

**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-May-2023 to 28-May-2023**

Date: 2-Jun-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 22-May-2023 to 28-May-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%	799	739	769
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	799	739	769
	3 Ajmer	0.00%	99.65%	0.35%	0.35%	804	755	780
	4 Aligarh	0.00%	99.78%	0.22%	0.22%	805	746	773
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	779	754	765
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	776	754	764
	7 Anta	0.00%	96.69%	3.31%	3.31%	808	751	786
	8 Ballia	0.00%	100.00%	0.00%	0.00%	792	742	769
	9 Bara	0.00%	100.00%	0.00%	0.00%	795	762	773
	10 Bareilly	0.00%	95.87%	4.13%	4.13%	807	744	777
	11 Bhadla	0.07%	99.92%	0.01%	0.08%	804	710	767
	12 Bhadla II	0.21%	99.79%	0.00%	0.21%	799	711	770
	13 Bhiwani	0.00%	99.26%	0.74%	0.74%	809	754	779
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	800	735	770
	15 Chittorgarh	0.00%	99.49%	0.51%	0.51%	804	761	784
	16 Fatehgarh II	0.27%	99.72%	0.01%	0.28%	808	691	767
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	795	739	771
	18 Greater Noida	0.00%	97.99%	2.01%	2.01%	814	752	777
	19 Hapur	0.00%	97.80%	2.20%	2.20%	814	738	772
	20 Jhatikara	0.00%	99.62%	0.38%	0.38%	809	745	773
	21 Kanpur GIS	0.00%	100.00%	0.71%	0.71%	803	674	772
	22 Kherai	0.00%	99.65%	0.35%	0.35%	808	742	773
	23 Koteswar	0.00%	98.76%	1.24%	1.24%	809	748	773
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	774	743	758
	26 Mainpuri	0.00%	96.65%	3.35%	3.35%	814	757	779
	27 Meerut	0.00%	98.32%	1.68%	1.68%	813	752	777
	28 Moga	0.00%	100.00%	0.00%	0.00%	793	742	766
	29 Orai	0.00%	98.55%	1.45%	1.45%	802	761	785
	30 Phagi	0.00%	99.66%	0.34%	0.34%	802	756	781
	31 Unnao	0.00%	100.00%	0.00%	0.00%	790	738	763
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	792	697	774
	WR	1 Akola	0.00%	100.00%	0.00%	0.00%	795	756
2 Aurangabad		0.00%	100.00%	0.00%	0.00%	799	755	780
3 Banaskantha		0.00%	99.61%	0.39%	0.39%	803	760	785
4 Bhopal (BDTCL)		0.00%	100.00%	0.00%	0.00%	796	761	779
5 Bhuj		0.00%	100.00%	0.00%	0.00%	800	750	778
6 Bhuj II		0.00%	100.00%	0.00%	0.00%	795	747	774
7 Bilaspur		0.00%	100.00%	0.00%	0.00%	788	761	774
8 Bina		0.00%	100.00%	0.00%	0.00%	798	762	781
9 Champa		0.00%	79.87%	20.13%	20.13%	808	770	793
10 Dharamjaigarh		0.00%	100.00%	0.00%	0.00%	794	762	775
11 Dhule (BDTCL)		0.00%	100.00%	0.00%	0.00%	794	754	777
12 Ektuni		0.00%	100.00%	0.00%	0.00%	792	748	771
13 Gadawara		0.00%	100.00%	0.00%	0.00%	799	771	785
14 Gwalior		0.00%	99.52%	0.48%	0.48%	803	743	782
15 Indore		0.00%	100.00%	0.00%	0.00%	794	756	776
16 Jabalpur		0.00%	98.67%	1.33%	1.33%	803	771	788
17 Khandwa PS		0.00%	100.00%	0.00%	0.00%	793	758	777
18 Koradi		0.00%	100.00%	0.00%	0.00%	783	752	768
19 Lakadia		0.00%	96.24%	3.76%	3.76%	805	760	787
20 New Parli		0.00%	100.00%	0.00%	0.00%	800	755	780
21 Padghe		0.00%	98.85%	1.15%	1.15%	806	747	778
22 Pune		0.00%	97.11%	2.89%	2.89%	805	743	776
23 Raigarh Pooling		0.00%	99.68%	0.32%	0.32%	801	776	789
24 Raipur Pooling		0.00%	100.00%	0.00%	0.00%	800	774	787
25 Rajnandgaon		0.00%	96.56%	3.44%	3.44%	806	774	790
26 Sasan		0.00%	100.00%	0.00%	0.00%	789	767	778
27 Satna		0.00%	100.00%	0.00%	0.00%	798	770	785
28 Seoni		0.00%	100.00%	0.00%	0.00%	797	763	780
29 Sipat		0.00%	100.00%	0.00%	0.00%	787	764	775
30 Solapur		0.00%	97.12%	2.88%	2.88%	804	759	784
31 Tamnar		0.00%	100.00%	0.00%	0.00%	800	776	788
32 Tirora		0.00%	100.00%	0.00%	0.00%	775	755	763
33 Vadodara		0.00%	99.89%	0.11%	0.11%	801	753	782
34 Vindhyachal PS		0.00%	100.00%	0.00%	0.00%	791	770	781
35 Wardha		0.00%	99.82%	0.18%	0.18%	804	763	784
36 Warora		0.00%	100.00%	0.00%	0.00%	797	762	782
SR	1 Chilkaluripeta	0.00%	99.98%	0.02%	0.02%	800	748	779
	2 Cuddapah	0.00%	86.55%	13.45%	13.45%	813	759	787
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	796	750	775
	4 Maheshwaram	0.00%	100.00%	0.00%	0.00%	796	746	773
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	791	750	773
	6 Nizamabad	0.00%	97.95%	2.05%	2.05%	803	760	787
	7 Raichur	0.00%	100.00%	0.00%	0.00%	798	754	779
	8 Srikulam	0.00%	94.62%	5.38%	5.38%	805	764	785
	9 Thiruvallam	0.00%	96.93%	3.01%	3.01%	814	747	778
	10 Vemagiri	0.00%	95.94%	4.06%	4.06%	803	753	784
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	800	761	781
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	792	753	780
	3 Gaya	0.00%	100.00%	0.00%	0.00%	794	745	768
	4 Jharsuguda	0.00%	96.55%	3.45%	3.45%	805	754	789
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	797	744	770
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	795	735	764
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	798	762	782
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	776	762	721
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%	412	395	401
	3 Biswanath Chariali (400 kV)	0.01%	99.99%	0.00%	0.01%	414	358	401
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	408
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	405	411
	6 Bymihal/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	410
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	405
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	402
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	394	403
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	406
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	405
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	406
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	408
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	407
	16 Surajmani Nagar(Sterite) (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.