

**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**  
**23-Jan-2023 to 29-Jan-2023**

Date: 3-Feb-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 23-Jan-2023 to 29-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%	100.00%	0.00%	0.00%	792	742	773
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	792	742	773
	3 Ajmer	0.00%	99.87%	0.13%	0.13%	805	736	780
	4 Ajmer	0.00%	99.95%	0.05%	0.05%	801	752	776
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	775	757	765
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	775	755	764
	7 Anta	0.01%	99.99%	0.00%	0.01%	797	704	776
	8 Ballia	0.00%	100.00%	0.00%	0.00%	787	751	769
	9 Bara	0.00%	100.00%	0.00%	0.00%	784	758	771
	10 Bareilly	0.00%	94.85%	5.15%	5.15%	808	750	783
	11 Bhadla	0.15%	99.85%	0.00%	0.15%	800	712	772
	12 Bhadla II	0.05%	99.94%	0.01%	0.06%	802	713	772
	13 Bhiwani	0.00%	99.79%	0.21%	0.21%	801	749	779
	14 Bikaner	0.01%	99.97%	0.02%	0.03%	802	726	773
	15 Chittorgarh	0.00%	99.83%	0.17%	0.17%	803	733	780
	16 Fatehgarh II	0.07%	99.82%	0.11%	0.18%	806	687	771
	17 Fatehgarh	0.00%	100.00%	0.00%	0.00%	791	747	770
	18 Greater Noida	0.00%	98.66%	1.34%	1.34%	805	755	783
	19 Hapur	0.00%	99.24%	0.76%	0.76%	803	752	782
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	797	742	775
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	751	773
	22 Khethri	0.00%	100.00%	0.00%	0.00%	800	738	776
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	797	745	772
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	775	738	760
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	797	747	776
	26 Mainpuri	0.00%	99.53%	0.47%	0.47%	804	751	779
	27 Meerut	0.00%	99.58%	0.42%	0.42%	804	749	780
	28 Moga	0.00%	99.79%	0.21%	0.21%	806	734	770
	29 Orai	0.00%	98.15%	1.85%	1.85%	805	737	785
	30 Phagi	0.00%	99.92%	0.08%	0.08%	803	734	778
	31 Unnao	0.00%	100.00%	0.00%	0.00%	788	734	762
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	791	762	777
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	794	743	774
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	798	743	777
	3 Banaskantha	0.00%	99.91%	0.09%	0.09%	801	754	780
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	740	773
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	793	749	773
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	789	751	771
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	789	755	772
	8 Bina	0.00%	100.00%	0.00%	0.00%	798	757	780
	9 Champa	0.00%	90.86%	9.14%	9.14%	806	769	791
	10 Dharamjagarh	0.00%	100.00%	0.00%	0.00%	783	755	770
	11 Dhuile (BDTCL)	0.00%	100.00%	0.00%	0.00%	800	740	777
	12 Ekluni	0.00%	100.00%	0.00%	0.00%	789	736	770
	13 Gadankara	0.00%	99.02%	0.98%	0.98%	800	765	784
	14 Gwalior	0.00%	99.79%	0.21%	0.21%	801	758	782
	15 Indore	0.00%	100.00%	0.00%	0.00%	795	738	775
	16 Jabalpur	0.00%	97.17%	2.83%	2.83%	805	766	787
	17 Khandwa PS	0.00%	99.99%	0.01%	0.01%	800	743	777
	18 Koradi	0.00%	100.00%	0.00%	0.00%	782	750	771
	19 Lakadia	0.00%	99.14%	0.86%	0.86%	805	762	785
	20 New Part	0.00%	99.99%	0.01%	0.01%	800	749	777
	21 Padghe	0.00%	99.20%	0.80%	0.80%	807	733	780
	22 Pune	0.00%	98.60%	1.40%	1.40%	814	732	780
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	767	787
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	765	778
	25 Rajnandgaon	0.00%	99.03%	0.97%	0.97%	807	764	786
	26 Sasan	0.00%	100.00%	0.00%	0.00%	791	767	779
	27 Satna	0.00%	100.00%	0.00%	0.00%	800	767	785
	28 Seoni	0.00%	100.00%	0.00%	0.00%	797	750	775
	29 Sipat	0.00%	100.00%	0.00%	0.00%	787	758	773
	30 Solapur	0.00%	99.92%	0.08%	0.08%	802	748	780
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	797	769	786
	32 Tirora	0.00%	100.00%	0.00%	0.00%	776	747	766
33 Vadodara	0.00%	97.09%	2.91%	2.91%	805	747	784	
34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	793	771	782	
35 Wardha	0.00%	99.89%	0.11%	0.11%	807	748	780	
36 Warora	0.00%	100.00%	0.00%	0.00%	799	765	778	
SR	1 Chilikaluripeta	0.00%	99.37%	0.63%	0.63%	801	744	779
	2 Cuddapah	0.00%	87.53%	12.47%	12.47%	809	749	785
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	796	738	774
	4 Maheshwaram	0.00%	98.88%	1.12%	1.12%	809	736	772
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	795	743	776
	6 Nizamabad	0.00%	97.34%	2.66%	2.66%	812	742	782
	7 Raichur	0.00%	99.99%	0.01%	0.01%	801	742	777
	8 Srikulam	0.00%	99.94%	0.06%	0.06%	801	748	778
	9 Thiruvallam	0.00%	98.86%	1.14%	1.14%	801	733	777
	10 Vemagiri	0.00%	90.21%	9.79%	9.79%	806	748	783
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	783	746	766
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	782	761	773
	3 Gaya	0.00%	100.00%	0.00%	0.00%	787	756	771
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	765	781
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	787	746	767
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	786	734	760
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	794	746	780
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	784	752	770
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	407	395	400
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	405
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	411	391	401
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	410
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	405	412
	6 Byrnhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	411
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	408
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	406
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	409
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	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	394	402
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	425	400	414
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	409
	16 Surajmani Nagar(Sterilite) (400 kV)	0.00%	100.00%	0.00%	0.00%	407	394	401

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