

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
24-Apr-2023 to 30-Apr-2023

Date: 4-May-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 24-Apr-2023 to 30-Apr-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	749	770
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	784	749	770
	3 Ajmer	0.00%	98.49%	1.51%	1.51%	805	760	783
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	790	754	772
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	775	756	763
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	781	754	762
	7 Anta	0.00%	99.86%	0.14%	0.14%	804	775	788
	8 Ballia	0.00%	100.00%	0.00%	0.00%	784	744	764
	9 Bara	0.00%	100.00%	0.00%	0.00%	784	761	772
	10 Bareilly	0.00%	99.28%	0.72%	0.72%	804	749	774
	11 Bhadla	0.00%	99.97%	0.03%	0.03%	803	749	775
	12 Bhadla II	0.00%	99.98%	0.02%	0.02%	801	748	774
	13 Bhiwani	0.00%	99.87%	0.13%	0.13%	801	762	779
	14 Bikaner	0.00%	99.96%	0.04%	0.04%	801	754	775
	15 Chittorgarh	0.00%	99.05%	0.95%	0.95%	806	755	783
	16 Fatehgarh II	0.00%	99.91%	0.09%	0.09%	803	737	772
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	792	751	774
	18 Greater Noida	0.00%	100.00%	0.00%	0.00%	798	756	776
	19 Hapur	0.00%	100.00%	0.00%	0.00%	794	736	765
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	794	756	775
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	748	771
	22 Kheri	0.00%	100.00%	0.00%	0.00%	787	753	776
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	792	756	774
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	771	746	760
	26 Mainpuri	0.00%	99.78%	0.22%	0.22%	803	760	780
	27 Meerut	0.00%	100.00%	0.00%	0.00%	799	756	776
	28 Moga	0.00%	99.97%	0.03%	0.03%	801	751	770
	29 Orai	0.00%	99.91%	0.09%	0.09%	804	765	783
	30 Phagi	0.00%	99.72%	0.28%	0.28%	802	765	783
	31 Unnao	0.00%	100.00%	0.00%	0.00%	794	744	767
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	790	763	776
	WR	1 Akola	0.00%	100.00%	0.00%	0.00%	779	754
2 Aurangabad		0.00%	100.00%	0.00%	0.00%	799	749	780
3 Banaskantha		0.00%	100.00%	0.00%	0.00%	797	753	779
4 Bhopal (BDTCL)		0.00%	100.00%	0.00%	0.00%	792	752	771
5 Bhuj		0.00%	100.00%	0.00%	0.00%	791	747	773
6 Bhuj II		0.00%	100.00%	0.00%	0.00%	782	747	766
7 Bilaspur		0.00%	100.00%	0.00%	0.00%	787	759	772
8 Bina		0.00%	99.99%	0.01%	0.01%	801	763	779
9 Champa		0.00%	96.30%	3.70%	3.70%	807	776	789
10 Dharamjaigarh		0.00%	100.00%	0.00%	0.00%	787	764	776
11 Dhule (BDTCL)		0.00%	100.00%	0.00%	0.00%	797	750	780
12 Ektuni		0.00%	100.00%	0.00%	0.00%	792	747	772
13 Gadawara		0.00%	97.53%	2.47%	2.47%	807	770	786
14 Gwalior		0.00%	99.66%	0.34%	0.34%	801	762	783
15 Indore		0.00%	100.00%	0.00%	0.00%	795	752	775
16 Jabalpur		0.00%	94.02%	5.98%	5.98%	811	776	789
17 Khandwa PS		0.00%	100.00%	0.00%	0.00%	794	755	777
18 Koradi		0.00%	100.00%	0.00%	0.00%	785	757	772
19 Lakadia		0.00%	99.98%	0.02%	0.02%	801	759	763
20 New Parli		0.00%	99.50%	0.50%	0.50%	803	751	782
21 Padghe		0.00%	99.84%	0.16%	0.16%	804	747	776
22 Pune		0.00%	99.39%	0.61%	0.61%	807	740	779
23 Raigarh Pooling		0.00%	99.99%	0.01%	0.01%	801	775	787
24 Raipur Pooling		0.00%	100.00%	0.00%	0.00%	799	775	785
25 Rajnandgaon		0.01%	99.10%	0.89%	0.90%	804	726	786
26 Sasan		0.00%	100.00%	0.00%	0.00%	792	771	780
27 Satna		0.00%	99.15%	0.85%	0.85%	803	771	784
28 Seoni		0.00%	100.00%	0.00%	0.00%	787	758	778
29 Sipat		0.00%	100.00%	0.00%	0.00%	786	763	773
30 Solapur		0.00%	98.82%	1.18%	1.18%	806	753	785
31 Tamnar		0.00%	100.00%	0.00%	0.00%	799	774	786
32 Tirora		0.00%	100.00%	0.00%	0.00%	779	756	767
33 Vadodara		0.00%	98.88%	1.12%	1.12%	803	757	784
34 Vindhyachal PS		0.00%	100.00%	0.00%	0.00%	795	774	784
35 Wardha		0.00%	99.61%	0.39%	0.39%	802	760	784
36 Warora		0.00%	99.94%	0.06%	0.06%	801	759	781
SR	1 Chilkaluripeta	0.00%	99.88%	0.12%	0.12%	801	757	780
	2 Cuddapah	0.00%	96.72%	4.28%	4.28%	808	757	784
	3 Kurmool	0.00%	100.00%	0.00%	0.00%	796	746	773
	4 Maheshwaram	0.00%	100.00%	0.00%	0.00%	797	752	778
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	797	752	775
	6 Nizamabad	0.00%	93.58%	6.42%	6.42%	808	765	789
	7 Raichur	0.00%	100.00%	0.00%	0.00%	799	750	778
	8 Srikulam	0.00%	99.99%	0.01%	0.01%	800	758	779
	9 Thiruvalam	0.00%	100.00%	0.00%	0.00%	799	754	777
	10 Vemagiri	0.00%	100.00%	0.00%	0.00%	796	758	781
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	786	754	771
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	788	757	776
	3 Gaya	0.00%	100.00%	0.00%	0.00%	789	753	770
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	756	782
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	791	742	767
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	790	735	764
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	797	753	779
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	791	748	715
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	404
	2 Balpara (400 kV)	0.01%	99.99%	0.00%	0.01%	411	394	401
	3 Biswanath Chariali (400 kV)	0.02%	99.98%	0.00%	0.02%	413	372	401
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	410
	6 Bymihal/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	409
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	414	388	404
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	402
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	403
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	407
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	406
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	406
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	420	400	408
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	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.