

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
30-Jan-2023 to 05-Feb-2023

Date: 9-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 30-Jan-2023 to 05-Feb-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%	793	743	773
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	793	743	773
	3 Ajmer	0.00%	99.60%	0.40%	0.00%	805	756	780
	4 Ajmer	0.00%	100.00%	0.00%	0.00%	798	752	776
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	774	757	765
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	773	755	763
	7 Anta	0.00%	99.97%	0.03%	0.03%	801	752	778
	8 Ballia	0.00%	100.00%	0.00%	0.00%	786	744	767
	9 Bara	0.00%	100.00%	0.00%	0.00%	781	754	769
	10 Bareilly	0.00%	97.17%	2.83%	2.83%	804	748	781
	11 Bhadla	0.01%	99.81%	0.18%	0.19%	807	712	772
	12 Bhadla II	0.00%	99.77%	0.23%	0.23%	807	744	772
	13 Bhiwani	0.00%	99.77%	0.23%	0.23%	802	757	780
	14 Bikaner	0.00%	99.88%	0.12%	0.12%	807	744	772
	15 Chittorgarh	0.00%	99.85%	0.15%	0.15%	802	752	779
	16 Fatehgarh II	0.00%	99.72%	0.28%	0.28%	811	730	772
	17 Fatehgarh	0.00%	100.00%	0.00%	0.00%	794	743	769
	18 Greater Noida	0.00%	98.38%	1.62%	1.62%	804	755	783
	19 Hapur	0.00%	97.76%	2.24%	2.24%	805	751	781
	20 Jhatkara	0.00%	100.00%	0.00%	0.00%	797	752	775
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	799	749	772
	22 Khethri	0.00%	99.87%	0.13%	0.13%	807	748	776
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	793	748	772
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	775	744	761
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	798	746	774
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	797	750	778
	27 Meerut	0.00%	99.95%	0.05%	0.05%	800	753	780
	28 Moga	0.00%	99.95%	0.05%	0.05%	804	736	770
	29 Orai	0.00%	97.99%	2.01%	2.01%	806	761	784
	30 Phagi	0.00%	99.68%	0.32%	0.32%	805	751	779
	31 Unnao	0.00%	100.00%	0.00%	0.00%	787	732	760
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	793	759	776
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	798	748	774
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	798	746	777
	3 Banaskantha	0.00%	100.00%	0.00%	0.00%	799	760	781
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	747	771
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	794	752	774
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	791	754	773
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	779	747	766
	8 Bina	0.00%	100.00%	0.00%	0.00%	798	755	778
	9 Champa	0.00%	99.51%	0.49%	0.49%	803	767	787
	10 Dharamjagarh	0.00%	100.00%	0.00%	0.00%	779	754	767
	11 Dhuile (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	748	776
	12 Ekluni	0.00%	100.00%	0.00%	0.00%	792	743	770
	13 Gadankara	0.00%	100.00%	0.00%	0.00%	795	764	781
	14 Gwalior	0.00%	99.08%	0.92%	0.92%	804	753	781
	15 Indore	0.00%	100.00%	0.00%	0.00%	796	745	774
	16 Jabalpur	0.00%	99.43%	0.57%	0.57%	804	763	784
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	797	749	776
	18 Koradi	0.00%	100.00%	0.00%	0.00%	782	752	769
	19 Lakadia	0.00%	98.17%	1.83%	1.83%	806	763	786
	20 New Partii	0.00%	99.99%	0.01%	0.01%	800	745	778
	21 Padghe	0.00%	99.47%	0.53%	0.53%	805	744	780
	22 Pune	0.00%	99.31%	0.69%	0.69%	806	742	780
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	769	783
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	767	782
	25 Rajnandgaon	0.00%	99.98%	0.02%	0.02%	801	759	782
	26 Sasan	0.00%	100.00%	0.00%	0.00%	793	765	778
	27 Satna	0.00%	100.00%	0.00%	0.00%	799	767	784
	28 Seoni	0.00%	100.00%	0.00%	0.00%	790	743	770
	29 Sipat	0.00%	100.00%	0.00%	0.00%	779	751	767
	30 Solapur	0.00%	99.91%	0.09%	0.09%	804	748	782
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	795	768	783
	32 Tirora	0.00%	100.00%	0.00%	0.00%	777	754	766
	33 Vadodara	0.00%	99.25%	0.75%	0.75%	804	752	782
	34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	769	782
	35 Wardha	0.00%	99.98%	0.02%	0.02%	801	745	777
36 Warora	0.00%	100.00%	0.00%	0.00%	794	749	776	
SR	1 Chilikaluripeta	0.00%	100.00%	0.00%	0.00%	799	739	775
	2 Cuddapah	0.00%	99.54%	0.46%	0.46%	803	750	781
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	797	738	773
	4 Maheshwaram	0.00%	100.00%	0.00%	0.00%	795	728	768
	5 Nellore PS	0.00%	99.97%	0.03%	0.03%	801	743	774
	6 Nizamabad	0.00%	99.59%	0.41%	0.41%	802	743	777
	7 Raichur	0.00%	100.00%	0.00%	0.00%	798	743	775
	8 Srikakulam	0.00%	100.00%	0.00%	0.00%	797	740	773
	9 Thiruvallam	0.00%	100.00%	0.00%	0.00%	796	737	772
	10 Vemagiri	0.00%	100.00%	0.00%	0.00%	799	743	778
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	779	742	763
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	781	759	771
	3 Gaya	0.00%	100.00%	0.00%	0.00%	785	751	769
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	762	778
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	786	746	765
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	783	732	756
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	791	762	780
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	786	746	768
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	402	395	399
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	395	404
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	410	392	400
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	409
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	411
	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	409
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	404
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	406
	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%	415	396	406
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	406
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	411	394	403
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	423	403	413
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	409
	16 Surajmani Nagar(Sterilite) (400 kV)	0.00%	100.00%	0.00%	0.00%	408	394	402

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