

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
20-May-2024 to 26-May-2024

Date: 31-May-2024

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	93	23.25	13.84
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	51	12.75	7.59
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	6	1.50	0.89
4	ER-NER	18	4.50	2.68

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 20-May-2024 to 26-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%	800	745	771
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	800	745	771
	3	Ajmer	0.00%	99.78%	0.22%	0.00%	801	746	778
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	794	745	772
	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%	770	758	764
	7	Anta	0.00%	100.00%	0.00%	0.00%	795	748	777
	9	Bara	0.00%	100.00%	0.00%	0.00%	776	757	766
	10	Barilly	0.00%	100.00%	0.00%	0.00%	791	751	770
	11	Bhadsa	0.00%	100.00%	0.00%	0.00%	791	734	775
	12	Bhadia II	0.00%	100.00%	0.00%	0.00%	796	740	779
	13	Bhivani	0.00%	99.85%	0.05%	0.05%	800	751	777
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	794	745	777
	15	Chittorgarh	0.00%	99.90%	0.10%	0.10%	801	760	779
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	797	742	777
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	756	777
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	749	775
	19	Hapur	0.00%	100.00%	0.00%	0.00%	794	739	768
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	794	743	767
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	784	744	766
	22	Khetri	0.00%	100.00%	0.00%	0.00%	798	744	771
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	800	740	771
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	776	742	757
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	785	747	769
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	783	741	761
	27	Meerut	0.00%	100.00%	0.00%	0.00%	799	744	774
	28	Moga	0.00%	100.00%	0.00%	0.00%	799	750	776
	29	Orai	0.00%	99.99%	0.01%	0.01%	800	754	782
	30	Phagi	0.00%	99.99%	0.01%	0.01%	800	748	778
	31	Unnao	0.00%	100.00%	0.00%	0.00%	772	743	757
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	785	756	772
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	796	755
2		Aurangabad	0.00%	99.91%	0.09%	0.09%	801	764	783
3		Banaskantha	0.00%	100.00%	0.00%	0.00%	796	758	779
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	755	769
5		Bhuj	0.00%	100.00%	0.00%	0.00%	791	750	775
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	779	745	765
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	770	748	761
8		Bina	0.00%	100.00%	0.00%	0.00%	793	758	779
9		Champa	0.00%	99.55%	0.45%	0.45%	805	766	784
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	756	772
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	760	776
12		Ektuni	0.00%	100.00%	0.00%	0.00%	797	748	771
13		Gadawara	0.00%	99.85%	0.15%	0.15%	801	776	799
14		Gwalior	0.00%	100.00%	0.00%	0.00%	797	747	779
15		Indore	0.00%	100.00%	0.00%	0.00%	783	756	769
16		Jabalpur	0.00%	99.91%	0.09%	0.09%	801	759	789
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	785	758	772
18		Koradi	0.00%	100.00%	0.00%	0.00%	781	753	764
19		Lakadia	0.00%	100.00%	0.00%	0.00%	795	756	780
20		New Parli	0.00%	96.42%	3.58%	3.58%	806	775	790
21		Padghe	0.00%	99.50%	0.50%	0.50%	806	751	778
22		Pune	0.00%	99.25%	0.75%	0.75%	804	745	776
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	772	783
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	770	782
25		Rajnandgaon	0.00%	96.80%	3.20%	3.20%	805	778	792
26		Sasan	0.00%	100.00%	0.00%	0.00%	786	765	775
27		Satna	0.00%	100.00%	0.00%	0.00%	795	767	782
28		Seoni	0.00%	100.00%	0.00%	0.00%	790	757	775
29		Sipat	0.00%	100.00%	0.00%	0.00%	771	749	763
30		Solapur	0.00%	95.86%	4.14%	4.14%	805	774	790
31		Tamner	0.00%	100.00%	0.00%	0.00%	799	773	784
32		Tirora	0.00%	100.00%	0.00%	0.00%	777	754	764
33		Vadodara	0.00%	100.00%	0.00%	0.00%	796	747	777
34		Vindhychal PS	0.00%	100.00%	0.00%	0.00%	789	767	779
35		Wardha	0.00%	98.91%	1.09%	1.09%	803	772	788
36		Warora	0.00%	98.75%	1.25%	1.25%	803	780	790
SR	1	Chilakaluripeta	0.00%	100.00%	0.00%	0.00%	797	765	783
	2	Cuddapah	0.00%	100.00%	0.00%	0.00%	796	762	780
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	791	755	778
	4	Maheshwaram	0.00%	100.00%	0.00%	0.00%	798	772	786
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	758	771
	6	Nizamabad	0.00%	96.66%	3.34%	3.34%	803	778	792
	7	Raichur	0.00%	100.00%	0.00%	0.00%	794	755	780
	8	Srikakulam	0.00%	96.59%	3.41%	3.41%	805	775	789
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	788	744	765
	10	Vemagiri	0.00%	99.99%	0.01%	0.01%	801	776	789
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	791	763	776
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	794	774	783
	3	Gaya	0.00%	100.00%	0.00%	0.00%	781	753	769
	4	Jharsuguda	0.00%	99.47%	0.53%	0.53%	803	780	791
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	797	747	772
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	795	746	769
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	796	757	781
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	784	752	770
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	411	397	403
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	402
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	406
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	405
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	407
	6	Byrihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	408
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	403
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	391	402
	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	395	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	389	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	413	393	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	406
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	406
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	413	392	401

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