

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
11-Nov-2024 to 17-Nov-2024

Date: 21-Nov-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	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 11-Nov-2024 to 17-Nov-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%	794	751	778
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	794	751	778
	3	Ajmer	0.00%	99.16%	0.84%	0.84%	802	748	781
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	796	747	777
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	789	768	778
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	787	766	776
	7	Anta	0.00%	100.00%	0.00%	0.00%	797	730	776
	9	Bara	0.00%	100.00%	0.00%	0.00%	780	752	767
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	796	750	778
	11	Bhadla	0.02%	99.98%	0.00%	0.02%	793	726	778
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	799	738	781
	13	Bhwani	0.00%	99.29%	0.71%	0.71%	807	753	786
	14	Bikaner	0.02%	99.97%	0.01%	0.03%	801	721	782
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	800	752	778
	16	Fatehgarh II	0.01%	99.98%	0.01%	0.02%	802	728	776
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	747	771
	18	Greater Noida	0.00%	99.70%	0.30%	0.30%	802	751	783
	19	Hapur	0.00%	100.00%	0.00%	0.00%	797	744	778
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	797	743	779
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	750	772
	22	Khetri	0.00%	99.87%	0.13%	0.13%	802	732	782
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	795	741	774
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	775	738	761
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	788	749	773
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	790	731	765
	27	Meerut	0.00%	99.95%	0.05%	0.05%	800	746	780
	28	Moga	0.00%	100.00%	0.00%	0.00%	800	732	776
	29	Orai	0.00%	99.17%	0.83%	0.83%	805	763	785
	30	Phagi	0.03%	99.91%	0.06%	0.09%	804	716	779
	31	Ummao	0.00%	100.00%	0.00%	0.00%	784	750	769
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	787	759	774
	1	Akola	0.00%	100.00%	0.00%	0.00%	794	744	769
2	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	748	773	
3	Barnaskantha	0.00%	100.00%	0.00%	0.00%	799	753	780	
4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	745	772	
5	Bhuj	0.00%	100.00%	0.00%	0.00%	794	752	775	
6	Bhuj II	0.00%	100.00%	0.00%	0.00%	789	754	773	
7	Bilaspur	0.00%	100.00%	0.00%	0.00%	783	752	766	
8	Bina	0.00%	100.00%	0.00%	0.00%	796	758	777	
9	Champa	0.00%	97.96%	2.04%	2.04%	806	774	790	
10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	757	769	
11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	750	776	
12	Ektuni	0.00%	100.00%	0.00%	0.00%	794	739	767	
13	Gadarwara	0.00%	99.93%	0.07%	0.07%	801	767	783	
14	Gwalior	0.00%	99.77%	0.23%	0.23%	803	757	781	
15	Indore	0.00%	100.00%	0.00%	0.00%	795	745	773	
16	Jabalpur	0.00%	99.26%	0.74%	0.74%	803	766	785	
17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	796	752	776	
18	Koradi	0.00%	100.00%	0.00%	0.00%	785	745	764	
19	Lakadia	0.00%	100.00%	0.00%	0.00%	797	756	779	
20	New Parli	0.00%	97.12%	2.88%	2.88%	804	757	784	
21	Padghe	0.00%	99.96%	0.04%	0.04%	801	739	772	
22	Pune	0.00%	98.44%	1.56%	1.56%	804	745	777	
23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	771	783	
24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	770	782	
25	Rajinandgaon	0.00%	99.01%	0.99%	0.99%	804	768	784	
26	Sasan	0.00%	100.00%	0.00%	0.00%	787	766	776	
27	Satna	0.00%	100.00%	0.00%	0.00%	798	767	782	
28	Seoni	0.00%	100.00%	0.00%	0.00%	794	753	775	
29	Sipat	0.00%	100.00%	0.00%	0.00%	782	756	768	
30	Solapur	0.00%	97.45%	2.55%	2.55%	805	758	784	
31	Tamnar	0.00%	100.00%	0.00%	0.00%	796	772	783	
32	Tirora	0.00%	100.00%	0.00%	0.00%	778	749	763	
33	Vadodara	0.00%	97.63%	2.37%	2.37%	808	738	775	
34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	768	778	
35	Wardha	0.00%	100.00%	0.00%	0.00%	794	756	773	
36	Warora	0.00%	100.00%	0.00%	0.00%	800	762	781	
SR	1	Chalakuripeta	0.00%	100.00%	0.00%	0.00%	799	770	786
	2	Cuddapah	0.00%	87.11%	12.89%	12.89%	809	768	788
	3	Kurnool	0.00%	98.41%	1.59%	1.59%	805	764	784
	4	Maheshwaram	0.00%	77.54%	22.46%	22.46%	815	772	792
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	765	781
	6	Nizamabad	0.00%	79.59%	20.41%	20.41%	813	774	792
	7	Raichur	0.00%	97.69%	2.31%	2.31%	804	765	785
	8	Srikulam	0.00%	100.00%	0.00%	0.00%	799	766	783
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	786	746	768
	10	Vemagiri	0.00%	98.29%	1.71%	1.71%	802	772	788
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	786	758	770
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	788	767	776
	3	Gaya	0.00%	100.00%	0.00%	0.00%	778	753	765
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	773	784
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	781	749	765
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	775	735	756
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	792	766	779
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	786	753	767
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	405
	3	Biswanath Charaii (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	407
	4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	407
	5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	409
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	412
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	405
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	391	404
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	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%	410	400	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	410	395	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	422	393	408
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	408
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	408	394	402

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