

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
26-Aug-2024 to 01-Sep-2024

Date: 6-Sep-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 26-Aug-2024 to 01-Sep-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%	798	753	774
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	798	753	774
	3	Ajmer	0.00%	99.40%	0.60%	0.00%	803	765	786
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	792	743	769
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	758	769
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	755	767
	7	Anta	0.00%	100.00%	0.00%	0.00%	792	766	780
	9	Bara	0.00%	100.00%	0.00%	0.00%	777	753	767
	10	Bareilly	0.00%	99.69%	0.31%	0.00%	804	742	777
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	795	760	781
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	797	761	783
	13	Bhwani	0.00%	100.00%	0.00%	0.00%	798	758	781
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	797	756	782
	15	Chittorgarh	0.00%	99.38%	0.63%	0.00%	807	772	787
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	792	757	779
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	747	772
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	751	774
	19	Hapur	0.00%	100.00%	0.00%	0.00%	794	747	769
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	792	747	772
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	742	773
	22	Khetri	0.00%	100.00%	0.00%	0.00%	797	745	777
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	794	746	771
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	777	747	761
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	794	740	773
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	783	741	762
	27	Meerut	0.00%	100.00%	0.00%	0.00%	799	750	776
	28	Moga	0.00%	100.00%	0.00%	0.00%	800	746	780
	29	Orai	0.00%	99.21%	0.79%	0.00%	802	750	782
	30	Phagi	0.00%	100.00%	0.00%	0.00%	799	763	783
	31	Umaria	0.00%	100.00%	0.00%	0.00%	789	740	766
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	789	752	775
1	Akola	0.00%	100.00%	0.00%	0.00%	797	755	778	
2	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	750	776	
3	Barasankha	0.00%	100.00%	0.00%	0.00%	799	769	784	
4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	752	772	
5	Bhui	0.00%	100.00%	0.00%	0.00%	791	760	779	
6	Bhui II	0.00%	100.00%	0.00%	0.00%	783	754	773	
7	Bilaspur	0.00%	100.00%	0.00%	0.00%	785	759	773	
8	Bina	0.00%	100.00%	0.00%	0.00%	794	749	777	
9	Champa	0.00%	99.98%	0.02%	0.00%	800	771	787	
10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	758	770	
11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	757	777	
12	Ektuni	0.00%	100.00%	0.00%	0.00%	796	751	778	
13	Gadarwara	0.00%	100.00%	0.00%	0.00%	797	765	786	
14	Gwalior	0.00%	100.00%	0.00%	0.00%	800	752	781	
15	Indore	0.00%	100.00%	0.00%	0.00%	789	752	772	
16	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	758	783	
17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	790	756	774	
18	Koradi	0.00%	100.00%	0.00%	0.00%	786	750	768	
19	Lakadia	0.00%	100.00%	0.00%	0.00%	795	763	781	
20	New Parli	0.00%	98.64%	1.36%	1.36%	803	762	788	
21	Padghe	0.00%	98.77%	0.23%	0.23%	801	751	779	
22	Pune	0.00%	99.63%	0.37%	0.37%	803	753	780	
23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	791	770	780	
24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	789	768	779	
25	Rajinandgaon	0.00%	99.78%	0.22%	0.22%	804	696	788	
26	Sasan	0.00%	100.00%	0.00%	0.00%	789	762	779	
27	Satna	0.00%	99.04%	0.96%	0.96%	800	763	786	
28	Seoni	0.00%	100.00%	0.00%	0.00%	798	762	782	
29	Sipat	0.00%	100.00%	0.00%	0.00%	785	762	774	
30	Solapur	0.00%	99.98%	0.02%	0.02%	800	749	785	
31	Tamnar	0.00%	100.00%	0.00%	0.00%	789	769	779	
32	Tirora	0.00%	100.00%	0.00%	0.00%	776	747	763	
33	Vadodara	0.00%	99.98%	0.02%	0.00%	800	757	779	
34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	794	765	782	
35	Wardha	0.00%	99.92%	0.08%	0.08%	803	754	785	
36	Wardha	0.00%	99.96%	0.04%	0.04%	801	759	789	
1	Chalakuripeta	0.00%	98.11%	1.89%	1.89%	802	769	786	
2	Cuddapah	0.00%	98.73%	1.27%	1.27%	800	755	785	
3	Kurnool	0.00%	100.00%	0.00%	0.00%	797	751	782	
4	Maheshwaram	0.00%	97.45%	2.55%	2.55%	802	757	788	
5	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	754	776	
6	Nizamabad	0.00%	85.07%	14.93%	14.93%	806	751	791	
7	Raichur	0.00%	100.00%	0.00%	0.00%	795	752	780	
8	Srikulam	0.00%	77.37%	22.63%	22.63%	810	764	793	
9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	789	750	772	
10	Vemagiri	0.00%	81.62%	18.38%	18.38%	808	770	794	
1	Angul	0.00%	100.00%	0.00%	0.00%	794	753	777	
2	Daripalli	0.00%	100.00%	0.00%	0.00%	787	763	775	
3	Gaya	0.00%	100.00%	0.00%	0.00%	785	747	768	
4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	766	784	
5	Medinipur	0.00%	100.00%	0.00%	0.00%	798	747	769	
6	New Jeerat	0.00%	100.00%	0.00%	0.00%	794	739	761	
7	Ranchi	0.00%	100.00%	0.00%	0.00%	795	760	777	
8	Sasaram	0.00%	100.00%	0.00%	0.00%	779	747	766	
1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406	
2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	395	402	
3	Biswanath Charai (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	406	
4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	406	
5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	408	
6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	410	
7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	404	
8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	403	
9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	404	
10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	406	
11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	405	
12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	407	
13	PK Bari	0.00%	100.00%	0.00%	0.00%	410	396	403	
14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	405	
15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	407	
16	Surajmani Nagar (Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	408	396	402	

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