

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
05-Feb-2024 to 11-Feb-2024

Date: 16-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 05-Feb-2024 to 11-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%	794	742	772
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	794	742	772
	3	Ajmer	0.00%	99.61%	0.39%	0.00%	804	749	777
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	796	746	773
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	754	766
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	776	754	765
	7	Anta	0.00%	100.00%	0.00%	0.00%	796	759	778
	9	Bara	0.00%	100.00%	0.00%	0.00%	781	756	768
	10	Barilly	0.00%	99.40%	0.60%	0.00%	804	748	777
	11	Bhadia	0.00%	100.00%	0.00%	0.00%	793	744	772
	12	Bhadia II	0.00%	100.00%	0.00%	0.00%	800	745	776
	13	Bhivani	0.00%	100.00%	0.00%	0.00%	800	747	779
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	799	744	774
	15	Chittorgarh	0.00%	99.85%	0.15%	0.00%	802	751	778
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	792	738	776
	17	Fatehpur	0.00%	99.91%	0.09%	0.00%	802	749	770
	18	Greater Noida	0.00%	99.81%	0.19%	0.00%	802	750	780
	19	Hapur	0.00%	98.89%	1.11%	0.00%	806	747	780
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	797	742	776
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	797	749	773
	22	Khetri	0.00%	99.91%	0.09%	0.00%	803	741	777
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	797	735	774
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	772	741	759
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	797	745	772
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	794	752	774
	27	Meerut	0.00%	99.39%	0.62%	0.00%	802	743	779
	28	Moga	0.00%	99.84%	0.16%	0.00%	805	739	769
	29	Orai	0.00%	99.51%	0.49%	0.00%	803	743	785
	30	Phagi	0.00%	99.84%	0.16%	0.00%	801	750	779
	31	Unnao	0.00%	100.00%	0.00%	0.00%	782	735	757
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	792	758	775
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	788	750
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	796	752	776
3		Banaskantha	0.00%	100.00%	0.00%	0.00%	797	759	782
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	751	771
5		Bhuj	0.00%	100.00%	0.00%	0.00%	794	753	775
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	785	751	770
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	778	754	767
8		Bina	0.00%	100.00%	0.00%	0.00%	793	762	779
9		Champa	0.00%	99.97%	0.03%	0.00%	800	774	788
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	760	768
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	748	775
12		Ektuni	0.00%	100.00%	0.00%	0.00%	787	745	770
13		Gadawara	0.00%	100.00%	0.00%	0.00%	796	771	796
14		Gwalior	0.00%	99.95%	0.05%	0.00%	801	760	782
15		Indore	0.00%	100.00%	0.00%	0.00%	794	750	773
16		Jabalpur	0.00%	100.00%	0.00%	0.00%	797	770	785
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	796	753	775
18		Koradi	0.00%	100.00%	0.00%	0.00%	777	752	766
19		Lakadia	0.00%	100.00%	0.00%	0.00%	795	755	777
20		New Parli	0.00%	99.94%	0.06%	0.00%	803	763	783
21		Padghe	0.00%	99.96%	0.04%	0.00%	801	736	778
22		Pune	0.00%	99.88%	0.12%	0.00%	802	736	777
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	794	771	783
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	770	782
25		Rajnandgaon	0.00%	100.00%	0.00%	0.00%	797	769	784
26		Sasan	0.00%	100.00%	0.00%	0.00%	788	768	778
27		Satna	0.00%	100.00%	0.00%	0.00%	796	771	784
28		Seoni	0.00%	100.00%	0.00%	0.00%	786	756	772
29		Sipat	0.00%	100.00%	0.00%	0.00%	777	757	768
30		Solapur	0.00%	99.69%	0.32%	0.00%	806	762	784
31		Tamner	0.00%	100.00%	0.00%	0.00%	793	770	782
32		Tirora	0.00%	100.00%	0.00%	0.00%	773	754	763
33		Vadodara	0.00%	100.00%	0.00%	0.00%	794	745	775
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	772	782
35		Wardha	0.00%	100.00%	0.00%	0.00%	797	761	779
36		Warora	0.00%	99.98%	0.02%	0.00%	800	761	782
SR	1	Chilakaluripeta	0.00%	89.34%	10.66%	0.00%	813	757	789
	2	Cuddapah	0.00%	88.62%	11.38%	0.00%	810	759	789
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	793	746	771
	4	Maheshwaram	0.00%	96.37%	3.63%	0.00%	813	752	781
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	751	772
	6	Nizamabad	0.00%	90.19%	9.81%	0.00%	816	756	783
	7	Raichur	0.00%	100.00%	0.00%	0.00%	796	753	776
	8	Srikakulam	0.00%	89.47%	10.53%	0.00%	811	763	789
	9	Thiruvalem	0.00%	100.00%	0.00%	0.00%	796	749	776
	10	Vemagiri	0.00%	85.28%	14.72%	0.00%	813	762	790
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	794	759	781
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	786	767	778
	3	Gaya	0.00%	100.00%	0.00%	0.00%	790	753	770
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	771	786
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	783	749	768
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	781	736	761
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	791	766	780
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	778	744	759
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	397	405
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	402
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	404
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	407
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	409
	6	Byrihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	421	402	411
	7	Imphal (400 kV)	0.01%	99.99%	0.00%	0.01%	415	369	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	403
	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%	418	394	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	407
	13	PK Beni	0.00%	100.00%	0.00%	0.00%	411	393	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	422	397	409
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	408
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	394	402

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