

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
30-Sep-2024 to 06-Oct-2024

Date: 11-Oct-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	21	5.25	3.13
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 30-Sep-2024 to 06-Oct-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%	791	753	773
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	791	753	773
	3	Ajmer	0.00%	98.95%	1.05%	1.05%	804	752	784
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	799	753	777
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	762	770
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	760	768
	7	Anta	0.00%	100.00%	0.00%	0.00%	799	771	783
	9	Bara	0.00%	100.00%	0.00%	0.00%	777	757	768
	10	Bareilly	0.00%	98.67%	1.33%	1.33%	806	750	774
	11	Bhadla	0.06%	99.93%	0.01%	0.07%	806	720	778
	12	Bhadla II	0.03%	99.96%	0.01%	0.04%	800	721	780
	13	Bhwani	0.00%	100.00%	0.00%	0.00%	799	750	782
	14	Bikaner	0.02%	99.98%	0.00%	0.02%	798	723	778
	15	Chittorgarh	0.00%	98.51%	1.49%	1.49%	804	765	785
	16	Fatehgarh II	0.04%	99.90%	0.06%	0.10%	820	719	778
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	753	773
	18	Greater Noida	0.00%	99.51%	0.49%	0.49%	803	754	780
	19	Hapur	0.00%	100.00%	0.00%	0.00%	800	747	775
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	797	735	774
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	752	772
	22	Khetri	0.00%	100.00%	0.00%	0.00%	798	734	778
	23	Koteshwar	0.00%	99.75%	0.25%	0.25%	804	747	774
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	771	748	758
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	796	745	768
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	791	748	771
	27	Meerut	0.00%	98.98%	1.02%	1.02%	802	748	779
	28	Moga	0.00%	99.61%	0.39%	0.39%	801	728	780
	29	Orai	0.00%	99.96%	0.04%	0.04%	800	768	785
	30	Phagi	0.00%	99.95%	0.05%	0.05%	801	759	782
	31	Ummao	0.00%	100.00%	0.00%	0.00%	778	741	759
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	789	761	775
1	Akola	0.00%	100.00%	0.00%	0.00%	788	750	770	
2	Aurangabad	0.00%	100.00%	0.00%	0.00%	790	756	775	
3	Barasankha	0.00%	100.00%	0.00%	0.00%	798	765	786	
4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	755	769	
5	Bhui	0.00%	100.00%	0.00%	0.00%	788	751	777	
6	Bhui II	0.00%	100.00%	0.00%	0.00%	782	751	772	
7	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	762	771	
8	Bina	0.00%	100.00%	0.00%	0.00%	793	762	778	
9	Champa	0.00%	99.99%	0.01%	0.01%	800	765	788	
10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	766	775	
11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	757	771	
12	Ektuni	0.00%	100.00%	0.00%	0.00%	790	745	770	
13	Gadarwara	0.00%	100.00%	0.00%	0.00%	799	776	787	
14	Gwalior	0.00%	100.00%	0.00%	0.00%	794	765	782	
15	Indore	0.00%	100.00%	0.00%	0.00%	783	748	767	
16	Jabalpur	0.00%	99.80%	0.20%	0.20%	802	774	787	
17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	785	755	769	
18	Koradi	0.00%	100.00%	0.00%	0.00%	775	749	762	
19	Lakadia	0.00%	100.00%	0.00%	0.00%	794	762	783	
20	New Parli	0.00%	100.00%	0.00%	0.00%	797	764	782	
21	Padghe	0.00%	100.00%	0.00%	0.00%	795	746	773	
22	Pune	0.00%	100.00%	0.00%	0.00%	798	751	776	
23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	792	760	784	
24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	790	760	782	
25	Rajinandgaon	0.00%	100.00%	0.00%	0.00%	797	772	785	
26	Sasan	0.00%	100.00%	0.00%	0.00%	789	771	779	
27	Satna	0.00%	100.00%	0.00%	0.00%	798	773	786	
28	Seoni	0.00%	100.00%	0.00%	0.00%	796	765	781	
29	Sipat	0.00%	100.00%	0.00%	0.00%	781	765	772	
30	Solapur	0.00%	100.00%	0.00%	0.00%	796	764	782	
31	Tamnar	0.00%	100.00%	0.00%	0.00%	789	772	780	
32	Tirora	0.00%	100.00%	0.00%	0.00%	772	750	761	
33	Vadodara	0.00%	100.00%	0.00%	0.00%	785	756	771	
34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	773	782	
35	Wardha	0.00%	100.00%	0.00%	0.00%	796	762	783	
36	Warora	0.00%	100.00%	0.00%	0.00%	797	766	785	
1	Chalakuripeta	0.00%	100.00%	0.00%	0.00%	798	752	783	
2	Cuddapah	0.00%	100.00%	0.00%	0.00%	799	760	783	
3	Kurnool	0.00%	99.71%	0.29%	0.29%	800	764	785	
4	Maheshwaram	0.00%	91.60%	8.40%	8.40%	805	766	789	
5	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	763	778	
6	Nizamabad	0.00%	93.24%	6.76%	6.76%	804	768	789	
7	Raichur	0.00%	100.00%	0.00%	0.00%	798	763	783	
8	Srikakulam	0.00%	100.00%	0.00%	0.00%	795	757	783	
9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	786	752	771	
10	Vemagiri	0.00%	99.00%	1.00%	1.00%	801	756	788	
1	Angul	0.00%	100.00%	0.00%	0.00%	778	756	770	
2	Darlipalli	0.00%	100.00%	0.00%	0.00%	780	770	775	
3	Gaya	0.00%	100.00%	0.00%	0.00%	785	756	772	
4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	776	783	
5	Medinipur	0.00%	100.00%	0.00%	0.00%	789	752	769	
6	New Jeerat	0.00%	100.00%	0.00%	0.00%	790	742	764	
7	Ranchi	0.00%	100.00%	0.00%	0.00%	791	766	780	
8	Sasaram	0.00%	100.00%	0.00%	0.00%	793	742	779	
1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	406	
2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	407	396	403	
3	Biswanath Charai (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	405	
4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408	
5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	409	
6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	404	413	
7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	406	
8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	408	398	404	
9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	395	404	
10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	407	
11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	407	
12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	406	
13	PK Bari	0.00%	100.00%	0.00%	0.00%	408	395	402	
14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	406	
15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	407	
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.