

**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**  
**16-Jan-2023 to 22-Jan-2023**

Date: 27-Jan-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 16-Jan-2023 to 22-Jan-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%	99.96%	0.04%	0.04%	803	744	770
	2 Agra (Fatehabad)	0.00%	99.96%	0.04%	0.04%	803	744	770
	3 Ajmer	0.00%	99.12%	0.88%	0.88%	814	745	779
	4 Ajmer	0.00%	99.94%	0.06%	0.06%	805	748	775
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	774	756	764
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	773	755	763
	7 Anta	0.00%	100.00%	0.00%	0.00%	799	746	775
	8 Ballia	0.00%	100.00%	0.00%	0.00%	786	745	768
	9 Bara	0.00%	100.00%	0.00%	0.00%	785	758	771
	10 Bareilly	0.00%	99.53%	0.47%	0.47%	802	747	778
	11 Bhadla	0.08%	99.51%	0.41%	0.49%	820	702	770
	12 Bhadla II	0.01%	99.53%	0.46%	0.47%	817	715	771
	13 Bhiwani	0.00%	99.74%	0.26%	0.26%	806	756	782
	14 Bikaner	0.00%	99.47%	0.53%	0.53%	816	733	772
	15 Chittorgarh	0.00%	99.76%	0.24%	0.24%	803	750	779
	16 Fatehgarh II	0.01%	99.63%	0.36%	0.37%	817	698	769
	17 Fatehgarh	0.00%	100.00%	0.00%	0.00%	789	747	770
	18 Greater Noida	0.00%	99.50%	0.50%	0.50%	808	754	782
	19 Hapur	0.00%	99.74%	0.26%	0.26%	804	749	779
	20 Jhatikara	0.00%	99.99%	0.01%	0.01%	801	748	772
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	751	773
	22 Khethri	0.00%	99.69%	0.31%	0.31%	808	751	774
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	798	744	772
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	778	741	761
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	796	748	774
	26 Mainpuri	0.00%	99.94%	0.06%	0.06%	803	753	779
	27 Meerut	0.00%	99.55%	0.45%	0.45%	805	751	780
	28 Moga	0.00%	99.71%	0.29%	0.29%	805	749	771
	29 Orai	0.00%	99.63%	0.37%	0.37%	805	762	783
	30 Phagi	0.00%	99.52%	0.48%	0.48%	812	736	776
	31 Unnao	0.00%	100.00%	0.00%	0.00%	783	731	762
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	791	748	776
WR	1 Akola	0.00%	99.88%	0.12%	0.12%	802	750	773
	2 Aurangabad	0.00%	99.85%	0.15%	0.15%	803	739	776
	3 Banaskantha	0.00%	99.99%	0.01%	0.01%	801	756	778
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	747	772
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	790	753	772
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	787	753	770
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	788	752	769
	8 Bina	0.00%	100.00%	0.00%	0.00%	795	750	776
	9 Champa	0.00%	95.05%	4.95%	4.95%	806	763	787
	10 Dharamjalgarh	0.00%	100.00%	0.00%	0.00%	792	752	769
	11 Dhuile (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	743	775
	12 Ekluni	0.00%	100.00%	0.00%	0.00%	790	741	770
	13 Gadankara	0.00%	100.00%	0.00%	0.00%	798	764	782
	14 Gwalior	0.01%	99.86%	0.13%	0.14%	801	757	779
	15 Indore	0.00%	100.00%	0.00%	0.00%	794	743	772
	16 Jabalpur	0.00%	98.85%	1.15%	1.15%	803	760	784
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	795	748	774
	18 Koradi	0.00%	100.00%	0.00%	0.00%	789	753	770
	19 Lakadia	0.00%	99.86%	0.14%	0.14%	801	763	783
	20 New Partii	0.00%	100.00%	0.00%	0.00%	799	744	778
	21 Padghe	0.00%	98.29%	1.71%	1.71%	814	744	779
	22 Pune	0.00%	97.22%	2.78%	2.78%	813	739	779
	23 Raigarh Pooling	0.00%	98.15%	1.85%	1.85%	801	763	784
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	800	761	783
	25 Rajnandgaon	0.00%	97.36%	2.64%	2.64%	804	760	784
	26 Sasan	0.00%	100.00%	0.00%	0.00%	788	766	777
	27 Satna	0.00%	100.00%	0.00%	0.00%	797	766	782
	28 Seoni	0.00%	100.00%	0.00%	0.00%	794	747	772
	29 Sipat	0.00%	100.00%	0.00%	0.00%	788	754	770
	30 Solapur	0.00%	99.37%	0.63%	0.63%	806	748	781
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	800	766	783
	32 Tirora	0.00%	100.00%	0.00%	0.00%	781	755	767
33 Vadodara	0.00%	100.00%	0.00%	0.00%	799	754	779	
34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	769	781	
35 Wardha	0.00%	99.91%	0.09%	0.09%	803	749	780	
36 Warora	0.00%	100.00%	0.00%	0.00%	799	753	777	
SR	1 Chilikaluripeta	0.00%	93.24%	6.76%	6.76%	806	744	780
	2 Cuddapah	0.00%	90.89%	9.11%	9.11%	810	748	784
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	796	738	774
	4 Maheshwaram	0.04%	94.40%	5.56%	5.60%	812	741	779
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	800	744	776
	6 Nizamabad	0.00%	80.70%	19.30%	19.30%	813	744	786
	7 Raichur	0.00%	99.97%	0.03%	0.03%	800	742	777
	8 Srikakulam	0.00%	95.53%	4.47%	4.47%	807	747	780
	9 Thiruvallam	0.18%	99.18%	0.64%	0.82%	803	732	770
	10 Vemagiri	0.00%	78.79%	21.21%	21.21%	812	748	784
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	791	743	768
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	789	758	773
	3 Gaya	0.00%	100.00%	0.00%	0.00%	788	754	771
	4 Jharsuguda	0.00%	99.86%	0.14%	0.14%	801	764	781
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	783	743	766
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	782	730	757
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	793	763	780
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	785	747	767
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	408	400	404
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	405
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	402
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	410
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	404	412
	6 Byrnhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	411
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	408
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	406
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	407
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	408
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	407
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	410	395	402
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	424	406	416
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	409
	16 Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	408	395	401

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