

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
13-May-2024 to 19-May-2024

Date: 24-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	14	3.50	2.08

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 13-May-2024 to 19-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%	792	743	771
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	792	743	771
	3	Ajmer	0.00%	99.43%	0.57%	0.00%	804	755	781
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	796	747	774
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	761	768
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	758	765
	7	Anta	0.00%	100.00%	0.00%	0.00%	790	749	777
	9	Bara	0.00%	100.00%	0.00%	0.00%	791	756	766
	10	Barilly	0.00%	99.59%	0.41%	0.00%	802	750	775
	11	Bhadia	0.00%	100.00%	0.00%	0.00%	790	753	777
	12	Bhadia II	0.00%	99.90%	0.10%	0.00%	806	755	780
	13	Bhivani	0.00%	100.00%	0.00%	0.00%	798	753	778
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	792	752	779
	15	Chittorgarh	0.00%	99.67%	0.33%	0.00%	803	760	782
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	791	750	777
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	756	777
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	752	777
	19	Hapur	0.00%	100.00%	0.00%	0.00%	795	746	772
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	789	746	771
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	786	750	769
	22	Khetri	0.00%	100.00%	0.00%	0.00%	795	745	773
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	795	744	774
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	774	743	756
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	790	747	767
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	786	742	764
	27	Meerut	0.00%	99.97%	0.03%	0.00%	801	748	779
	28	Moga	0.00%	100.00%	0.00%	0.00%	800	750	778
	29	Orai	0.00%	99.84%	0.16%	0.00%	802	764	784
	30	Phagi	0.00%	100.00%	0.00%	0.00%	798	743	778
	31	Unnao	0.00%	100.00%	0.00%	0.00%	774	740	758
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	785	745	773
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	794	759
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	796	764	783
3		Banaskantha	0.00%	100.00%	0.00%	0.00%	798	758	781
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	742	769
5		Bhuj	0.00%	100.00%	0.00%	0.00%	792	753	774
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	782	750	768
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	771	752	760
8		Bina	0.00%	100.00%	0.00%	0.00%	792	764	780
9		Champa	0.00%	99.92%	0.08%	0.00%	801	770	785
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	760	770
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	755	773
12		Ektuni	0.00%	100.00%	0.00%	0.00%	794	754	772
13		Gadawara	0.00%	100.00%	0.00%	0.00%	798	779	788
14		Gwalior	0.00%	100.00%	0.00%	0.00%	798	761	780
15		Indore	0.00%	100.00%	0.00%	0.00%	781	753	768
16		Jabalpur	0.00%	99.97%	0.03%	0.00%	800	775	789
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	783	754	769
18		Koradi	0.00%	100.00%	0.00%	0.00%	783	754	766
19		Lakadia	0.00%	100.00%	0.00%	0.00%	799	762	779
20		New Parli	0.00%	98.12%	1.88%	1.88%	805	770	790
21		Padghe	0.00%	100.00%	0.00%	0.00%	797	751	777
22		Pune	0.00%	99.96%	0.04%	0.04%	802	751	778
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	791	774	783
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	790	773	782
25		Rajnandgaon	0.00%	99.47%	0.53%	0.00%	804	728	791
26		Sasan	0.00%	100.00%	0.00%	0.00%	784	767	776
27		Satna	0.00%	100.00%	0.00%	0.00%	793	771	783
28		Seoni	0.00%	100.00%	0.00%	0.00%	786	763	774
29		Sipat	0.00%	100.00%	0.00%	0.00%	773	755	762
30		Solapur	0.00%	97.70%	2.30%	2.30%	805	772	790
31		Tamner	0.00%	100.00%	0.00%	0.00%	791	776	784
32		Tirora	0.00%	100.00%	0.00%	0.00%	782	755	765
33		Vadodara	0.00%	99.20%	0.80%	0.80%	804	746	772
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	787	769	779
35		Wardha	0.00%	99.90%	0.10%	0.10%	801	773	787
36		Warora	0.00%	99.93%	0.07%	0.07%	801	773	788
SR	1	Chilakaluripeta	0.00%	99.67%	0.33%	0.33%	801	765	786
	2	Cuddapah	0.00%	88.83%	11.17%	11.17%	808	761	786
	3	Kurnool	0.00%	92.53%	7.47%	7.47%	804	763	787
	4	Maheshwaram	0.00%	82.87%	17.13%	17.13%	809	768	792
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	761	779
	6	Nizamabad	0.00%	77.36%	22.64%	22.64%	813	776	795
	7	Raichur	0.00%	98.44%	1.56%	1.56%	802	764	786
	8	Srikakulam	0.00%	99.05%	0.95%	0.95%	802	770	787
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	798	753	779
	10	Vemagiri	0.00%	97.35%	2.65%	2.65%	804	773	790
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	784	760	774
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	788	771	780
	3	Gaya	0.00%	100.00%	0.00%	0.00%	777	751	764
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	777	788
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	800	752	775
	6	New Jeerat	0.00%	99.95%	0.05%	0.05%	801	745	772
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	796	764	781
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	779	754	767
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	399	404
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	392	402
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	405
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	405
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	407
	6	Byrihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	394	410
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	404
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	403
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	402
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	408
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	390	405
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	413	397	403
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	405
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	406
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	393	401

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