

**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-Apr-2024 to 28-Apr-2024**

Date: 3-May-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 22-Apr-2024 to 28-Apr-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 IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	1	Agra	0.00%	100.00%	0.00%	0.00%	790	752	768
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	790	752	768
	3	Ajmer	0.00%	99.44%	0.56%	0.00%	805	748	784
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	794	760	775
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	760	765
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	775	758	764
	7	Anta	0.00%	100.00%	0.00%	0.00%	795	764	779
	9	Bara	0.00%	100.00%	0.00%	0.00%	779	759	767
	10	Barilly	0.00%	100.00%	0.00%	0.00%	792	749	770
	11	Bhadsa	0.00%	100.00%	0.00%	0.00%	790	749	780
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	795	732	780
	13	Bhwan	0.00%	100.00%	0.00%	0.00%	799	760	782
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	797	732	781
	15	Chittorgarh	0.00%	99.54%	0.46%	0.00%	807	762	783
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	790	732	778
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	748	773
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	796	762	776
	19	Hapur	0.00%	100.00%	0.00%	0.00%	789	749	768
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	793	750	775
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	788	756	771
	22	Khetri	0.00%	100.00%	0.00%	0.00%	798	742	778
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	791	754	773
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	769	747	757
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	786	745	764
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	783	748	765
	27	Meerut	0.00%	100.00%	0.00%	0.00%	796	757	777
	28	Moga	0.00%	100.00%	0.00%	0.00%	798	752	782
	29	Orai	0.00%	99.86%	0.14%	0.00%	802	775	787
	30	Phagi	0.00%	99.71%	0.29%	0.00%	804	762	782
	31	Unnao	0.00%	100.00%	0.00%	0.00%	776	741	756
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	786	763	774
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	789	750
2		Aurangabad	0.00%	99.34%	0.66%	0.00%	802	758	783
3		Banaskantha	0.00%	100.00%	0.00%	0.00%	799	765	786
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	751	766
5		Bhuj	0.00%	100.00%	0.00%	0.00%	795	755	779
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	786	755	774
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	779	762	772
8		Bina	0.00%	100.00%	0.00%	0.00%	796	773	783
9		Champa	0.00%	98.84%	1.16%	0.00%	805	778	793
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	762	772
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	752	778
12		Ektuni	0.00%	100.00%	0.00%	0.00%	792	745	770
13		Gadawara	0.00%	100.00%	0.00%	0.00%	799	771	786
14		Gwalior	0.00%	100.00%	0.00%	0.00%	798	746	784
15		Indore	0.00%	100.00%	0.00%	0.00%	789	746	770
16		Jabalpur	0.00%	99.92%	0.08%	0.00%	802	778	789
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	792	750	772
18		Koradi	0.00%	100.00%	0.00%	0.00%	777	749	762
19		Lakadia	0.00%	99.49%	0.51%	0.00%	801	765	789
20		New Parli	0.00%	98.74%	1.26%	0.00%	805	761	786
21		Padghe	0.00%	100.00%	0.00%	0.00%	798	744	775
22		Pune	0.00%	99.78%	0.22%	0.00%	805	745	777
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	775	786
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	774	785
25		Rajnandgaon	0.00%	99.97%	0.03%	0.00%	801	775	790
26		Sasan	0.00%	100.00%	0.00%	0.00%	785	772	778
27		Satna	0.00%	100.00%	0.00%	0.00%	797	778	786
28		Seoni	0.00%	100.00%	0.00%	0.00%	792	763	779
29		Sipat	0.00%	100.00%	0.00%	0.00%	780	764	773
30		Solapur	0.00%	97.61%	2.39%	0.00%	808	764	787
31		Tamner	0.00%	100.00%	0.00%	0.00%	794	776	786
32		Tirora	0.00%	100.00%	0.00%	0.00%	774	753	761
33		Vadodara	0.00%	97.60%	2.40%	0.00%	803	756	786
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	774	781
35		Wardha	0.00%	99.99%	0.01%	0.00%	801	766	786
36		Warora	0.00%	100.00%	0.00%	0.00%	799	761	784
SR	1	Chilakaluripeta	0.00%	99.91%	1.09%	0.00%	808	765	786
	2	Cuddapah	0.00%	96.80%	3.20%	0.00%	807	764	787
	3	Kurnool	0.00%	99.93%	0.07%	0.00%	803	758	781
	4	Maheshwaram	0.00%	98.66%	1.34%	0.00%	806	766	787
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	756	774
	6	Nizamabad	0.00%	98.50%	1.50%	0.00%	803	771	790
	7	Raichur	0.00%	99.95%	0.05%	0.00%	800	760	781
	8	Srikakulam	0.00%	99.98%	0.02%	0.00%	800	756	783
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	794	751	773
	10	Vemagiri	0.00%	97.40%	2.60%	0.00%	806	764	786
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	793	753	775
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	790	767	780
	3	Gaya	0.00%	100.00%	0.00%	0.00%	777	752	764
	4	Jharsuguda	0.00%	99.94%	0.06%	0.00%	801	776	789
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	799	748	775
	6	New Jeerat	0.00%	99.99%	0.01%	0.00%	800	739	772
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	795	764	781
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	775	748	763
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	397	405
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	403
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	391	406
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	407
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	408
	6	Byrihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	421	398	410
	7	Imphal (400 kV)	0.01%	99.99%	0.00%	0.01%	420	359	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	403
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	402
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	420	396	406
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	416	391	405
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	405
	13	PK Beni	0.00%	100.00%	0.00%	0.00%	413	394	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	424	400	411
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	407
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	391	400

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