

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
02-Dec-2024 to 08-Dec-2024

Date: 13-Dec-2024

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	31	7.75	4.61
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	5	1.25	0.74
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 02-Dec-2024 to 08-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%	100.00%	0.00%	0.00%	797	742	776
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	797	742	776
	3	Ajmer	0.05%	99.59%	0.36%	0.41%	804	709	782
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	800	741	777
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	789	765	777
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	789	764	776
	7	Anta	0.00%	100.00%	0.00%	0.00%	796	760	779
	9	Bara	0.00%	100.00%	0.00%	0.00%	794	752	775
	10	Bareilly	0.00%	99.33%	0.67%	0.67%	813	740	781
	11	Bhadla	0.15%	99.84%	0.01%	0.16%	803	746	775
	12	Bhadla II	0.13%	99.84%	0.03%	0.16%	800	740	777
	13	Bhwani	0.00%	99.95%	1.05%	1.05%	804	734	783
	14	Bikaner	0.15%	99.85%	0.00%	0.15%	799	728	779
	15	Chittorgarh	0.00%	99.10%	0.90%	0.90%	804	729	783
	16	Fatehgarh II	0.12%	99.87%	0.01%	0.13%	816	756	775
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	796	743	770
	18	Greater Noida	0.00%	99.55%	0.45%	0.45%	802	744	783
	19	Hapur	0.00%	99.40%	0.60%	0.60%	805	740	779
	20	Jhatkara	0.00%	99.94%	0.06%	0.06%	802	736	777
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	792	739	771
	22	Khetri	0.08%	99.78%	0.14%	0.22%	803	716	780
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	800	739	777
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	773	743	762
	25	Lucknow	0.00%	99.83%	0.17%	0.17%	802	740	774
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	792	733	766
	27	Meerut	0.00%	98.70%	1.30%	1.30%	805	743	783
	28	Moga	0.36%	99.58%	0.06%	0.42%	802	707	771
	29	Orai	0.00%	94.90%	5.10%	5.10%	804	754	786
	30	Phagi	0.01%	99.98%	0.01%	0.02%	800	725	780
	31	Umaria	0.00%	100.00%	0.00%	0.00%	792	745	770
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	791	750	774
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	792	748
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	795	740	772
3		Barasankha	0.00%	97.88%	2.12%	2.12%	805	749	783
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	739	770
5		Bhuj	0.00%	99.68%	0.32%	0.32%	802	747	777
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	797	743	772
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	786	753	765
8		Bina	0.00%	100.00%	0.00%	0.00%	799	751	779
9		Champa	0.00%	95.55%	4.45%	4.45%	806	771	787
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	754	766
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	746	775
12		Ektuni	0.00%	100.00%	0.00%	0.00%	793	742	771
13		Gadarwara	0.00%	98.41%	1.59%	1.59%	803	765	783
14		Gwalior	0.00%	99.64%	0.36%	0.36%	801	750	782
15		Indore	0.00%	100.00%	0.00%	0.00%	796	743	771
16		Jabalpur	0.00%	95.15%	4.85%	4.85%	805	762	785
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	795	745	773
18		Koradi	0.00%	100.00%	0.00%	0.00%	782	751	769
19		Lakadia	0.00%	98.24%	1.76%	1.76%	807	750	782
20		New Parli	0.00%	98.93%	1.07%	1.07%	802	756	779
21		Padghe	0.00%	98.88%	1.12%	1.12%	803	738	775
22		Pune	0.00%	97.22%	2.78%	2.78%	805	741	779
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	770	781
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	769	780
25		Rajinandgaon	0.00%	97.99%	2.01%	2.01%	805	763	781
26		Sasan	0.00%	100.00%	0.00%	0.00%	788	762	777
27		Satna	0.00%	100.00%	0.00%	0.00%	799	763	783
28		Seoni	0.00%	100.00%	0.00%	0.00%	800	753	775
29		Sipat	0.00%	100.00%	0.00%	0.00%	787	755	767
30		Solapur	0.00%	99.94%	0.06%	0.06%	801	755	779
31		Tamnar	0.00%	100.00%	0.00%	0.00%	796	770	780
32		Tirora	0.00%	100.00%	0.00%	0.00%	778	752	767
33		Vadodara	0.00%	98.00%	2.00%	2.00%	807	743	778
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	764	780
35		Wardha	0.00%	100.00%	0.00%	0.00%	798	750	774
36		Warora	0.00%	98.36%	1.64%	1.64%	803	746	779
SR	1	Chalakuriipeta	0.00%	100.00%	0.00%	0.00%	798	746	775
	2	Cuddapah	0.00%	97.88%	2.12%	2.12%	806	753	782
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	797	751	772
	4	Maheshwaram	0.00%	87.93%	12.07%	12.07%	809	768	786
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	755	774
	6	Nizamabad	0.00%	92.95%	7.05%	7.05%	811	758	783
	7	Raichur	0.00%	100.00%	0.00%	0.00%	797	756	777
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	799	756	775
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	791	742	767
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	789	753	773
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	784	750	764
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	786	762	771
	3	Gaya	0.00%	100.00%	0.00%	0.00%	780	742	766
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	768	780
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	788	739	764
	6	New Jeerat	0.07%	99.93%	0.00%	0.07%	777	727	753
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	793	762	778
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	785	738	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%	415	395	407
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	408
	4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	409
	5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	411
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	413
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	407
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	406
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	405
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	408
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	408
	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	396	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	408
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	382	410
	16	Surajmani Nagar (Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	408	395	401

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