

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
23-Dec-2024 to 29-Dec-2024

Date: 3-Jan-2025

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 23-Dec-2024 to 29-Dec-2024

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 IECG band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	1	Agra	0.00%	98.73%	1.27%	1.27%	803	749	779
	2	Agra (Fatehabad)	0.00%	98.73%	1.27%	1.27%	803	749	779
	3	Ajmer	0.00%	99.63%	0.37%	0.37%	804	751	786
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	799	747	777
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	760	772
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	781	756	769
	7	Anta	0.00%	100.00%	0.00%	0.00%	793	755	778
	9	Bara	0.00%	100.00%	0.00%	0.00%	782	753	769
	10	Bareilly	0.00%	97.10%	2.90%	2.90%	809	744	779
	11	Bhadla	0.02%	99.96%	0.02%	0.04%	808	726	781
	12	Bhadla II	0.03%	99.97%	0.00%	0.03%	798	721	785
	13	Bhwani	0.00%	100.00%	0.00%	0.00%	800	754	784
	14	Bikaner	0.00%	99.70%	0.30%	0.30%	803	733	784
	15	Chittorgarh	0.00%	98.88%	1.12%	1.12%	802	758	786
	16	Fatehgarh II	0.03%	99.96%	0.01%	0.04%	810	708	779
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	796	742	767
	18	Greater Noida	0.00%	98.39%	1.61%	1.61%	804	751	783
	19	Hapur	0.00%	98.78%	1.22%	1.22%	802	743	779
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	799	749	780
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	796	739	771
	22	Khetri	0.00%	99.83%	0.17%	0.17%	802	747	784
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	798	744	776
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	745	764
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	794	744	771
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	790	732	766
	27	Meerut	0.00%	98.46%	1.54%	1.54%	803	745	782
	28	Moga	0.00%	99.95%	0.05%	0.05%	801	745	776
	29	Orai	0.00%	91.54%	8.46%	8.46%	809	758	787
	30	Phagi	0.00%	97.83%	2.17%	2.17%	803	749	784
	31	Ummao	0.00%	100.00%	0.00%	0.00%	784	748	762
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	789	750	772
	1	Akola	0.00%	100.00%	0.00%	0.00%	800	750	774
2	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	744	774	
3	Barasankha	0.00%	95.03%	4.97%	4.97%	804	758	784	
4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	744	772	
5	Bhuj	0.00%	100.00%	0.00%	0.00%	792	755	776	
6	Bhuj II	0.00%	100.00%	0.00%	0.00%	786	750	770	
7	Bilaspur	0.00%	100.00%	0.00%	0.00%	785	753	768	
8	Bina	0.00%	97.23%	2.77%	2.77%	805	753	780	
9	Champa	0.00%	96.33%	3.67%	3.67%	806	771	788	
10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	758	770	
11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	749	776	
12	Ektuni	0.00%	100.00%	0.00%	0.00%	797	746	771	
13	Gadarwara	0.00%	96.22%	3.78%	3.78%	806	763	784	
14	Gwalior	0.00%	96.09%	3.91%	3.91%	806	752	783	
15	Indore	0.00%	100.00%	0.00%	0.00%	794	746	773	
16	Jabalpur	0.00%	92.34%	7.66%	7.66%	810	762	786	
17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	796	749	774	
18	Koradi	0.00%	100.00%	0.00%	0.00%	786	748	769	
19	Lakadia	0.00%	100.00%	0.00%	0.00%	798	756	781	
20	New Parli	0.00%	99.11%	0.89%	0.89%	802	755	781	
21	Padghe	0.00%	97.78%	2.22%	2.22%	806	745	779	
22	Pune	0.00%	96.63%	3.37%	3.37%	808	751	782	
23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	800	771	783	
24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	770	782	
25	Rajinandgaon	0.00%	99.27%	0.73%	0.73%	802	733	780	
26	Sasan	0.00%	100.00%	0.00%	0.00%	791	760	776	
27	Satna	0.00%	96.26%	3.74%	3.74%	804	759	783	
28	Seoni	0.00%	99.53%	0.47%	0.47%	802	753	776	
29	Sipat	0.00%	100.00%	0.00%	0.00%	786	756	768	
30	Solapur	0.00%	99.37%	0.63%	0.63%	802	758	781	
31	Tamnar	0.00%	100.00%	0.00%	0.00%	797	770	782	
32	Tirora	0.00%	100.00%	0.00%	0.00%	779	750	765	
33	Vadodara	0.00%	100.00%	0.00%	0.00%	800	747	779	
34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	762	779	
35	Wardha	0.00%	100.00%	0.00%	0.00%	797	748	775	
36	Warora	0.00%	99.85%	0.15%	0.15%	801	752	779	
SR	1	Chalakuripeta	0.00%	100.00%	0.00%	0.00%	797	747	777
	2	Cuddapah	0.00%	96.83%	3.17%	3.17%	806	761	787
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	798	753	778
	4	Maheshwaram	0.00%	98.37%	1.63%	1.63%	804	748	783
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	756	777
	6	Nizamabad	0.00%	97.52%	2.48%	2.48%	803	750	783
	7	Raichur	0.00%	100.00%	0.00%	0.00%	799	755	780
	8	Srikakulam	0.00%	98.41%	1.59%	1.59%	803	755	783
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	788	748	770
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	799	751	780
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	794	760	777
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	791	767	777
	3	Gaya	0.00%	100.00%	0.00%	0.00%	782	744	765
	4	Jharsuguda	0.00%	98.74%	1.26%	1.26%	802	773	786
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	784	741	764
	6	New Jeerat	0.09%	99.91%	0.00%	0.09%	778	726	755
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	797	761	779
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	786	744	766
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	413	405	409
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	405
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	392	405
	4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	410
	5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	410
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	412
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	406
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	405
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	392	404
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	407
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	407
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	410	394	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	414	391	404
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	409
	16	Surajmani Nagar (Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	407	396	402

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