

**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**  
**18-Dec-2023 to 24-Dec-2023**

Date: 29-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 18-Dec-2023 to 24-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	770
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	791	739	770
	3	Ajmer	0.00%	99.93%	0.07%	0.07%	802	746	778
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	793	741	771
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	755	767
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	754	765
	7	Anta	0.00%	100.00%	0.00%	0.00%	792	757	778
	9	Bara	0.00%	100.00%	0.00%	0.00%	782	753	770
	10	Barilly	0.00%	99.57%	0.43%	0.43%	803	743	777
	11	Bhadsa	0.00%	100.00%	0.00%	0.00%	794	736	772
	12	Bhadia II	0.00%	100.00%	0.00%	0.00%	799	740	775
	13	Bhivani	0.00%	100.00%	0.00%	0.00%	799	752	777
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	800	744	774
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	800	745	782
	16	Fatehgarh II	0.01%	99.99%	0.00%	0.01%	798	722	776
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	744	770
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	745	776
	19	Hapur	0.00%	99.55%	0.45%	0.45%	804	743	775
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	794	748	774
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	744	771
	22	Khetri	0.00%	100.00%	0.00%	0.00%	799	748	776
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	794	745	772
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	769	739	758
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	792	745	774
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	798	756	775
	27	Meerut	0.00%	99.96%	0.04%	0.04%	801	747	776
	28	Moga	0.00%	99.98%	0.02%	0.02%	801	740	766
	29	Orai	0.00%	98.73%	0.27%	0.27%	804	756	783
	30	Phagi	0.00%	99.93%	0.07%	0.07%	803	741	778
	31	Unnao	0.00%	100.00%	0.00%	0.00%	790	743	768
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	789	754	774
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	749
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	796	740	773
3		Banaskantha	0.00%	100.00%	0.00%	0.00%	800	757	785
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	739	770
5		Bhuj	0.00%	100.00%	0.00%	0.00%	795	756	779
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	787	748	772
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	785	749	765
8		Bina	0.00%	100.00%	0.00%	0.00%	799	750	776
9		Champa	0.00%	100.00%	0.00%	0.00%	799	762	782
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	755	769
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	742	775
12		Ektuni	0.00%	100.00%	0.00%	0.00%	788	740	768
13		Gadwanra	0.00%	98.09%	1.91%	1.91%	804	762	782
14		Gwalior	0.00%	100.00%	0.00%	0.00%	796	752	775
15		Indore	0.00%	100.00%	0.00%	0.00%	796	743	773
16		Jabalpur	0.00%	97.05%	2.95%	2.95%	806	762	784
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	796	747	775
18		Koradi	0.00%	100.00%	0.00%	0.00%	783	748	763
19		Lakadia	0.00%	100.00%	0.00%	0.00%	798	758	783
20		New Parli	0.00%	96.06%	3.94%	3.94%	805	752	782
21		Padghe	0.00%	99.44%	0.56%	0.56%	804	740	777
22		Pune	0.00%	98.37%	1.63%	1.63%	806	739	779
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	764	780
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	763	778
25		Rajnandgaon	0.00%	99.92%	0.08%	0.08%	801	752	780
26		Sasan	0.00%	100.00%	0.00%	0.00%	788	763	776
27		Satna	0.00%	100.00%	0.00%	0.00%	798	761	781
28		Seoni	0.00%	100.00%	0.00%	0.00%	795	743	769
29		Sipat	0.00%	100.00%	0.00%	0.00%	785	753	766
30		Solapur	0.00%	94.38%	5.63%	5.63%	807	754	784
31		Tamner	0.00%	100.00%	0.00%	0.00%	795	766	780
32		Tirora	0.00%	100.00%	0.00%	0.00%	776	750	761
33		Vadodara	0.00%	100.00%	0.00%	0.00%	798	742	777
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	793	766	780
35		Wardha	0.00%	100.00%	0.00%	0.00%	798	741	773
36		Warora	0.00%	98.28%	1.72%	1.72%	803	745	779
SR	1	Chilakaluripeta	0.00%	99.11%	0.89%	0.89%	804	733	775
	2	Cuddapah	0.00%	92.96%	7.04%	7.04%	811	742	784
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	794	736	774
	4	Maheshwaram	0.00%	93.47%	6.53%	6.53%	806	741	784
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	743	773
	6	Nizamabad	0.00%	96.07%	3.93%	3.93%	804	744	784
	7	Raichur	0.00%	100.00%	0.00%	0.00%	798	742	778
	8	Srikakulam	0.00%	97.34%	2.66%	2.66%	812	742	782
	9	Thiruvalam	0.49%	99.51%	0.00%	0.49%	800	722	774
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	799	742	777
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	797	742	773
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	790	760	776
	3	Gaya	0.00%	100.00%	0.00%	0.00%	787	753	769
	4	Jharsuguda	0.00%	99.99%	0.01%	0.01%	800	764	784
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	788	742	766
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	786	729	756
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	794	758	778
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	776	735	760
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%	414	389	401
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	423	396	408
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	407
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	409
	6	Byrihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	410
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	414	383	402
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	391	402
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	420	395	406
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	405
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	408
	13	PK Beni	0.00%	100.00%	0.00%	0.00%	412	392	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	422	396	409
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	408
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	402

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