

**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**  
**20-Mar-2023 to 26-Mar-2023**

Date: 31-Mar-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 20-Mar-2023 to 26-Mar-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	755	773
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	789	755	773
	3 Ajmer	0.00%	99.83%	0.17%	0.17%	803	761	784
	4 Ajmer	0.00%	99.98%	0.02%	0.02%	801	751	776
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	775	753	763
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	775	752	763
	7 Anta	0.00%	99.57%	0.43%	0.43%	805	772	787
	8 Ballia	0.00%	100.00%	0.00%	0.00%	784	739	765
	9 Bara	0.00%	100.00%	0.00%	0.00%	785	759	772
	10 Bareilly	0.00%	98.74%	1.26%	1.26%	807	750	778
	11 Bhadla	0.00%	99.98%	0.02%	0.02%	801	743	777
	12 Bhadla II	0.00%	99.95%	0.05%	0.05%	803	736	776
	13 Bhiwani	0.00%	99.35%	0.65%	0.65%	807	766	784
	14 Bikaner	0.00%	99.96%	0.04%	0.04%	804	749	778
	15 Chittorgarh	0.00%	99.61%	0.39%	0.39%	803	751	782
	16 Fatehgarh II	0.00%	100.00%	0.00%	0.00%	799	735	773
	17 Fatehgarh	0.00%	100.00%	0.00%	0.00%	798	737	766
	18 Greater Noida	0.00%	99.84%	0.16%	0.16%	805	760	784
	19 Hapur	0.00%	99.63%	0.37%	0.37%	809	754	779
	20 Jhatikara	0.00%	99.98%	0.02%	0.02%	802	759	779
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	743	771
	22 Khethri	0.00%	99.97%	0.03%	0.03%	805	756	780
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	798	757	776
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	771	748	761
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	795	746	771
	26 Mainpuri	0.00%	99.88%	0.12%	0.12%	803	757	781
	27 Meerut	0.00%	98.66%	1.34%	1.34%	807	760	784
	28 Moga	0.00%	99.99%	0.01%	0.01%	800	745	773
	29 Orki	0.00%	99.16%	0.84%	0.84%	806	758	783
	30 Phagi	0.00%	99.79%	0.21%	0.21%	807	764	785
	31 Unnao	0.00%	100.00%	0.00%	0.00%	778	730	756
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	793	753	774
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	794	750	775
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	800	754	778
	3 Banaskantha	0.00%	99.96%	0.04%	0.04%	801	760	781
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	747	768
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	794	747	773
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	792	753	773
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	788	761	774
	8 Bina	0.00%	100.00%	0.00%	0.00%	792	755	774
	9 Champa	0.00%	92.87%	7.13%	7.13%	805	777	792
	10 Dharamjagarh	0.00%	100.00%	0.00%	0.00%	791	766	778
	11 Dhuile (BDTCL)	0.00%	100.00%	0.00%	0.00%	800	756	775
	12 Ekluni	0.00%	100.00%	0.00%	0.00%	788	745	770
	13 Gadwanara	0.00%	99.89%	0.11%	0.11%	802	766	783
	14 Gwalior	0.00%	99.73%	0.27%	0.27%	802	756	781
	15 Indore	0.00%	100.00%	0.00%	0.00%	795	753	774
	16 Jabalpur	0.00%	99.22%	0.78%	0.78%	804	766	785
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	796	756	776
	18 Koradi	0.00%	100.00%	0.00%	0.00%	780	748	767
	19 Lakadia	0.00%	98.14%	1.86%	1.86%	806	762	784
	20 New Parli	0.00%	100.00%	0.00%	0.00%	799	758	779
	21 Padghe	0.00%	98.26%	1.74%	1.74%	808	750	779
	22 Pune	0.00%	96.62%	3.38%	3.38%	813	746	780
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	800	775	789
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	774	787
	25 Rajnandgaon	0.00%	98.25%	1.75%	1.75%	806	772	790
	26 Sasan	0.00%	100.00%	0.00%	0.00%	789	763	776
	27 Satna	0.00%	100.00%	0.00%	0.00%	798	766	781
	28 Seoni	0.00%	100.00%	0.00%	0.00%	793	755	775
	29 Sipat	0.00%	100.00%	0.00%	0.00%	787	763	775
	30 Solapur	0.00%	99.84%	0.16%	0.16%	805	761	782
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	798	773	787
	32 Tirora	0.00%	100.00%	0.00%	0.00%	775	750	764
	33 Vadodara	0.00%	99.89%	0.11%	0.11%	803	754	778
	34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	766	779
	35 Wardha	0.00%	99.99%	0.01%	0.01%	800	756	781
36 Warora	0.00%	100.00%	0.00%	0.00%	796	760	780	
SR	1 Chilikaluripeta	0.00%	100.00%	0.00%	0.00%	796	757	776
	2 Cuddapah	0.00%	100.00%	0.00%	0.00%	798	751	777
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	790	740	767
	4 Maheshwaram	0.00%	97.62%	2.38%	2.38%	810	738	777
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	788	747	769
	6 Nizamabad	0.00%	94.27%	5.73%	5.73%	812	749	782
	7 Raichur	0.00%	100.00%	0.00%	0.00%	794	748	772
	8 Srikakulam	0.00%	100.00%	0.00%	0.00%	795	763	778
	9 Thiruvallam	0.00%	100.00%	0.00%	0.00%	778	739	761
	10 Vemagiri	0.00%	100.00%	0.00%	0.00%	799	764	779
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	783	754	769
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	788	769	779
	3 Gaya	0.00%	100.00%	0.00%	0.00%	786	762	775
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	774	788
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	784	754	768
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	773	738	758
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	792	764	781
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	798	743	766
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	402	394	398
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	402
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	410	386	400
	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%	420	404	411
	6 Byrnhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	411
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	404
	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%	410	395	403
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	406
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	407
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	414	394	404
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	409
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	408
	16 Surajmani Nagar(Sterilite) (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	403

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