagi	0.00%	100.00%	0.00%	0.00%	799	748	778
	31	Unnao	0.00%	100.00%	0.00%	0.00%	782	739	761
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	790	756	775
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	788	751
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	796	752	775
3		Banaskantha	0.00%	99.98%	0.02%	0.02%	800	754	783
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	753	771
5		Bhuj	0.00%	100.00%	0.00%	0.00%	789	756	775
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	786	744	770
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	782	754	766
8		Bina	0.00%	100.00%	0.00%	0.00%	796	763	780
9		Champa	0.00%	100.00%	0.00%	0.00%	797	766	781
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	759	772
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	751	773
12		Ektuni	0.00%	100.00%	0.00%	0.00%	787	746	770
13		Gadawara	0.00%	99.85%	0.15%	0.15%	802	771	786
14		Gwalior	0.00%	99.84%	0.16%	0.16%	807	752	783
15		Indore	0.00%	100.00%	0.00%	0.00%	789	749	770
16		Jabalpur	0.00%	99.91%	0.09%	0.09%	801	772	787
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	789	749	771
18		Koradi	0.00%	100.00%	0.00%	0.00%	778	753	768
19		Lakadia	0.00%	100.00%	0.00%	0.00%	797	753	779
20		New Parli	0.00%	99.94%	0.06%	0.06%	801	759	780
21		Padghe	0.00%	99.89%	0.11%	0.11%	802	747	777
22		Pune	0.00%	99.95%	0.05%	0.05%	801	748	778
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	792	768	780
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	790	766	779
25		Rajnandgaon	0.00%	100.00%	0.00%	0.00%	798	761	778
26		Sasan	0.00%	100.00%	0.00%	0.00%	786	768	778
27		Satna	0.00%	100.00%	0.00%	0.00%	798	771	784
28		Seoni	0.00%	100.00%	0.00%	0.00%	787	753	771
29		Sipat	0.00%	100.00%	0.00%	0.00%	780	756	767
30		Solapur	0.00%	99.88%	0.12%	0.12%	803	760	782
31		Tamner	0.00%	100.00%	0.00%	0.00%	789	769	778
32		Tirora	0.00%	100.00%	0.00%	0.00%	775	754	767
33		Vadodara	0.00%	100.00%	0.00%	0.00%	797	742	775
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	791	770	781
35		Wardha	0.00%	100.00%	0.00%	0.00%	797	753	776
36		Warora	0.00%	100.00%	0.00%	0.00%	797	755	777
SR	1	Chilakaluripeta	0.00%	99.93%	0.07%	0.07%	803	732	774
	2	Cuddapah	0.00%	99.89%	0.11%	0.11%	806	754	778
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	794	745	768
	4	Maheshwaram	0.00%	95.21%	4.79%	4.79%	808	748	779
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	750	771
	6	Nizamabad	0.00%	90.04%	9.96%	9.96%	811	745	781
	7	Raichur	0.00%	100.00%	0.00%	0.00%	797	750	773
	8	Srikakulam	0.00%	99.73%	0.27%	0.27%	808	746	778
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	793	749	771
	10	Vemagiri	0.00%	99.75%	0.25%	0.25%	808	748	777
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	796	755	776
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	789	764	777
	3	Gaya	0.00%	100.00%	0.00%	0.00%	782	752	768
	4	Jharsuguda	0.00%	99.97%	0.03%	0.03%	801	769	785
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	784	750	767
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	783	741	762
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	791	761	777
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	777	738	757
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	405
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	392	401
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	403
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	408
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	409
	6	Byrihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	411
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	415	392	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	402
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	392	402
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	419	394	407
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	405
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	406
	13	PK Beni	0.00%	100.00%	0.00%	0.00%	411	391	401
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	421	396	411
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	407
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	391	401

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