

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
15-Jan-2024 to 21-Jan-2024

Date: 25-Jan-2024

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	0.74
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 15-Jan-2024 to 21-Jan-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%	787	741	769
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	787	741	769
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	797	743	775
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	790	740	769
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	747	757
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	749	758
	7	Anta	0.00%	100.00%	0.00%	0.00%	783	752	771
	9	Bara	0.00%	100.00%	0.00%	0.00%	778	754	765
	10	Barilly	0.00%	100.00%	0.00%	0.00%	799	740	773
	11	Bhadra	0.01%	99.99%	0.00%	0.01%	787	727	773
	12	Bhadra II	0.00%	100.00%	0.00%	0.00%	793	743	775
	13	Bhivani	0.00%	100.00%	0.00%	0.00%	795	746	776
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	793	742	773
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	797	749	778
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	798	732	777
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	743	767
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	794	742	774
	19	Hapur	0.00%	100.00%	0.00%	0.00%	794	736	771
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	791	741	772
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	789	742	770
	22	Khetri	0.00%	100.00%	0.00%	0.00%	795	742	775
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	793	739	771
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	769	742	757
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	791	739	768
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	793	745	767
	27	Meerut	0.00%	100.00%	0.00%	0.00%	796	742	775
	28	Moga	0.01%	99.99%	0.00%	0.01%	794	725	765
	29	Orai	0.00%	100.00%	0.00%	0.00%	798	754	781
	30	Phagi	0.00%	100.00%	0.00%	0.00%	792	743	773
	31	Unnao	0.10%	99.90%	0.00%	0.10%	784	727	756
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	786	752	770
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	751
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	797	754	780
3		Banaskantha	0.00%	99.99%	0.41%	0.41%	802	756	786
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	744	768
5		Bhuj	0.00%	100.00%	0.00%	0.00%	798	750	782
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	791	749	775
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	783	754	771
8		Bina	0.00%	100.00%	0.00%	0.00%	794	750	777
9		Champa	0.00%	93.69%	6.31%	6.31%	804	772	788
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	762	775
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	749	774
12		Ektuni	0.00%	100.00%	0.00%	0.00%	789	744	771
13		Gadawara	0.00%	100.00%	0.00%	0.00%	800	764	785
14		Gwalior	0.00%	100.00%	0.00%	0.00%	797	748	779
15		Indore	0.00%	100.00%	0.00%	0.00%	788	740	769
16		Jabalpur	0.00%	98.48%	1.52%	1.52%	803	760	785
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	789	750	773
18		Koradi	0.00%	100.00%	0.00%	0.00%	779	754	768
19		Lakadia	0.00%	98.86%	1.14%	1.14%	804	756	785
20		New Parli	0.00%	98.71%	1.29%	1.29%	805	762	779
21		Padghe	0.00%	100.00%	0.00%	0.00%	799	746	777
22		Pune	0.00%	99.85%	0.15%	0.15%	802	745	779
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	771	784
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	769	783
25		Rajnandgaon	0.00%	98.57%	1.43%	1.43%	804	768	789
26		Sasan	0.00%	100.00%	0.00%	0.00%	785	762	775
27		Satna	0.00%	100.00%	0.00%	0.00%	795	762	782
28		Seoni	0.00%	100.00%	0.00%	0.00%	793	753	777
29		Sipat	0.00%	100.00%	0.00%	0.00%	782	759	771
30		Solapur	0.00%	98.19%	1.81%	1.81%	804	763	788
31		Tammer	0.00%	100.00%	0.00%	0.00%	795	769	782
32		Tirora	0.00%	100.00%	0.00%	0.00%	775	755	765
33		Vadodara	0.00%	99.71%	0.29%	0.29%	803	745	777
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	764	779
35		Wardha	0.00%	99.74%	0.26%	0.26%	802	762	787
36		Warora	0.00%	100.00%	0.00%	0.00%	800	762	785
SR	1	Chilakaluripeta	0.00%	99.44%	0.56%	0.56%	803	748	779
	2	Cuddapah	0.00%	93.51%	6.49%	6.49%	811	758	786
	3	Kurnool	0.00%	99.63%	0.37%	0.37%	802	749	778
	4	Maheshwaram	0.00%	92.45%	7.55%	7.55%	815	758	786
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	752	775
	6	Nizamabad	0.00%	80.63%	19.38%	19.38%	817	764	790
	7	Raichur	0.00%	99.49%	0.51%	0.51%	802	755	781
	8	Srikakulam	0.00%	96.12%	3.88%	3.88%	805	762	788
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	800	744	778
	10	Vemagiri	0.00%	96.55%	3.45%	3.45%	805	756	784
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	790	758	779
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	785	766	777
	3	Gaya	0.00%	100.00%	0.00%	0.00%	783	744	766
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	771	786
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	787	747	767
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	785	737	760
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	794	763	779
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	775	732	757
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	406
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	391	404
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	429	394	412
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	410
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	398	411
	6	Byrihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	422	402	410
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	406
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	418	392	405
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	393	405
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	407
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	405
	13	PK Beni	0.00%	100.00%	0.00%	0.00%	424	395	404
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	423	392	411
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	408
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	393	400

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