

**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**  
**11-Dec-2023 to 17-Dec-2023**

Date: 22-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 11-Dec-2023 to 17-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%	790	736	770
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	790	736	770
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	795	748	778
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	794	738	770
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	758	769
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	756	767
	7	Anta	0.00%	100.00%	0.00%	0.00%	795	757	779
	9	Bara	0.00%	100.00%	0.00%	0.00%	783	755	769
	10	Barilly	0.00%	99.97%	0.03%	0.03%	801	739	776
	11	Bhadia	0.00%	100.00%	0.00%	0.00%	791	757	772
	12	Bhadia II	0.00%	100.00%	0.00%	0.00%	796	760	775
	13	Bhivani	0.00%	100.00%	0.00%	0.00%	799	753	777
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	795	756	774
	15	Chittorgarh	0.00%	99.99%	0.01%	0.01%	800	751	780
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	795	753	774
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	749	768
	18	Greater Noida	0.00%	99.97%	0.03%	0.03%	800	749	775
	19	Hapur	0.00%	100.00%	0.00%	0.00%	798	745	776
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	795	750	773
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	740	771
	22	Khetri	0.00%	100.00%	0.00%	0.00%	798	754	776
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	797	743	772
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	773	738	759
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	791	747	769
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	788	743	766
	27	Masrui	0.00%	99.81%	0.19%	0.19%	802	745	777
	28	Moga	0.00%	100.00%	0.00%	0.00%	798	734	767
	29	Orai	0.00%	98.78%	1.22%	1.22%	805	757	782
	30	Phagi	0.00%	100.00%	0.00%	0.00%	798	747	779
	31	Unnao	0.00%	100.00%	0.00%	0.00%	788	740	767
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	787	751	772
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	794	736
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	799	750	776
3		Banaskantha	0.00%	99.95%	0.05%	0.05%	801	753	786
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	742	770
5		Bhuj	0.00%	100.00%	0.00%	0.00%	795	746	777
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	789	745	773
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	778	747	762
8		Bina	0.00%	100.00%	0.00%	0.00%	796	753	775
9		Champa	0.00%	100.00%	0.00%	0.00%	796	762	780
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	751	765
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	751	777
12		Ektuni	0.00%	100.00%	0.00%	0.00%	792	738	773
13		Gadawara	0.00%	100.00%	0.00%	0.00%	800	760	788
14		Gwalior	0.00%	100.00%	0.00%	0.00%	800	754	779
15		Indore	0.00%	100.00%	0.00%	0.00%	796	746	773
16		Jabalpur	0.00%	99.81%	0.19%	0.19%	802	762	782
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	797	751	776
18		Koradi	0.00%	100.00%	0.00%	0.00%	781	745	767
19		Lakadia	0.00%	100.00%	0.00%	0.00%	800	752	784
20		New Parli	0.00%	99.78%	0.22%	0.22%	803	756	781
21		Padghe	0.00%	99.79%	0.21%	0.21%	806	746	779
22		Pune	0.00%	99.29%	0.71%	0.71%	808	746	780
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	793	764	778
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	762	777
25		Rajnandgaon	0.00%	100.00%	0.00%	0.00%	798	753	776
26		Sasan	0.00%	100.00%	0.00%	0.00%	786	763	775
27		Satna	0.00%	100.00%	0.00%	0.00%	797	763	780
28		Seoni	0.00%	100.00%	0.00%	0.00%	790	744	768
29		Sipat	0.00%	100.00%	0.00%	0.00%	779	749	763
30		Solapur	0.00%	97.26%	2.74%	2.74%	804	760	785
31		Tammer	0.00%	100.00%	0.00%	0.00%	793	768	779
32		Tirora	0.00%	100.00%	0.00%	0.00%	778	748	765
33		Vadodara	0.00%	98.98%	1.02%	1.02%	803	744	779
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	791	768	778
35		Wardha	0.00%	100.00%	0.00%	0.00%	794	746	774
36		Warora	0.00%	100.00%	0.00%	0.00%	800	750	779
SR	1	Chilakaluripeta	0.00%	99.99%	0.01%	0.01%	800	743	779
	2	Cuddapah	0.00%	91.08%	8.92%	8.92%	807	754	785
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	793	746	773
	4	Maheshwaram	0.00%	89.28%	10.72%	10.72%	810	750	786
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	748	773
	6	Nizamabad	0.00%	86.18%	13.82%	13.82%	814	756	786
	7	Raichur	0.00%	100.00%	0.00%	0.00%	796	750	778
	8	Srikakulam	0.00%	95.76%	4.24%	4.24%	805	755	782
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	791	742	770
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	797	751	778
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	795	751	773
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	787	762	774
	3	Gaya	0.00%	100.00%	0.00%	0.00%	784	750	768
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	767	782
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	781	747	766
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	776	734	756
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	791	762	777
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	779	742	762
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	398	405
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	391	402
	3	Biswanath Chariali (400 kV)	0.02%	99.98%	0.00%	0.02%	420	354	407
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	410
	6	Byrnhat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	400	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%	414	390	402
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	403
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	408
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	408
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	412	394	403
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	422	398	409
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	409
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	410	395	403

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