

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
12-Feb-2024 to 18-Feb-2024

Date: 23-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 12-Feb-2024 to 18-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	731	773
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	793	731	773
	3	Ajmer	0.00%	99.81%	0.19%	0.00%	803	747	778
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	795	738	774
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	758	768
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	756	767
	7	Anta	0.00%	100.00%	0.00%	0.00%	797	751	776
	9	Bara	0.00%	100.00%	0.00%	0.00%	783	752	770
	10	Barilly	0.00%	100.00%	0.00%	0.00%	798	736	776
	11	Bhadia	0.00%	100.00%	0.00%	0.00%	791	735	771
	12	Bhadia II	0.00%	100.00%	0.00%	0.00%	797	742	776
	13	Bhivani	0.00%	99.82%	0.18%	0.00%	802	746	780
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	798	745	774
	15	Chittorgarh	0.00%	99.83%	0.17%	0.00%	803	755	779
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	791	737	775
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	743	771
	18	Greater Noida	0.00%	99.92%	0.08%	0.00%	801	742	781
	19	Hapur	0.00%	95.78%	4.22%	0.00%	805	744	784
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	795	741	776
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	797	741	774
	22	Khetri	0.00%	100.00%	0.00%	0.00%	798	742	777
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	799	737	773
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	771	730	759
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	790	744	772
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	796	731	775
	27	Meerut	0.00%	99.90%	0.10%	0.00%	803	738	778
	28	Moga	0.00%	99.87%	0.13%	0.00%	804	730	768
	29	Orai	0.00%	97.95%	2.05%	0.00%	807	754	787
	30	Phagi	0.00%	99.87%	0.13%	0.00%	802	743	777
	31	Unnao	0.00%	100.00%	0.00%	0.00%	783	739	762
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	793	755	777
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	790	753
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	798	750	778
3		Banaskantha	0.00%	100.00%	0.00%	0.00%	799	761	782
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	745	772
5		Bhuj	0.00%	100.00%	0.00%	0.00%	788	755	774
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	781	753	768
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	777	753	766
8		Bina	0.00%	100.00%	0.00%	0.00%	796	752	780
9		Champa	0.00%	100.00%	0.00%	0.00%	798	768	783
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	758	769
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	746	776
12		Ektuni	0.00%	100.00%	0.00%	0.00%	789	742	771
13		Gadgaon	0.00%	100.00%	0.00%	0.00%	799	764	785
14		Gwalior	0.00%	99.38%	0.63%	0.00%	806	747	783
15		Indore	0.00%	100.00%	0.00%	0.00%	795	746	775
16		Jabalpur	0.00%	99.88%	0.12%	0.00%	801	762	787
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	794	749	777
18		Koradi	0.00%	100.00%	0.00%	0.00%	780	754	768
19		Lakadia	0.00%	100.00%	0.00%	0.00%	793	757	776
20		New Parli	0.00%	99.81%	0.19%	0.00%	802	755	782
21		Padghe	0.00%	100.00%	0.00%	0.00%	798	744	776
22		Pune	0.00%	99.89%	0.11%	0.00%	804	739	777
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	793	770	782
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	769	780
25		Rajnandgaon	0.00%	100.00%	0.00%	0.00%	797	764	781
26		Sasan	0.00%	100.00%	0.00%	0.00%	789	763	779
27		Satna	0.00%	100.00%	0.00%	0.00%	798	763	785
28		Seoni	0.00%	100.00%	0.00%	0.00%	789	751	773
29		Sipat	0.00%	100.00%	0.00%	0.00%	777	756	767
30		Solapur	0.00%	99.70%	0.30%	0.00%	804	756	784
31		Tammer	0.00%	100.00%	0.00%	0.00%	790	770	781
32		Tirora	0.00%	100.00%	0.00%	0.00%	774	754	765
33		Vadodara	0.00%	100.00%	0.00%	0.00%	797	735	778
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	794	766	782
35		Wardha	0.00%	100.00%	0.00%	0.00%	798	755	779
36		Warora	0.00%	100.00%	0.00%	0.00%	797	758	780
SR	1	Chilakaluripeta	0.00%	91.68%	8.32%	8.32%	815	753	784
	2	Cuddapah	0.00%	90.88%	9.12%	9.12%	811	759	785
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	800	743	773
	4	Maheshwaram	0.00%	93.96%	6.04%	6.04%	815	754	782
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	748	773
	6	Nizamabad	0.00%	89.39%	10.61%	10.61%	816	757	785
	7	Raichur	0.00%	99.99%	0.01%	0.01%	800	748	777
	8	Srikakulam	0.00%	94.75%	5.25%	5.25%	812	762	786
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	796	739	771
	10	Vemagiri	0.00%	92.20%	7.80%	7.80%	813	757	784
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	796	765	781
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	787	770	779
	3	Gaya	0.00%	100.00%	0.00%	0.00%	788	750	771
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	775	787
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	793	749	766
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	782	736	757
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	792	763	780
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	779	737	762
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	399	405
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	391	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	398	407
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	409
	6	Byrnhat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	421	402	411
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	418	393	406
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	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%	423	395	408
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	390	400
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	413	392	404
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	421	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%	411	393	403

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