

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
13-Jan-2025 to 19-Jan-2025

Date: 24-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 13-Jan-2025 to 19-Jan-2025

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%	797	749	777
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	797	749	777
	3 Ajmer	0.00%	98.07%	1.93%	1.93%	804	756	785
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	799	745	776
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	788	758	773
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	788	757	772
	7 Anta	0.00%	100.00%	0.00%	0.00%	795	756	778
	9 Bara	0.00%	100.00%	0.00%	0.00%	783	754	769
	10 Bareilly	0.00%	99.01%	0.99%	0.99%	802	748	779
	11 Bhadla	0.00%	100.00%	0.00%	0.00%	796	741	778
	12 Bhadla II	0.00%	99.97%	0.03%	0.03%	801	748	782
	13 Bhiwani	0.00%	97.61%	2.39%	2.39%	802	757	784
	14 Bikaner	0.00%	99.98%	0.02%	0.02%	798	751	782
	15 Chittorgarh	0.00%	98.35%	1.65%	1.65%	805	754	784
	16 Fatehgarh II	0.00%	99.99%	0.01%	0.01%	801	752	779
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	790	742	767
	18 Greater Noida	0.00%	97.77%	2.23%	2.23%	803	750	782
	19 Hapur	0.00%	100.00%	0.00%	0.00%	799	743	777
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	800	749	779
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	741	770
	22 Khetri	0.00%	99.25%	0.75%	0.75%	805	749	783
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	794	732	768
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	777	743	762
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	795	743	772
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	787	734	766
	27 Meerut	0.00%	97.62%	2.38%	2.38%	805	750	781
	28 Moga	0.00%	99.87%	0.13%	0.13%	806	741	777
	29 Orai	0.00%	90.88%	9.12%	9.12%	806	754	784
	30 Phagi	0.00%	99.94%	0.06%	0.06%	802	752	782
	31 Unnao	0.00%	100.00%	0.00%	0.00%	791	745	769
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	787	759	767
	WR	1 Akola	0.00%	100.00%	0.00%	0.00%	793	750
2 Aurangabad		0.00%	100.00%	0.00%	0.00%	799	743	775
3 Banaskantha		0.00%	98.34%	1.66%	1.66%	805	741	784
4 Bhopal (BDTCL)		0.00%	100.00%	0.00%	0.00%	800	744	771
5 Bhuj		0.00%	100.00%	0.00%	0.00%	796	746	776
6 Bhuj II		0.00%	100.00%	0.00%	0.00%	791	741	771
7 Bilaspur		0.00%	100.00%	0.00%	0.00%	781	750	764
8 Bina		0.00%	100.00%	0.00%	0.00%	800	753	777
9 Champa		0.00%	93.48%	6.52%	6.52%	807	767	787
10 Dharamjaigarh		0.00%	100.00%	0.00%	0.00%	781	755	767
11 Dhule (BDTCL)		0.00%	100.00%	0.00%	0.00%	798	747	776
12 Ektuni		0.00%	100.00%	0.00%	0.00%	792	746	771
13 Gadawara		0.00%	98.47%	1.53%	1.53%	803	763	781
14 Gwalior		0.00%	97.88%	2.12%	2.12%	801	754	781
15 Indore		0.00%	100.00%	0.00%	0.00%	791	740	772
16 Jabalpur		0.00%	94.46%	5.54%	5.54%	806	762	783
17 Khandwa PS		0.00%	100.00%	0.00%	0.00%	795	746	775
18 Koradi		0.00%	100.00%	0.00%	0.00%	783	749	768
19 Lakadia		0.00%	99.74%	0.26%	0.26%	805	747	782
20 New Parli		0.00%	100.00%	0.00%	0.00%	799	757	781
21 Padghe		0.00%	99.94%	0.06%	0.06%	802	745	778
22 Pune		0.00%	99.40%	0.60%	0.60%	802	749	781
23 Raigarh Pooling		0.00%	100.00%	0.00%	0.00%	794	768	780
24 Raipur Pooling		0.00%	100.00%	0.00%	0.00%	793	767	779
25 Rajnandgaon		0.00%	99.85%	0.15%	0.15%	801	764	782
26 Sasan		0.00%	100.00%	0.00%	0.00%	793	759	775
27 Satna		0.00%	95.64%	4.36%	4.36%	801	761	782
28 Seoni		0.00%	100.00%	0.00%	0.00%	796	749	774
29 Sipat		0.00%	100.00%	0.00%	0.00%	781	753	765
30 Solapur		0.00%	99.95%	0.05%	0.05%	801	758	782
31 Tamnar		0.00%	100.00%	0.00%	0.00%	792	768	780
32 Tirora		0.00%	100.00%	0.00%	0.00%	777	748	765
33 Vadodara		0.00%	98.34%	1.66%	1.66%	806	742	781
34 Vindhychal PS		0.00%	100.00%	0.00%	0.00%	796	762	779
35 Wardha		0.00%	100.00%	0.00%	0.00%	797	753	778
36 Warora		0.00%	100.00%	0.00%	0.00%	799	759	779
SR	1 Chillakalripeta	0.00%	100.00%	0.00%	0.00%	797	750	774
	2 Cuddapah	0.00%	100.00%	0.00%	0.00%	800	758	786
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	792	749	774
	4 Maheshwaram	0.00%	99.72%	0.28%	0.28%	802	755	780
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	789	752	774
	6 Nizamabad	0.00%	96.39%	3.61%	3.61%	803	759	783
	7 Raichur	0.00%	100.00%	0.00%	0.00%	794	753	777
	8 Srikakulam	0.00%	99.63%	0.37%	0.37%	802	753	778
	9 Thiruvallam	0.00%	100.00%	0.00%	0.00%	786	747	773
	10 Vemagiri	0.00%	99.19%	0.81%	0.81%	804	753	778
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	789	750	766
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	786	762	774
	3 Gaya	0.00%	100.00%	0.00%	0.00%	783	740	764
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	768	782
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	790	742	767
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	781	730	758
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	795	762	779
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	792	739	757
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	413	406	410
	2 Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	405
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	404
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	409
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	410
	6 Byrnihat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	405	412
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	407
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	404
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	404
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	408
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	407
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	407
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	413	394	404
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	404
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	410
	16 Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	402

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