

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
04-Dec-2023 to 10-Dec-2023

Date: 14-Dec-2023

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 04-Dec-2023 to 10-Dec-2023

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%	791	739	771
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	791	739	771
	3	Ajmer	0.00%	99.92%	0.08%	0.00%	801	753	778
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	794	742	771
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	760	771
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	781	746	769
	7	Anta	0.00%	100.00%	0.00%	0.00%	798	761	781
	9	Bara	0.00%	100.00%	0.00%	0.00%	787	756	772
	10	Barilly	0.00%	100.00%	0.00%	0.00%	800	744	776
	11	Bhadia	0.00%	100.00%	0.00%	0.00%	792	734	772
	12	Bhadia II	0.00%	100.00%	0.00%	0.00%	797	749	774
	13	Bhivani	0.00%	100.00%	0.00%	0.00%	800	752	777
	14	Bikaner	0.00%	99.95%	0.05%	0.05%	801	741	773
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	799	750	779
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	797	740	774
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	744	768
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	800	746	777
	19	Hapur	0.00%	100.00%	0.00%	0.00%	800	743	776
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	799	747	774
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	745	772
	22	Khetri	0.00%	99.85%	0.15%	0.15%	805	749	776
	23	Koteshwar	0.00%	99.94%	0.06%	0.06%	802	746	772
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	740	761
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	795	743	774
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	793	740	770
	27	Meerut	0.00%	99.82%	0.18%	0.18%	807	748	776
	28	Moga	0.00%	99.85%	0.15%	0.15%	808	730	767
	29	Orai	0.00%	99.33%	0.67%	0.67%	803	760	784
	30	Phagi	0.00%	100.00%	0.00%	0.00%	799	752	779
	31	Unnao	0.00%	100.00%	0.00%	0.00%	791	736	768
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	790	757	774
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	796	752
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	799	745	777
3		Banaskantha	0.00%	99.83%	0.17%	0.17%	802	755	779
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	746	773
5		Bhuj	0.00%	100.00%	0.00%	0.00%	796	748	772
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	790	746	766
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	778	745	763
8		Bina	0.00%	100.00%	0.00%	0.00%	799	755	777
9		Champa	0.00%	100.00%	0.00%	0.00%	797	761	781
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	746	765
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	747	777
12		Ektuni	0.00%	100.00%	0.00%	0.00%	795	747	770
13		Gadawara	0.00%	99.65%	0.35%	0.35%	802	757	781
14		Gwalior	0.00%	98.98%	1.02%	1.02%	803	758	781
15		Indore	0.00%	100.00%	0.00%	0.00%	795	743	774
16		Jabalpur	0.00%	96.85%	3.15%	3.15%	805	763	784
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	795	749	777
18		Koradi	0.00%	100.00%	0.00%	0.00%	784	751	767
19		Lakadia	0.00%	99.96%	0.04%	0.04%	802	751	777
20		New Parli	0.00%	98.50%	1.50%	1.50%	804	761	778
21		Padghe	0.00%	99.89%	0.11%	0.11%	801	744	776
22		Pune	0.00%	99.53%	0.47%	0.47%	803	745	778
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	793	763	780
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	761	778
25		Rajnandgaon	0.00%	100.00%	0.00%	0.00%	796	748	775
26		Sasan	0.00%	100.00%	0.00%	0.00%	790	764	776
27		Satna	0.00%	98.20%	1.80%	1.80%	801	762	782
28		Seoni	0.00%	100.00%	0.00%	0.00%	791	745	771
29		Sipat	0.00%	100.00%	0.00%	0.00%	779	748	765
30		Solapur	0.00%	95.00%	5.00%	5.00%	807	754	786
31		Tammer	0.00%	100.00%	0.00%	0.00%	793	765	779
32		Tirora	0.00%	100.00%	0.00%	0.00%	782	748	767
33		Vadodara	0.00%	98.74%	1.26%	1.26%	805	740	777
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	766	780
35		Wardha	0.00%	100.00%	0.00%	0.00%	795	735	772
36		Warora	0.00%	100.00%	0.00%	0.00%	799	736	779
SR	1	Chilakaluripeta	0.00%	96.22%	3.78%	3.78%	809	746	787
	2	Cuddapah	0.00%	82.03%	17.97%	17.97%	812	746	789
	3	Kurnool	0.00%	99.96%	0.04%	0.04%	801	742	778
	4	Maheshwaram	0.00%	86.77%	13.23%	13.23%	807	747	788
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	747	777
	6	Nizamabad	0.00%	91.53%	8.47%	8.47%	806	746	786
	7	Raichur	0.00%	99.05%	0.95%	0.95%	803	745	781
	8	Srikakulam	0.00%	96.72%	3.28%	3.28%	805	750	785
	9	Thiruvalam	0.00%	100.00%	0.00%	0.00%	796	737	772
	10	Vemagiri	0.00%	89.45%	10.55%	10.55%	808	757	787
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	783	745	770
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	782	757	772
	3	Gaya	0.00%	100.00%	0.00%	0.00%	785	752	769
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	763	781
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	787	746	766
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	786	733	757
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	793	764	779
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	782	741	765
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	406
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	402
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	407
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	409
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	411
	6	Byrihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	411
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	406
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	403
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	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%	416	396	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	407
	13	PK Beni	0.00%	100.00%	0.00%	0.00%	411	390	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	410
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	408
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	388	401

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