

**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**  
**03-Apr-2023 to 09-Apr-2023**

Date: 13-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	8	2.00	1.19
4	NEW-SR	1	0.25	0.15
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	1	0.25	0.15
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 03-Apr-2023 to 09-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%	792	751	771
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	792	751	771
	3 Ajmer	0.00%	99.93%	0.07%	0.07%	800	752	782
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	792	750	774
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	777	753	764
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	778	752	764
	7 Anta	0.00%	98.95%	1.05%	1.05%	804	767	789
	8 Ballia	0.00%	100.00%	0.00%	0.00%	783	734	762
	9 Bara	0.00%	100.00%	0.00%	0.00%	788	758	771
	10 Bareilly	0.00%	100.00%	0.00%	0.00%	800	746	778
	11 Bhadla	0.00%	100.00%	0.00%	0.00%	796	744	774
	12 Bhadla II	0.00%	100.00%	0.00%	0.00%	799	744	774
	13 Bhiwani	0.00%	99.95%	0.05%	0.05%	800	760	782
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	799	751	776
	15 Chittorgarh	0.00%	99.93%	0.07%	0.07%	801	748	779
	16 Fatehgarh II	0.00%	100.00%	0.00%	0.00%	798	737	770
	17 Fatehgarh	0.00%	100.00%	0.00%	0.00%	797	734	762
	18 Greater Noida	0.00%	100.00%	0.00%	0.00%	797	756	780
	19 Hapur	0.00%	100.00%	0.00%	0.00%	788	747	773
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	794	757	778
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	740	769
	22 Kheri	0.00%	100.00%	0.00%	0.00%	798	753	779
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	799	762	782
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	771	746	757
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	793	745	771
	27 Meerut	0.00%	99.28%	0.72%	0.72%	802	761	783
	28 Moga	0.00%	99.58%	0.42%	0.42%	802	752	773
	29 Orai	0.00%	100.00%	0.00%	0.00%	797	761	781
	30 Phagi	0.00%	99.94%	0.06%	0.06%	805	757	784
	31 Unnao	0.00%	100.00%	0.00%	0.00%	787	734	761
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	791	751	773
	WR	1 Akola	0.00%	99.99%	0.01%	0.01%	801	757
2 Aurangabad		0.00%	99.80%	0.20%	0.20%	804	759	777
3 Banaskantha		0.00%	100.00%	0.00%	0.00%	798	750	774
4 Bhopal (BDTCL)		0.00%	100.00%	0.00%	0.00%	782	753	766
5 Bhuj		0.00%	100.00%	0.00%	0.00%	795	745	771
6 Bhuj II		0.00%	100.00%	0.00%	0.00%	789	748	768
7 Bilaspur		0.00%	100.00%	0.00%	0.00%	780	762	771
8 Bina		0.00%	100.00%	0.00%	0.00%	793	761	776
9 Champa		0.00%	97.59%	2.41%	2.41%	805	774	793
10 Dharamjaigarh		0.00%	100.00%	0.00%	0.00%	782	770	774
11 Dhule (BDTCL)		0.00%	100.00%	0.00%	0.00%	794	755	773
12 Ektuni		0.00%	100.00%	0.00%	0.00%	792	745	768
13 Gadawara		0.00%	100.00%	0.00%	0.00%	793	773	783
14 Gwalior		0.00%	99.92%	0.08%	0.08%	802	757	780
15 Indore		0.00%	100.00%	0.00%	0.00%	786	753	769
16 Jabalpur		0.00%	100.00%	0.00%	0.00%	799	773	785
17 Khandwa PS		0.00%	100.00%	0.00%	0.00%	789	757	771
18 Koradi		0.00%	100.00%	0.00%	0.00%	782	757	768
19 Lakadia		0.00%	99.97%	0.03%	0.03%	801	756	775
20 New Parli		0.00%	99.81%	0.09%	0.09%	804	761	780
21 Padqhe		0.00%	99.77%	0.23%	0.23%	808	753	775
22 Pune		0.00%	99.13%	0.87%	0.87%	807	737	778
23 Raigadh Pooling		0.00%	100.00%	0.00%	0.00%	798	781	788
24 Raipur Pooling		0.00%	100.00%	0.00%	0.00%	797	780	787
25 Rajnandgaon		0.00%	99.96%	0.04%	0.04%	801	774	789
26 Sasan		0.00%	100.00%	0.00%	0.00%	787	766	777
27 Satna		0.00%	100.00%	0.00%	0.00%	796	767	782
28 Seoni		0.00%	100.00%	0.00%	0.00%	788	762	775
29 Sipat		0.00%	100.00%	0.00%	0.00%	780	766	773
30 Solapur		0.00%	99.28%	0.72%	0.72%	812	763	783
31 Tamnar		0.00%	100.00%	0.00%	0.00%	798	780	787
32 Tirora		0.00%	100.00%	0.00%	0.00%	773	757	764
33 Vadodara		0.00%	100.00%	0.00%	0.00%	797	749	769
34 Vindhyachal PS		0.00%	100.00%	0.00%	0.00%	791	771	781
35 Wardha		0.00%	99.96%	0.04%	0.04%	803	767	781
36 Warora		0.00%	100.00%	0.00%	0.00%	795	766	779
SR	1 Chilkaluripeta	0.00%	92.70%	7.30%	7.30%	820	759	781
	2 Cuddapah	0.00%	91.29%	8.71%	8.71%	819	760	785
	3 Kurmool	0.00%	100.00%	0.00%	0.00%	798	750	772
	4 Maheshwaram	0.00%	97.59%	2.41%	2.41%	804	747	773
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	793	752	771
	6 Nizamabad	0.00%	89.35%	10.65%	10.65%	810	761	782
	7 Raichur	0.00%	99.96%	0.04%	0.04%	801	756	776
	8 Srikulam	0.00%	96.71%	3.29%	3.29%	810	765	784
	9 Thiruvallam	0.00%	100.00%	0.00%	0.00%	797	746	771
	10 Vemagiri	0.00%	98.88%	1.12%	1.12%	805	763	782
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	795	768	781
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	790	761	780
	3 Gaya	0.00%	100.00%	0.00%	0.00%	799	755	774
	4 Jharsuguda	0.00%	99.99%	0.01%	0.01%	800	759	788
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	786	748	769
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	786	743	767
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	792	745	778
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	782	736	708
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	391	401
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	403
	3 Biswanath Chariali (400 kV)	0.01%	99.99%	0.00%	0.01%	414	370	403
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	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%	414	393	403
	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%	415	394	404
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	405
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	405
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	405
	14 Ranganadi (400 kV)	0.00%	99.31%	0.00%	0.00%	422	400	409
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	407
	16 Surajmani Nagar(Sterite) (400 kV)	0.00%	100.00%	0.00%	0.00%	408	397	402

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