

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
29-Apr-2024 to 05-May-2024

Date: 10-May-2024

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 29-Apr-2024 to 05-May-2024

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	750	772
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	791	750	772
	3 Ajmer	0.00%	99.36%	0.64%	0.00%	804	757	782
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	793	748	774
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	777	759	767
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	776	758	765
	7 Anta	0.00%	100.00%	0.00%	0.00%	798	768	779
	9 Bara	0.00%	100.00%	0.00%	0.00%	778	752	767
	10 Bareilly	0.00%	100.00%	0.00%	0.00%	788	749	770
	11 Bhadra	0.00%	100.00%	0.00%	0.00%	794	751	778
	12 Bhadla II	0.00%	100.00%	0.00%	0.00%	794	749	779
	13 Bhowani	0.00%	99.45%	0.55%	0.00%	801	757	782
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	796	750	779
	15 Chittorgarh	0.00%	99.46%	0.54%	0.00%	807	762	783
	16 Fatehgarh II	0.00%	100.00%	0.00%	0.00%	793	740	777
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	786	758	773
	18 Greater Noida	0.00%	100.00%	0.00%	0.00%	796	752	777
	19 Hapur	0.00%	100.00%	0.00%	0.00%	790	741	769
	20 Jhatikara	0.00%	99.99%	0.01%	0.01%	800	746	774
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	783	756	770
	22 Khetri	0.00%	100.00%	0.00%	0.00%	799	743	777
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	796	745	774
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	770	747	758
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	781	746	762
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	780	740	764
	27 Meerut	0.00%	99.66%	0.34%	0.00%	803	746	778
	28 Meerut	0.00%	100.00%	0.00%	0.00%	800	745	780
	29 Orai	0.00%	99.99%	0.01%	0.01%	800	772	786
	30 Phagi	0.00%	99.96%	0.04%	0.04%	801	755	781
	31 Unnao	0.00%	100.00%	0.00%	0.00%	774	742	754
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	781	761	772
	WR	1 Akola	0.00%	100.00%	0.00%	0.00%	796	756
2 Aurangabad		0.00%	100.00%	0.00%	0.00%	798	760	782
3 Banaskantha		0.00%	99.75%	0.25%	0.25%	801	767	785
4 Bhopal (BDTCL)		0.00%	100.00%	0.00%	0.00%	784	752	769
5 Bhuj		0.00%	100.00%	0.00%	0.00%	793	758	779
6 Bhuj II		0.00%	100.00%	0.00%	0.00%	785	756	773
7 Bilaspur		0.00%	100.00%	0.00%	0.00%	782	761	771
8 Bina		0.00%	100.00%	0.00%	0.00%	795	772	782
9 Champa		0.00%	99.15%	0.85%	0.85%	803	776	792
10 Dharamjaigarh		0.00%	100.00%	0.00%	0.00%	780	762	771
11 Dhuile (BDTCL)		0.00%	100.00%	0.00%	0.00%	790	756	776
12 Ektuni		0.00%	100.00%	0.00%	0.00%	797	750	769
13 Gadawara		0.00%	100.00%	0.00%	0.00%	799	769	785
14 Gwalior		0.00%	100.00%	0.00%	0.00%	800	769	782
15 Indore		0.00%	100.00%	0.00%	0.00%	785	749	770
16 Jabalpur		0.00%	99.95%	0.05%	0.05%	802	776	788
17 Khandwa PS		0.00%	100.00%	0.00%	0.00%	784	752	772
18 Koradi		0.00%	100.00%	0.00%	0.00%	780	753	762
19 Lakadia		0.00%	98.44%	1.56%	1.56%	803	768	788
20 New Parli		0.00%	98.71%	1.29%	1.29%	804	762	786
21 Padghe		0.00%	99.38%	0.63%	0.63%	804	737	771
22 Pune		0.00%	99.85%	0.15%	0.15%	804	745	778
23 Raigarh Pooling		0.00%	100.00%	0.00%	0.00%	795	777	785
24 Raipur Pooling		0.00%	100.00%	0.00%	0.00%	794	775	784
25 Rajnandgaon		0.00%	99.90%	0.10%	0.10%	803	776	790
26 Sasan		0.00%	100.00%	0.00%	0.00%	786	770	777
27 Satna		0.00%	100.00%	0.00%	0.00%	796	776	785
28 Seoni		0.00%	100.00%	0.00%	0.00%	791	762	778
29 Sipat		0.00%	100.00%	0.00%	0.00%	780	763	773
30 Solapur		0.00%	99.01%	0.99%	0.99%	804	762	787
31 Tamnar		0.00%	100.00%	0.00%	0.00%	794	777	785
32 Tirora		0.00%	100.00%	0.00%	0.00%	776	755	762
33 Vadodara		0.00%	96.56%	3.44%	3.44%	806	760	787
34 Vindhychal PS		0.00%	100.00%	0.00%	0.00%	790	773	780
35 Wardha		0.00%	99.96%	0.04%	0.04%	801	767	785
36 Warora		0.00%	100.00%	0.00%	0.00%	799	760	783
SR	1 Chalakuripeta	0.00%	97.15%	2.85%	2.85%	809	761	786
	2 Cuddapah	0.00%	91.56%	8.44%	8.44%	811	760	788
	3 Kurnool	0.00%	99.95%	0.05%	0.05%	801	758	780
	4 Maheshwaram	0.00%	98.91%	1.09%	1.09%	806	764	785
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	792	755	773
	6 Nizamabad	0.00%	97.27%	2.73%	2.73%	805	771	789
	7 Raichur	0.00%	100.00%	0.00%	0.00%	799	758	780
	8 Srikakulam	0.00%	99.95%	0.05%	0.05%	801	753	780
	9 Thiruvalam	0.00%	99.07%	0.93%	0.93%	802	747	776
	10 Vemagiri	0.00%	99.46%	0.54%	0.54%	808	762	785
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	785	755	771
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	789	767	778
	3 Gaya	0.00%	100.00%	0.00%	0.00%	772	750	761
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	752	787
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	800	746	776
	6 New Jeerat	0.00%	99.99%	0.01%	0.01%	800	739	775
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	794	757	781
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	774	752	762
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	406
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	401
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	406
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	386	407
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	407
	6 Byrihat/Killing (400 kV)	0.00%	99.02%	0.00%	0.00%	422	398	411
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	405
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	402
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	390	402
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	422	395	407
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	405
	12 Palatana (400 kV)	0.00%	99.99%	0.00%	0.01%	416	398	405
	13 PK Beni	0.00%	100.00%	0.00%	0.00%	418	392	403
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	420	395	408
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	421	399	408
	16 Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	415	391	402

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