

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
22-Jul-2024 to 28-Jul-2024

Date: 2-Aug-2024

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	8	2.00	1.19
2	ER-NR	0	0.00	0.00
3	Import of NR	66	16.50	9.82
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	1	0.25	0.15
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 22-Jul-2024 to 28-Jul-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%	793	749	770
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	793	749	770
	3	Ajmer	0.00%	98.93%	1.07%	1.07%	801	758	784
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	795	747	772
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	759	769
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	775	754	766
	7	Anta	0.00%	100.00%	0.00%	0.00%	790	764	779
	9	Bara	0.00%	100.00%	0.00%	0.00%	779	755	767
	10	Bareilly	0.00%	99.64%	0.36%	0.36%	802	743	772
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	791	747	777
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	795	750	781
	13	Bhwani	0.00%	100.00%	0.00%	0.00%	799	753	779
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	799	741	780
	15	Chittorgarh	0.00%	98.31%	1.69%	1.69%	803	767	788
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	800	747	776
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	745	770
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	799	751	775
	19	Hapur	0.00%	100.00%	0.00%	0.00%	796	743	769
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	794	741	771
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	741	769
	22	Khetri	0.00%	100.00%	0.00%	0.00%	800	736	776
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	795	754	778
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	771	745	756
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	795	738	772
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	786	740	766
	27	Meerut	0.00%	99.91%	0.09%	0.09%	802	747	778
	28	Moga	0.00%	100.00%	0.00%	0.00%	797	739	778
	29	Orai	0.00%	99.84%	0.16%	0.16%	802	753	782
	30	Phagi	0.00%	100.00%	0.00%	0.00%	798	758	781
	31	Ummao	0.00%	100.00%	0.00%	0.00%	782	731	761
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	790	748	772
1	Akola	0.00%	100.00%	0.00%	0.00%	791	763	779	
2	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	760	779	
3	Barasankha	0.00%	99.99%	0.01%	0.01%	800	771	788	
4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	759	777	
5	Bhui	0.00%	100.00%	0.00%	0.00%	796	764	782	
6	Bhui II	0.00%	100.00%	0.00%	0.00%	791	756	774	
7	Bilaspur	0.00%	100.00%	0.00%	0.00%	787	766	776	
8	Bina	0.00%	100.00%	0.00%	0.00%	794	752	777	
9	Champa	0.00%	100.00%	0.00%	0.00%	796	762	781	
10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	762	777	
11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	767	780	
12	Ektuni	0.00%	99.96%	0.04%	0.04%	801	759	780	
13	Gadarwara	0.00%	99.95%	0.05%	0.05%	801	771	789	
14	Gwalior	0.00%	100.00%	0.00%	0.00%	798	752	779	
15	Indore	0.00%	99.90%	0.10%	0.10%	801	760	777	
16	Jabalpur	0.00%	99.94%	0.06%	0.06%	801	765	787	
17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	792	764	777	
18	Koradi	0.00%	100.00%	0.00%	0.00%	793	758	771	
19	Lakadia	0.00%	99.90%	0.10%	0.10%	804	798	788	
20	New Parli	0.00%	91.49%	8.51%	8.51%	806	771	791	
21	Padghe	0.00%	99.96%	0.04%	0.04%	800	757	780	
22	Pune	0.00%	100.00%	0.00%	0.00%	800	754	780	
23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	789	769	781	
24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	800	768	781	
25	Rajinandgaon	0.00%	99.45%	0.55%	0.55%	802	781	790	
26	Sasan	0.00%	100.00%	0.00%	0.00%	796	760	778	
27	Satna	0.00%	100.00%	0.00%	0.00%	798	763	785	
28	Seoni	0.00%	100.00%	0.00%	0.00%	795	770	784	
29	Sipat	0.00%	100.00%	0.00%	0.00%	798	769	779	
30	Solapur	0.00%	99.98%	1.02%	1.02%	803	764	787	
31	Tamnar	0.00%	100.00%	0.00%	0.00%	790	769	779	
32	Tirora	0.00%	100.00%	0.00%	0.00%	793	754	767	
33	Vadodara	0.00%	94.62%	5.38%	5.38%	809	764	783	
34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	763	781	
35	Wardha	0.00%	99.31%	0.69%	0.69%	801	767	787	
36	Warora	0.00%	98.84%	1.16%	1.16%	802	773	790	
1	Chalakuripeta	0.00%	100.00%	0.00%	0.00%	798	769	778	
2	Cuddapah	0.00%	97.87%	2.13%	2.13%	803	757	784	
3	Kurnool	0.00%	99.23%	0.77%	0.77%	801	754	783	
4	Maheshwaram	0.00%	98.72%	1.28%	1.28%	802	766	786	
5	Nellore PS	0.00%	97.84%	2.16%	2.16%	804	756	779	
6	Nizamabad	0.00%	83.06%	16.94%	16.94%	805	766	791	
7	Raichur	0.00%	99.79%	0.21%	0.21%	801	753	782	
8	Srikakulam	0.00%	99.99%	0.01%	0.01%	800	770	785	
9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	795	748	775	
10	Vemagiri	0.00%	100.00%	0.00%	0.00%	795	765	781	
1	Angul	0.00%	100.00%	0.00%	0.00%	789	764	777	
2	Daripalli	0.00%	100.00%	0.00%	0.00%	787	773	779	
3	Gaya	0.00%	100.00%	0.00%	0.00%	797	748	772	
4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	777	785	
5	Medinipur	0.00%	100.00%	0.00%	0.00%	790	748	766	
6	New Jeerat	0.00%	100.00%	0.00%	0.00%	790	740	765	
7	Ranchi	0.00%	100.00%	0.00%	0.00%	796	760	774	
8	Sasaram	0.00%	100.00%	0.00%	0.00%	779	746	773	
1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	405	
2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	403	
3	Biswanath Charai (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	407	
4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	405	
5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	408	
6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	408	
7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	403	
8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	403	
9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	404	
10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	406	
11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	406	
12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	406	
13	PK Bari	0.00%	100.00%	0.00%	0.00%	414	391	404	
14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	407	
15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	405	
16	Surajmani Nagar (Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	412	391	402	

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