

**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**  
**25-Dec-2023 to 31-Dec-2023**

Date: 5-Jan-2024

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	12	3.00	1.79
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	1	0.25	0.15
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 25-Dec-2023 to 31-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%	792	738	768
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	792	738	768
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	799	754	777
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	794	737	768
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	753	766
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	753	765
	7	Anta	0.00%	100.00%	0.00%	0.00%	790	750	775
	9	Bara	0.00%	100.00%	0.00%	0.00%	782	754	767
	10	Barilly	0.01%	99.99%	0.00%	0.01%	795	709	772
	11	Bhadia	0.00%	100.00%	0.00%	0.00%	795	751	772
	12	Bhadia II	0.00%	100.00%	0.00%	0.00%	798	757	776
	13	Bhivani	0.00%	100.00%	0.00%	0.00%	798	750	776
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	799	755	774
	15	Chittorgarh	0.00%	99.96%	0.04%	0.04%	801	752	779
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	791	757	775
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	740	766
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	800	742	775
	19	Hapur	0.00%	99.62%	0.38%	0.38%	807	735	774
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	794	745	771
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	741	768
	22	Khetri	0.00%	100.00%	0.00%	0.00%	800	748	775
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	794	744	770
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	771	737	756
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	793	743	770
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	799	738	770
	27	Meerut	0.00%	100.00%	0.00%	0.00%	800	745	774
	28	Moga	0.00%	99.95%	0.05%	0.05%	802	739	765
	29	Orai	0.00%	100.00%	0.00%	0.00%	797	751	779
	30	Phagi	0.00%	100.00%	0.00%	0.00%	800	729	775
	31	Unnao	0.00%	100.00%	0.00%	0.00%	786	740	764
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	789	754	771
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	787	751
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	794	749	774
3		Banaskantha	0.00%	100.00%	0.00%	0.00%	800	761	784
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	743	769
5		Bhuj	0.00%	100.00%	0.00%	0.00%	793	756	777
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	785	752	772
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	778	751	764
8		Bina	0.00%	100.00%	0.00%	0.00%	794	749	773
9		Champa	0.00%	100.00%	0.00%	0.00%	797	769	782
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	755	766
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	748	775
12		Ektuni	0.00%	100.00%	0.00%	0.00%	788	745	769
13		Gadawara	0.00%	100.00%	0.00%	0.00%	798	765	780
14		Gwalior	0.00%	100.00%	0.00%	0.00%	797	746	776
15		Indore	0.00%	100.00%	0.00%	0.00%	790	743	770
16		Jabalpur	0.00%	99.97%	0.03%	0.03%	800	761	781
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	792	750	774
18		Koradi	0.00%	100.00%	0.00%	0.00%	778	754	766
19		Lakadia	0.00%	100.00%	0.00%	0.00%	798	761	783
20		New Parli	0.00%	99.99%	0.01%	0.01%	800	757	781
21		Padghe	0.00%	100.00%	0.00%	0.00%	796	742	776
22		Pune	0.00%	100.00%	0.00%	0.00%	799	737	778
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	793	768	779
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	790	767	777
25		Rajnandgaon	0.00%	100.00%	0.00%	0.00%	798	763	780
26		Sasan	0.00%	100.00%	0.00%	0.00%	788	761	774
27		Satna	0.00%	100.00%	0.00%	0.00%	796	756	779
28		Seoni	0.00%	100.00%	0.00%	0.00%	786	748	767
29		Sipat	0.00%	100.00%	0.00%	0.00%	778	754	766
30		Solapur	0.00%	99.89%	0.12%	0.12%	802	744	783
31		Tammer	0.00%	100.00%	0.00%	0.00%	793	768	779
32		Tirora	0.00%	100.00%	0.00%	0.00%	772	754	763
33		Vadodara	0.00%	100.00%	0.00%	0.00%	795	743	775
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	764	778
35		Wardha	0.00%	100.00%	0.00%	0.00%	789	750	772
36		Warora	0.00%	100.00%	0.00%	0.00%	796	753	778
SR	1	Chilakaluripeta	0.00%	100.00%	0.00%	0.00%	799	750	777
	2	Cuddapah	0.00%	99.38%	0.62%	0.62%	802	753	781
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	788	743	770
	4	Maheshwaram	0.00%	99.61%	0.39%	0.39%	802	753	781
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	746	770
	6	Nizamabad	0.00%	99.04%	0.96%	0.96%	802	750	779
	7	Raichur	0.00%	100.00%	0.00%	0.00%	794	748	774
	8	Srikakulam	0.00%	99.61%	0.39%	0.39%	801	752	782
	9	Thiruvalem	0.00%	100.00%	0.00%	0.00%	798	743	770
	10	Vemagiri	0.00%	97.23%	2.77%	2.77%	804	754	779
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	789	752	774
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	787	767	776
	3	Gaya	0.00%	100.00%	0.00%	0.00%	784	751	767
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	770	784
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	787	745	765
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	785	732	757
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	792	763	778
	8	Sasaram	8.17%	91.82%	0.01%	8.18%	804	715	755
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%	411	392	402
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	408
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	408
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	409
	6	Byrnhat/Killing (400 kV)	0.00%	99.86%	0.00%	0.00%	421	402	412
	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%	412	394	403
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	403
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	394	407
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	408
	13	PK Beni	0.00%	100.00%	0.00%	0.00%	412	394	403
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	420	399	409
	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%	410	395	403

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