

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
15-May-2023 to 21-May-2023

Date: 26-May-2023

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	16	4.00	2.38
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	2	0.50	0.30
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 15-May-2023 to 21-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%	791	742	767
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	791	742	767
	3 Ajmer	0.00%	99.36%	0.64%	0.00%	803	752	781
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	796	741	773
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	774	755	766
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	771	754	764
	7 Anta	0.00%	98.20%	1.80%	1.80%	805	768	788
	8 Ballia	0.00%	100.00%	0.00%	0.00%	783	745	764
	9 Bara	0.00%	100.00%	0.00%	0.00%	790	764	778
	10 Bareilly	0.00%	100.00%	0.00%	0.00%	799	751	774
	11 Bhadla	0.00%	99.98%	0.02%	0.00%	815	739	772
	12 Bhadla II	0.00%	100.00%	0.00%	0.00%	795	744	773
	13 Bhiwani	0.00%	99.14%	0.86%	0.86%	800	748	780
	14 Bikaner	0.01%	99.99%	0.00%	0.01%	796	722	773
	15 Chittorgarh	0.00%	99.43%	0.57%	0.57%	802	760	783
	16 Fatehgarh II	0.00%	100.00%	0.00%	0.00%	797	731	770
	17 Fatehgarh	0.00%	100.00%	0.00%	0.00%	791	747	773
	18 Greater Noida	0.00%	99.99%	0.01%	0.01%	800	748	777
	19 Hapur	0.00%	99.96%	0.04%	0.04%	801	731	769
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	795	744	773
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	788	741	769
	22 Kheri	0.00%	100.00%	0.00%	0.00%	798	745	773
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	798	745	776
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	770	742	755
	26 Mainpuri	0.00%	99.88%	0.12%	0.12%	808	755	781
	27 Meerut	0.00%	99.87%	0.13%	0.13%	801	747	778
	28 Moga	0.00%	100.00%	0.00%	0.00%	792	744	769
	29 Orai	0.00%	100.00%	0.00%	0.00%	798	746	778
	30 Phagi	0.00%	98.90%	1.10%	1.10%	804	754	781
	31 Unnao	0.00%	100.00%	0.00%	0.00%	776	736	760
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	787	752	773
	WR	1 Akola	0.00%	100.00%	0.00%	0.00%	786	765
2 Aurangabad		0.00%	100.00%	0.00%	0.00%	800	756	778
3 Banaskantha		0.00%	99.29%	0.71%	0.71%	804	758	778
4 Bhopal (BDTCL)		0.00%	100.00%	0.00%	0.00%	787	751	772
5 Bhuj		0.00%	100.00%	0.00%	0.00%	799	747	773
6 Bhuj II		0.00%	100.00%	0.00%	0.00%	791	742	765
7 Bilaspur		0.00%	100.00%	0.00%	0.00%	783	756	771
8 Bina		0.00%	100.00%	0.00%	0.00%	789	744	773
9 Champa		0.00%	99.10%	0.90%	0.90%	802	776	791
10 Dharamjaigarh		0.00%	100.00%	0.00%	0.00%	777	755	769
11 Dhule (BDTCL)		0.00%	100.00%	0.00%	0.00%	793	756	774
12 Ektuni		0.00%	100.00%	0.00%	0.00%	786	745	770
13 Gadawara		0.00%	100.00%	0.00%	0.00%	795	760	783
14 Gwalior		0.00%	100.00%	0.00%	0.00%	796	748	779
15 Indore		0.00%	100.00%	0.00%	0.00%	785	750	769
16 Jabalpur		0.00%	100.00%	0.00%	0.00%	795	755	782
17 Khandwa PS		0.00%	100.00%	0.00%	0.00%	788	756	772
18 Koradi		0.00%	100.00%	0.00%	0.00%	771	751	762
19 Lakadia		0.00%	99.47%	0.53%	0.53%	803	758	781
20 New Parli		0.00%	99.92%	0.08%	0.08%	802	763	783
21 Padghe		0.00%	97.85%	2.15%	2.15%	811	749	780
22 Pune		0.00%	99.46%	0.54%	0.54%	804	744	779
23 Raigadh Pooling		0.00%	100.00%	0.00%	0.00%	795	772	785
24 Raipur Pooling		0.00%	100.00%	0.00%	0.00%	793	771	783
25 Rajnandgaon		0.00%	100.00%	0.00%	0.00%	800	771	785
26 Sasan		0.00%	100.00%	0.00%	0.00%	785	758	776
27 Satna		0.00%	100.00%	0.00%	0.00%	793	756	781
28 Seoni		0.00%	100.00%	0.00%	0.00%	789	753	774
29 Sipat		0.00%	100.00%	0.00%	0.00%	783	758	772
30 Solapur		0.00%	99.13%	0.87%	0.87%	806	763	787
31 Tamnar		0.00%	100.00%	0.00%	0.00%	794	771	784
32 Tirora		0.00%	100.00%	0.00%	0.00%	772	753	761
33 Vadodara		0.00%	100.00%	0.00%	0.00%	799	758	780
34 Vindhyachal PS		0.00%	100.00%	0.00%	0.00%	788	761	780
35 Wardha		0.00%	100.00%	0.00%	0.00%	799	764	780
36 Warora		0.00%	100.00%	0.00%	0.00%	797	765	781
SR	1 Chilikaluripeta	0.00%	100.00%	0.00%	0.00%	796	762	778
	2 Cuddapah	0.00%	94.67%	5.33%	5.33%	806	766	785
	3 Kurmool	0.00%	100.00%	0.00%	0.00%	795	756	775
	4 Maheshwaram	0.00%	100.00%	0.00%	0.00%	797	759	774
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	792	755	772
	6 Nizamabad	0.00%	98.78%	1.22%	1.22%	804	770	786
	7 Raichur	0.00%	100.00%	0.00%	0.00%	798	758	779
	8 Srikakulam	0.00%	100.00%	0.00%	0.00%	798	750	775
	9 Thiruvallam	0.00%	100.00%	0.00%	0.00%	790	741	759
	10 Vemagiri	0.00%	100.00%	0.00%	0.00%	789	732	772
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	790	750	770
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	783	754	772
	3 Gaya	0.00%	100.00%	0.00%	0.00%	789	747	768
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	751	780
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	792	746	767
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	796	740	765
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	793	750	775
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	797	742	715
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	404
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	392	402
	3 Biswanath Chariali (400 kV)	0.00%	99.99%	0.00%	0.00%	410	380	402
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	407
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	409
	6 Bymihal/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	409
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	415	391	404
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	403
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	403
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	407
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	406
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	407
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	409
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	407
	16 Surajmani Nagar(Sterite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	396	402

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