

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
29-Jan-2024 to 04-Feb-2024

Date: 9-Feb-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 29-Jan-2024 to 04-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%	793	746	773
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	793	746	773
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	798	749	778
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	797	743	775
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	757	767
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	756	765
	7	Anta	0.00%	100.00%	0.00%	0.00%	794	757	778
	9	Bara	0.00%	100.00%	0.00%	0.00%	784	754	770
	10	Barilly	0.00%	96.95%	3.05%	3.05%	809	745	780
	11	Bhadia	0.00%	100.00%	0.00%	0.00%	786	757	773
	12	Bhadia II	0.00%	100.00%	0.00%	0.00%	793	750	776
	13	Bhivani	0.00%	100.00%	0.00%	0.00%	799	755	781
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	795	759	775
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	798	749	778
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	786	765	777
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	744	770
	18	Greater Noida	0.00%	99.36%	0.64%	0.64%	803	752	781
	19	Hapur	0.00%	99.50%	0.50%	0.50%	803	750	778
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	796	753	776
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	742	774
	22	Khetri	0.00%	100.00%	0.00%	0.00%	798	756	778
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	797	754	776
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	772	740	760
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	798	744	775
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	798	746	775
	27	Meerut	0.00%	99.82%	0.18%	0.18%	803	755	780
	28	Moga	0.00%	99.87%	0.13%	0.13%	803	741	769
	29	Orai	0.00%	98.75%	0.25%	0.25%	803	752	783
	30	Phagi	0.00%	100.00%	0.00%	0.00%	797	750	778
	31	Unnao	0.00%	100.00%	0.00%	0.00%	791	735	766
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	790	752	775
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	787	749
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	800	754	778
3		Banaskantha	0.00%	100.00%	0.00%	0.00%	798	761	782
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	748	772
5		Bhuj	0.00%	100.00%	0.00%	0.00%	792	757	776
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	783	752	769
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	779	751	768
8		Bina	0.00%	100.00%	0.00%	0.00%	792	751	778
9		Champa	0.00%	99.96%	0.04%	0.04%	801	765	785
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	754	770
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	748	774
12		Ektuni	0.00%	100.00%	0.00%	0.00%	789	745	771
13		Gadawara	0.00%	100.00%	0.00%	0.00%	793	764	781
14		Gwalior	0.00%	100.00%	0.00%	0.00%	799	751	781
15		Indore	0.00%	100.00%	0.00%	0.00%	793	746	771
16		Jabalpur	0.00%	100.00%	0.00%	0.00%	796	760	783
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	794	750	774
18		Koradi	0.00%	100.00%	0.00%	0.00%	777	751	768
19		Lakadia	0.00%	100.00%	0.00%	0.00%	795	756	777
20		New Parli	0.00%	99.73%	0.27%	0.27%	804	755	784
21		Padghe	0.00%	99.89%	0.11%	0.11%	805	740	777
22		Pune	0.00%	99.84%	0.16%	0.16%	807	743	778
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	792	766	781
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	790	765	779
25		Rajnandgaon	0.00%	100.00%	0.00%	0.00%	797	760	784
26		Sasan	0.00%	100.00%	0.00%	0.00%	786	761	777
27		Satna	0.00%	100.00%	0.00%	0.00%	795	760	783
28		Seoni	0.00%	100.00%	0.00%	0.00%	787	751	773
29		Sipat	0.00%	100.00%	0.00%	0.00%	778	754	769
30		Solapur	0.00%	98.69%	1.32%	1.32%	807	759	786
31		Tamner	0.00%	100.00%	0.00%	0.00%	789	764	778
32		Tirora	0.00%	100.00%	0.00%	0.00%	772	752	765
33		Vadodara	0.00%	99.91%	0.09%	0.09%	803	744	774
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	764	781
35		Wardha	0.00%	100.00%	0.00%	0.00%	799	753	783
36		Warora	0.00%	100.00%	0.00%	0.00%	798	749	782
SR	1	Chilakaluripeta	0.00%	99.81%	0.19%	0.19%	801	742	779
	2	Cuddapah	0.00%	96.89%	3.11%	3.11%	812	742	781
	3	Kurnool	0.00%	99.96%	0.04%	0.04%	800	739	773
	4	Maheshwaram	0.00%	87.54%	12.46%	12.46%	814	744	786
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	744	772
	6	Nizamabad	0.00%	77.45%	22.55%	22.55%	816	748	790
	7	Raichur	0.00%	98.98%	1.02%	1.02%	805	747	779
	8	Srikakulam	0.00%	99.73%	0.27%	0.27%	802	743	782
	9	Thiruvallam	0.00%	99.31%	0.69%	0.69%	810	735	776
	10	Vemagiri	0.00%	98.61%	1.39%	1.39%	803	746	782
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	786	749	773
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	782	762	773
	3	Gaya	0.00%	100.00%	0.00%	0.00%	787	749	770
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	765	781
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	784	745	766
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	783	732	760
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	791	759	778
	8	Sasaram	0.10%	99.90%	0.00%	0.10%	774	727	759
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%	413	393	403
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	405
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	408
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	410
	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%	414	394	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	404
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	403
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	407
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	407
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	412	392	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	422	400	410
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	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.