

**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**  
**17-Apr-2023 to 23-Apr-2023**

Date: 28-Apr-2023

**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 17-Apr-2023 to 23-Apr-2023**

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%	789	749	768
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	789	749	768
	3 Ajmer	0.00%	99.80%	0.20%	0.00%	805	758	781
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	793	752	773
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	775	756	766
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	774	753	764
	7 Anta	0.00%	100.00%	0.00%	0.00%	799	776	786
	8 Ballia	0.00%	100.00%	0.00%	0.00%	781	741	764
	9 Bara	0.00%	100.00%	0.00%	0.00%	784	760	771
	10 Bareilly	0.00%	100.00%	0.00%	0.00%	797	745	774
	11 Bhadla	0.00%	100.00%	0.00%	0.00%	796	748	774
	12 Bhadla II	0.00%	100.00%	0.00%	0.00%	796	748	773
	13 Bhiwani	0.00%	100.00%	0.00%	0.00%	797	756	778
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	797	759	774
	15 Chittorgarh	0.00%	100.00%	0.00%	0.00%	799	752	780
	16 Fatehgarh II	0.00%	100.00%	0.00%	0.00%	795	736	771
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	795	750	776
	18 Greater Noida	0.00%	100.00%	0.00%	0.00%	799	750	776
	19 Hapur	0.00%	100.00%	0.00%	0.00%	791	735	764
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	790	754	774
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	745	772
	22 Kherai	0.00%	100.00%	0.00%	0.00%	796	758	776
	23 Koteswar	0.00%	99.14%	0.86%	0.00%	805	755	777
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	770	746	757
	26 Mainpuri	0.00%	99.82%	0.18%	0.00%	803	757	779
	27 Meerut	0.00%	100.00%	0.00%	0.00%	800	754	777
	28 Moga	0.00%	100.00%	0.00%	0.00%	794	747	770
	29 Orai	0.00%	99.96%	0.04%	0.00%	801	768	786
	30 Phagi	0.00%	99.91%	0.09%	0.00%	802	762	781
	31 Unnao	0.00%	100.00%	0.00%	0.00%	789	739	765
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	790	760	777
	WR	1 Akola	0.00%	100.00%	0.00%	0.00%	793	758
2 Aurangabad		0.00%	99.70%	0.30%	0.00%	803	754	781
3 Banaskantha		0.00%	100.00%	0.00%	0.00%	798	751	778
4 Bhopal (BDTCL)		0.00%	100.00%	0.00%	0.00%	787	760	773
5 Bhuj		0.00%	100.00%	0.00%	0.00%	800	748	773
6 Bhuj II		0.00%	100.00%	0.00%	0.00%	793	746	767
7 Bilaspur		0.00%	100.00%	0.00%	0.00%	786	763	774
8 Bina		0.00%	100.00%	0.00%	0.00%	798	764	783
9 Champa		0.00%	95.40%	4.60%	0.00%	808	782	793
10 Dharamjaigarh		0.00%	100.00%	0.00%	0.00%	790	771	780
11 Dhule (BDTCL)		0.00%	100.00%	0.00%	0.00%	798	756	778
12 Ektuni		0.00%	100.00%	0.00%	0.00%	789	747	766
13 Gadawara		0.00%	99.79%	0.21%	0.00%	801	778	790
14 Gwalior		0.00%	99.95%	0.05%	0.00%	800	767	784
15 Indore		0.00%	100.00%	0.00%	0.00%	791	759	775
16 Jabalpur		0.00%	92.89%	7.11%	0.00%	807	779	794
17 Khandwa PS		0.00%	100.00%	0.00%	0.00%	793	761	777
18 Koradi		0.00%	100.00%	0.00%	0.00%	784	760	771
19 Lakadia		0.00%	97.56%	2.44%	0.00%	804	760	783
20 New Parli		0.00%	99.21%	0.79%	0.00%	809	754	781
21 Padghe		0.00%	99.30%	0.70%	0.00%	809	748	779
22 Pune		0.00%	98.94%	1.06%	0.00%	811	742	777
23 Raigarh Pooling		0.00%	100.00%	0.00%	0.00%	799	782	790
24 Raipur Pooling		0.00%	100.00%	0.00%	0.00%	797	780	788
25 Rajnandgaon		0.00%	97.99%	2.01%	0.00%	806	777	792
26 Sasan		0.00%	100.00%	0.00%	0.00%	792	770	781
27 Satna		0.00%	100.00%	0.00%	0.00%	799	772	787
28 Seoni		0.00%	100.00%	0.00%	0.00%	794	764	779
29 Sipat		0.00%	100.00%	0.00%	0.00%	786	766	775
30 Solapur		0.00%	96.71%	3.29%	0.00%	813	757	784
31 Tamnar		0.00%	100.00%	0.00%	0.00%	797	781	789
32 Tirora		0.01%	99.99%	0.00%	0.01%	778	759	766
33 Vadodara		0.00%	99.88%	0.12%	0.00%	801	760	783
34 Vindhyachal PS		0.00%	100.00%	0.00%	0.00%	794	775	784
35 Wardha		0.00%	99.81%	0.19%	0.00%	804	762	785
36 Warora		0.00%	100.00%	0.00%	0.00%	799	767	783
SR	1 Chilikaluripeta	0.00%	100.00%	0.00%	0.00%	799	750	778
	2 Cuddapah	0.00%	94.58%	5.42%	0.00%	810	752	784
	3 Kurmool	0.00%	100.00%	0.00%	0.00%	797	744	773
	4 Maheshwaram	0.00%	95.93%	4.07%	0.00%	808	746	782
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	792	746	771
	6 Nizamabad	0.00%	76.18%	23.82%	0.00%	812	760	791
	7 Raichur	0.00%	100.00%	0.00%	0.00%	800	751	778
	8 Srikulam	0.00%	99.94%	0.06%	0.00%	801	751	779
	9 Thiruvallam	0.00%	97.06%	2.94%	0.00%	804	739	779
	10 Vemagiri	0.00%	99.25%	0.75%	0.00%	802	760	781
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	788	752	773
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	789	772	780
	3 Gaya	0.00%	100.00%	0.00%	0.00%	797	754	773
	4 Jharsuguda	0.00%	99.86%	0.14%	0.00%	801	749	787
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	799	756	775
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	796	742	770
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	798	753	782
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	787	748	718
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	404
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	391	403
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	391	402
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	408
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	410
	6 Bymihal/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	410
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	405
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	404
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	404
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	406
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	405
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	406
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	421	401	410
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	384	407
	16 Surajmani Nagar(Sterite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	396	402

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