

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
20-Nov-2023 to 26-Nov-2023

Date: 1-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 20-Nov-2023 to 26-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%	99.44%	0.56%	0.56%	802	738	777
	2	Agra (Fatehabad)	0.00%	99.44%	0.56%	0.56%	802	738	777
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	796	749	778
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	791	736	772
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	756	768
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	756	766
	7	Anta	0.00%	100.00%	0.00%	0.00%	791	758	778
	9	Bara	0.00%	100.00%	0.00%	0.00%	791	755	772
	10	Barilly	0.00%	99.87%	0.13%	0.13%	801	734	773
	11	Bhadsa	0.00%	100.00%	0.00%	0.00%	791	759	775
	12	Bhadra II	0.00%	100.00%	0.00%	0.00%	794	760	775
	13	Bhawan	0.00%	100.00%	0.00%	0.00%	796	758	780
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	793	757	773
	15	Chittorgarh	0.00%	99.85%	0.15%	0.15%	801	744	778
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	790	756	775
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	738	766
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	744	778
	19	Hapur	0.00%	100.00%	0.00%	0.00%	798	744	777
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	792	750	776
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	789	737	769
	22	Khetri	0.00%	100.00%	0.00%	0.00%	795	757	778
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	794	749	774
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	778	739	763
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	796	742	768
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	797	737	765
	27	Meerut	0.00%	100.00%	0.00%	0.00%	799	749	778
	28	Moga	0.00%	100.00%	0.00%	0.00%	796	740	767
	29	Orai	0.00%	99.96%	0.04%	0.04%	812	749	783
	30	Phagi	0.00%	100.00%	0.00%	0.00%	798	750	779
	31	Unnao	0.00%	100.00%	0.00%	0.00%	788	734	761
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	787	751	773
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	792	755
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	797	746	777
3		Banaskantha	0.00%	99.38%	0.62%	0.62%	803	760	783
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	743	771
5		Bhuj	0.00%	100.00%	0.00%	0.00%	792	751	775
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	786	747	770
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	786	758	771
8		Bina	0.00%	100.00%	0.00%	0.00%	797	749	778
9		Champa	0.00%	98.03%	1.97%	1.97%	803	773	788
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	765	777
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	749	776
12		Ektuni	0.00%	100.00%	0.00%	0.00%	792	748	769
13		Gadawara	0.00%	99.89%	0.11%	0.11%	802	766	785
14		Gwalior	0.00%	100.00%	0.00%	0.00%	797	747	780
15		Indore	0.00%	100.00%	0.00%	0.00%	797	743	773
16		Jabalpur	0.00%	99.49%	0.51%	0.51%	803	760	785
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	798	747	775
18		Koradi	0.00%	100.00%	0.00%	0.00%	781	755	769
19		Lakadia	0.00%	99.18%	0.82%	0.82%	803	759	782
20		New Parli	0.00%	99.12%	0.88%	0.88%	803	758	785
21		Padghe	0.00%	99.77%	0.23%	0.23%	804	745	779
22		Pune	0.00%	99.67%	0.33%	0.33%	807	741	777
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	772	784
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	770	783
25		Rajnandgaon	0.00%	98.77%	1.23%	1.23%	807	765	786
26		Sasan	0.00%	100.00%	0.00%	0.00%	787	760	776
27		Satna	0.00%	100.00%	0.00%	0.00%	797	758	781
28		Seoni	0.00%	100.00%	0.00%	0.00%	794	755	774
29		Sipat	0.00%	100.00%	0.00%	0.00%	784	760	772
30		Solapur	0.00%	99.39%	0.61%	0.61%	804	757	786
31		Tammer	0.00%	100.00%	0.00%	0.00%	795	769	782
32		Tirora	0.00%	100.00%	0.00%	0.00%	778	752	766
33		Vadodara	0.00%	99.38%	0.63%	0.63%	802	740	780
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	791	767	779
35		Wardha	0.00%	100.00%	0.00%	0.00%	796	752	776
36		Warora	0.00%	99.91%	0.09%	0.09%	802	758	784
SR	1	Chilakuripeta	0.00%	91.78%	8.22%	8.22%	808	756	787
	2	Cuddapah	0.00%	89.54%	10.46%	10.46%	809	756	787
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	794	746	775
	4	Maheshwaram	0.00%	85.40%	14.60%	14.60%	810	757	789
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	750	775
	6	Nizamabad	0.00%	89.54%	10.46%	10.46%	808	758	788
	7	Raichur	0.00%	100.00%	0.00%	0.00%	798	751	780
	8	Srikakulam	0.00%	94.22%	5.78%	5.78%	807	757	786
	9	Thiruvalem	0.00%	100.00%	0.00%	0.00%	796	738	774
	10	Vemagiri	0.00%	81.14%	18.86%	18.86%	810	762	790
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	788	752	773
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	790	765	778
	3	Gaya	0.00%	100.00%	0.00%	0.00%	784	748	769
	4	Jharsuguda	0.00%	99.56%	0.44%	0.44%	801	771	787
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	785	749	768
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	778	736	758
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	794	754	779
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	777	740	759
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	405
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	402
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	420	398	407
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	408
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	410
	6	Byrihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	411
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	406
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	403
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	403
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	406
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	405
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	408
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	411	393	405
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	420	400	409
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	409
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	394	403

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