

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
20-Jan-2025 to 26-Jan-2025

Date: 29-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 20-Jan-2025 to 26-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 IECG band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	1	Agra	0.00%	100.00%	0.00%	0.00%	800	749	778
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	800	749	778
	3	Ajmer	0.00%	99.00%	1.00%	1.00%	806	760	784
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	799	748	777
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	762	773
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	760	772
	7	Anta	0.00%	100.00%	0.00%	0.00%	792	759	781
	9	Bara	0.00%	100.00%	0.00%	0.00%	783	756	770
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	799	749	780
	11	Bhadla	0.01%	99.99%	0.00%	0.01%	793	706	777
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	799	745	781
	13	Bhwani	0.00%	99.18%	0.82%	0.82%	805	756	784
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	800	759	780
	15	Chittorgarh	0.00%	98.84%	1.16%	1.16%	805	757	782
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	792	737	775
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	740	783
	18	Greater Noida	0.00%	99.18%	0.82%	0.82%	805	754	783
	19	Hapur	0.00%	99.78%	0.22%	0.22%	805	747	778
	20	Jhatkara	0.00%	99.95%	0.05%	0.05%	802	751	780
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	747	773
	22	Khetri	0.00%	99.94%	0.06%	0.06%	804	756	782
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	793	736	766
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	790	744	764
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	797	746	774
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	790	738	766
	27	Meerut	0.00%	99.87%	0.13%	0.13%	802	750	780
	28	Moga	0.00%	99.98%	0.02%	0.02%	801	747	776
	29	Orai	0.00%	94.66%	5.34%	5.34%	807	761	786
	30	Phagi	0.00%	99.88%	0.12%	0.12%	801	735	783
	31	Ummao	0.00%	100.00%	0.00%	0.00%	788	746	768
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	789	756	775
	1	Akola	0.00%	100.00%	0.00%	0.00%	792	752	774
2	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	745	776	
3	Barnaskantha	0.00%	98.62%	1.38%	1.38%	808	747	782	
4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	745	769	
5	Bhuj	0.00%	100.00%	0.00%	0.00%	793	737	769	
6	Bhuj II	0.00%	100.00%	0.00%	0.00%	790	742	771	
7	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	752	765	
8	Bina	0.00%	100.00%	0.00%	0.00%	795	756	779	
9	Champa	0.00%	100.00%	0.00%	0.00%	799	766	785	
10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	758	772	
11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	755	773	
12	Ektuni	0.00%	100.00%	0.00%	0.00%	788	747	770	
13	Gadarwara	0.00%	100.00%	0.00%	0.00%	799	770	784	
14	Gwalior	0.00%	99.49%	0.51%	0.51%	802	756	783	
15	Indore	0.00%	100.00%	0.00%	0.00%	793	745	771	
16	Jabalpur	0.00%	97.94%	2.06%	2.06%	803	769	787	
17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	794	751	773	
18	Koradi	0.00%	100.00%	0.00%	0.00%	782	755	769	
19	Lakadla	0.00%	99.19%	0.81%	0.81%	805	749	781	
20	New Parli	0.00%	100.00%	0.00%	0.00%	798	755	782	
21	Padghe	0.00%	100.00%	0.00%	0.00%	798	742	777	
22	Pune	0.00%	99.90%	0.10%	0.10%	801	745	780	
23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	789	755	780	
24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	790	768	780	
25	Rajinandgaon	0.00%	99.98%	0.02%	0.02%	801	767	783	
26	Sasan	0.00%	100.00%	0.00%	0.00%	788	764	777	
27	Satna	0.00%	100.00%	0.00%	0.00%	799	764	783	
28	Seoni	0.00%	100.00%	0.00%	0.00%	792	755	776	
29	Sipat	0.00%	100.00%	0.00%	0.00%	777	755	766	
30	Solapur	0.00%	99.99%	0.01%	0.01%	800	753	781	
31	Tamnar	0.00%	100.00%	0.00%	0.00%	793	770	781	
32	Tirora	0.00%	100.00%	0.00%	0.00%	776	754	765	
33	Vadodara	0.00%	99.19%	0.81%	0.81%	804	740	778	
34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	793	765	780	
35	Wardha	0.00%	100.00%	0.00%	0.00%	800	758	781	
36	Wardha	0.00%	100.00%	0.00%	0.00%	798	761	782	
1	Chalakuripeta	0.00%	96.44%	3.56%	3.56%	808	760	785	
2	Cuddapah	0.00%	98.58%	1.42%	1.42%	810	759	782	
3	Kurnool	0.00%	100.00%	0.00%	0.00%	794	749	772	
4	Maheshwaram	0.00%	100.00%	0.00%	0.00%	797	754	780	
5	Nellore PS	0.00%	100.00%	0.00%	0.00%	788	750	772	
6	Nizamabad	0.00%	98.64%	1.36%	1.36%	803	759	785	
7	Raichur	0.00%	100.00%	0.00%	0.00%	795	751	775	
8	Srikakulam	0.00%	99.75%	0.25%	0.25%	803	763	784	
9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	793	748	770	
10	Vemagiri	0.00%	93.94%	6.06%	6.06%	808	769	789	
1	Angul	0.00%	100.00%	0.00%	0.00%	789	754	770	
2	Daripalli	0.00%	100.00%	0.00%	0.00%	786	765	776	
3	Gaya	0.00%	100.00%	0.00%	0.00%	782	748	768	
4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	772	784	
5	Medinipur	0.00%	100.00%	0.00%	0.00%	789	743	771	
6	New Jeerat	0.00%	100.00%	0.00%	0.00%	785	737	760	
7	Ranchi	0.00%	100.00%	0.00%	0.00%	794	766	782	
8	Sasaram	0.00%	100.00%	0.00%	0.00%	792	741	762	
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	406	
3	Biswanath Charai (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	407	
4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	409	
5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	410	
6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	421	398	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%	414	396	405	
9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	404	
10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	408	
11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	408	
12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	407	
13	PK Bari	0.00%	100.00%	0.00%	0.00%	412	395	401	
14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	406	
15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	410	
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.