

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
30-Oct-2023 to 05-Nov-2023

Date: 9-Nov-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 30-Oct-2023 to 05-Nov-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%	798	751	775
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	798	751	775
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	794	750	777
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	793	752	773
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	764	770
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	775	762	769
	7	Anta	0.00%	100.00%	0.00%	0.00%	792	756	775
	9	Bara	0.00%	100.00%	0.00%	0.00%	781	763	772
	10	Barilly	0.00%	100.00%	0.00%	0.00%	795	750	775
	11	Bhadra	0.00%	100.00%	0.00%	0.00%	789	755	773
	12	Bhadra II	0.00%	100.00%	0.00%	0.00%	794	747	774
	13	Bhawan	0.00%	100.00%	0.00%	0.00%	799	763	783
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	793	758	774
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	798	745	777
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	787	745	774
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	749	767
	18	Greater Noida	0.00%	99.96%	0.04%	0.04%	800	756	779
	19	Hapur	0.00%	99.86%	0.14%	0.14%	803	744	776
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	795	755	777
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	787	758	773
	22	Khetri	0.00%	100.00%	0.00%	0.00%	796	758	779
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	798	755	776
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	778	747	760
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	786	757	772
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	788	749	770
	27	Meerut	0.00%	99.51%	0.49%	0.49%	803	755	781
	28	Moga	0.00%	100.00%	0.00%	0.00%	796	754	773
	29	Orai	0.00%	99.94%	0.06%	0.06%	801	763	784
	30	Phagi	0.00%	100.00%	0.00%	0.00%	795	750	777
	31	Unnao	0.00%	100.00%	0.00%	0.00%	775	750	763
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	784	767	776
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	789	757
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	796	746	776
3		Banaskantha	0.00%	99.98%	0.02%	0.02%	800	761	782
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	748	769
5		Bhuj	0.00%	100.00%	0.00%	0.00%	790	753	773
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	785	753	770
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	781	754	771
8		Bina	0.00%	100.00%	0.00%	0.00%	793	763	776
9		Champa	0.00%	95.11%	4.89%	4.89%	804	776	791
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	765	777
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	752	776
12		Ektuni	0.00%	100.00%	0.00%	0.00%	787	750	769
13		Gadawara	0.00%	100.00%	0.00%	0.00%	794	765	782
14		Gwalior	0.00%	100.00%	0.00%	0.00%	796	768	779
15		Indore	0.00%	100.00%	0.00%	0.00%	795	752	775
16		Jabalpur	0.00%	100.00%	0.00%	0.00%	799	770	784
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	797	757	778
18		Koradi	0.00%	100.00%	0.00%	0.00%	780	758	770
19		Lakadia	0.00%	100.00%	0.00%	0.00%	798	762	781
20		New Parli	0.00%	99.66%	0.34%	0.34%	804	750	781
21		Padghe	0.00%	99.71%	0.29%	0.29%	806	744	777
22		Pune	0.00%	99.72%	0.28%	0.28%	804	742	775
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	774	786
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	765	784
25		Rajnandgaon	0.00%	99.99%	0.01%	0.01%	800	766	787
26		Sasan	0.00%	100.00%	0.00%	0.00%	785	765	777
27		Satna	0.00%	100.00%	0.00%	0.00%	793	764	782
28		Seoni	0.00%	100.00%	0.00%	0.00%	786	750	772
29		Sipat	0.00%	100.00%	0.00%	0.00%	782	758	772
30		Solapur	0.00%	99.27%	1.73%	1.73%	805	755	784
31		Tammer	0.00%	100.00%	0.00%	0.00%	793	765	783
32		Tirora	0.00%	100.00%	0.00%	0.00%	776	752	768
33		Vadodara	0.00%	99.88%	0.12%	0.12%	801	755	780
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	787	765	780
35		Wardha	0.00%	100.00%	0.00%	0.00%	790	750	774
36		Warora	0.00%	100.00%	0.00%	0.00%	797	755	781
SR	1	Chilakaluripeta	0.00%	99.29%	0.71%	0.71%	803	760	783
	2	Cuddapah	0.00%	93.90%	6.10%	6.10%	807	763	786
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	796	754	776
	4	Maheshwaram	0.00%	81.06%	18.94%	18.94%	808	765	789
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	750	772
	6	Nizamabad	0.00%	91.28%	8.72%	8.72%	805	764	787
	7	Raichur	0.00%	100.00%	0.00%	0.00%	800	755	779
	8	Srikakulam	0.00%	97.52%	2.48%	2.48%	804	756	784
	9	Thiruvalem	0.00%	100.00%	0.00%	0.00%	791	752	772
	10	Vemagiri	0.00%	99.25%	0.75%	0.75%	807	754	785
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	795	754	774
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	787	765	777
	3	Gaya	0.00%	100.00%	0.00%	0.00%	780	760	771
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	772	786
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	781	752	769
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	774	736	758
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	792	770	781
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	775	754	765
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	405
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	403
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	408
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	408
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	404	412
	6	Byrnhat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	421	400	413
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	404
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	404
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	406
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	411	397	405
	14	Ranganadi (400 kV)	0.00%	99.96%	0.00%	0.00%	422	402	410
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	409
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	397	403

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