

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
27-Nov-2023 to 03-Dec-2023

Date: 8-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 27-Nov-2023 to 03-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	744	774
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	791	744	774
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	800	750	780
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	794	743	775
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	759	771
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	757	770
	7	Anta	0.00%	100.00%	0.00%	0.00%	798	760	780
	9	Bara	0.00%	100.00%	0.00%	0.00%	787	757	775
	10	Barilly	0.00%	99.85%	0.15%	0.15%	803	742	780
	11	Bhadra	0.00%	100.00%	0.00%	0.00%	792	736	774
	12	Bhadra II	0.00%	100.00%	0.00%	0.00%	797	750	776
	13	Bhivani	0.00%	99.91%	0.09%	0.09%	802	756	782
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	793	748	775
	15	Chittorgarh	0.00%	99.50%	0.50%	0.50%	802	753	781
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	799	731	774
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	745	771
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	799	748	781
	19	Hapur	0.00%	100.00%	0.00%	0.00%	799	745	779
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	795	751	777
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	744	775
	22	Khetri	0.00%	100.00%	0.00%	0.00%	797	754	779
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	797	746	775
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	774	743	763
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	794	742	777
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	792	743	773
	27	Meerut	0.00%	99.82%	0.18%	0.18%	803	750	780
	28	Moga	0.00%	100.00%	0.00%	0.00%	792	733	769
	29	Orai	0.00%	97.76%	2.24%	2.24%	807	756	787
	30	Phagi	0.00%	100.00%	0.00%	0.00%	800	752	781
	31	Unnao	0.00%	100.00%	0.00%	0.00%	797	735	767
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	793	752	777
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	796	755
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	797	753	777
3		Banaskantha	0.00%	100.00%	0.00%	0.00%	795	758	779
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	748	772
5		Bhuj	0.00%	100.00%	0.00%	0.00%	787	754	771
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	779	747	765
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	788	757	771
8		Bina	0.00%	100.00%	0.00%	0.00%	800	756	783
9		Champa	0.00%	90.02%	9.98%	9.98%	806	773	791
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	756	772
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	754	775
12		Ektuni	0.00%	100.00%	0.00%	0.00%	795	752	775
13		Gadchiroli	0.00%	95.95%	4.05%	4.05%	803	771	789
14		Gwalior	0.00%	99.37%	0.63%	0.63%	804	754	780
15		Indore	0.00%	100.00%	0.00%	0.00%	794	748	772
16		Jabalpur	0.00%	90.04%	9.96%	9.96%	806	768	790
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	794	752	775
18		Koradi	0.00%	100.00%	0.00%	0.00%	785	751	770
19		Lakadia	0.00%	100.00%	0.00%	0.00%	794	755	775
20		New Parli	0.00%	89.92%	10.08%	10.08%	806	764	788
21		Padghe	0.00%	99.71%	0.29%	0.29%	803	746	778
22		Pune	0.00%	99.54%	0.46%	0.46%	804	747	779
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	773	787
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	771	785
25		Rajnandgaon	0.00%	91.13%	8.87%	8.87%	807	768	789
26		Sasan	0.00%	100.00%	0.00%	0.00%	792	765	779
27		Satna	0.00%	99.57%	0.43%	0.43%	801	764	786
28		Seoni	0.00%	100.00%	0.00%	0.00%	798	759	779
29		Sipat	0.00%	100.00%	0.00%	0.00%	786	760	773
30		Solapur	0.00%	93.26%	6.74%	6.74%	809	764	787
31		Tamner	0.00%	100.00%	0.00%	0.00%	798	773	786
32		Tirora	0.00%	100.00%	0.00%	0.00%	783	748	768
33		Vadodara	0.00%	99.84%	0.16%	0.16%	804	754	777
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	796	768	783
35		Wardha	0.00%	100.00%	0.00%	0.00%	800	757	777
36		Warora	0.00%	98.08%	1.92%	1.92%	802	762	787
SR	1	Chilakaluripeta	0.00%	92.80%	7.20%	7.20%	811	763	788
	2	Cuddapah	0.00%	90.89%	9.11%	9.11%	812	759	786
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	796	754	776
	4	Maheshwaram	0.00%	81.33%	18.67%	18.67%	796	766	790
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	756	775
	6	Nizamabad	0.00%	89.94%	10.06%	10.06%	811	769	789
	7	Raichur	0.00%	100.00%	0.00%	0.00%	799	759	781
	8	Srikakulam	0.00%	97.02%	2.98%	2.98%	804	762	787
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	795	745	775
	10	Vemagiri	0.00%	79.45%	20.55%	20.55%	806	771	791
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	791	754	775
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	790	770	780
	3	Gaya	0.00%	100.00%	0.00%	0.00%	786	746	771
	4	Jharsuguda	0.00%	99.78%	0.22%	0.22%	802	774	789
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	784	750	767
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	777	735	757
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	796	767	782
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	787	744	768
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	406
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	403
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	409
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	411
	6	Byrihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	405	412
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	407
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	404
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	404
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	407
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	408
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	412	398	405
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	411
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	410
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	398	404

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