

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
27-May-2024 to 02-Jun-2024

Date: 7-Jun-2024

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	114	28.50	16.96
2	ER-NR	0	0.00	0.00
3	Import of NR	11	2.75	1.64
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	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 27-May-2024 to 02-Jun-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 IECG band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	1	Agra	0.00%	99.96%	0.04%	0.04%	801	743	770
	2	Agra (Fatehabad)	0.00%	99.96%	0.04%	0.04%	801	743	770
	3	Ajmer	0.00%	99.64%	0.36%	0.36%	801	750	779
	4	Aligarh	0.00%	99.90%	0.10%	0.10%	805	744	770
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	759	767
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	756	764
	7	Anta	0.00%	100.00%	0.00%	0.00%	795	757	776
	9	Bara	0.00%	100.00%	0.00%	0.00%	780	754	764
	10	Bareilly	0.00%	99.38%	0.62%	0.62%	806	748	774
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	798	735	772
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	795	740	777
	13	Bhwani	0.00%	99.46%	0.54%	0.54%	806	747	777
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	795	731	775
	15	Chittorgarh	0.00%	99.51%	0.49%	0.49%	804	763	784
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	790	753	774
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	800	755	776
	18	Greater Noida	0.00%	99.57%	0.43%	0.43%	809	748	773
	19	Hapur	0.00%	99.82%	0.18%	0.18%	805	743	767
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	796	739	767
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	746	767
	22	Khetri	0.00%	100.00%	0.00%	0.00%	796	732	769
	23	Koteshwar	0.00%	99.78%	0.22%	0.22%	804	739	773
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	775	733	756
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	794	742	770
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	794	735	761
	27	Meerut	0.00%	99.45%	0.55%	0.55%	805	740	774
	28	Moga	0.00%	99.95%	0.05%	0.05%	801	736	774
	29	Orai	0.00%	99.36%	0.64%	0.64%	805	755	780
	30	Phagi	0.00%	100.00%	0.00%	0.00%	799	741	776
	31	Ummao	0.00%	100.00%	0.00%	0.00%	778	742	760
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	789	758	773
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	797	761
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	799	768	785
3		Barnaskantha	0.00%	99.28%	0.72%	0.72%	802	754	782
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	760	770
5		Bhuj	0.00%	99.89%	0.11%	0.11%	800	749	778
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	793	739	771
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	778	760	768
8		Bina	0.00%	100.00%	0.00%	0.00%	797	765	779
9		Champa	0.00%	99.72%	1.28%	1.28%	807	770	786
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	759	770
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	764	778
12		Ektuni	0.00%	100.00%	0.00%	0.00%	794	753	776
13		Gadarwara	0.00%	99.98%	0.02%	0.02%	800	778	788
14		Gwalior	0.00%	99.53%	0.47%	0.47%	801	754	779
15		Indore	0.00%	100.00%	0.00%	0.00%	784	760	771
16		Jabalpur	0.00%	99.86%	0.14%	0.14%	801	773	787
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	785	762	773
18		Koradi	0.00%	100.00%	0.00%	0.00%	782	757	769
19		Lakadia	0.00%	96.35%	3.65%	3.65%	805	758	784
20		New Parli	0.00%	93.29%	6.71%	6.71%	804	774	792
21		Padghe	0.00%	99.95%	0.05%	0.05%	801	754	781
22		Pune	0.00%	99.57%	0.43%	0.43%	802	743	777
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	772	784
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	772	782
25		Rajinandgaon	0.00%	99.79%	0.21%	0.21%	802	779	791
26		Sasan	0.00%	100.00%	0.00%	0.00%	788	767	776
27		Satna	0.00%	100.00%	0.00%	0.00%	799	767	783
28		Seoni	0.00%	100.00%	0.00%	0.00%	792	767	780
29		Sipat	0.00%	100.00%	0.00%	0.00%	777	762	770
30		Solapur	0.00%	94.23%	5.77%	5.77%	805	774	791
31		Tamnar	0.00%	100.00%	0.00%	0.00%	794	775	784
32		Tirora	0.00%	100.00%	0.00%	0.00%	778	753	766
33		Vadodara	0.00%	100.00%	0.00%	0.00%	800	763	784
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	791	769	780
35		Wardha	0.00%	99.87%	0.13%	0.13%	802	775	790
36		Warora	0.00%	99.91%	0.09%	0.09%	801	774	789
SR	1	Chalakuripeta	0.00%	100.00%	0.00%	0.00%	798	764	782
	2	Cuddapah	0.00%	95.77%	4.23%	4.23%	803	757	784
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	798	756	780
	4	Maheshwaram	0.00%	99.99%	0.01%	0.01%	800	768	786
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	788	757	774
	6	Nizamabad	0.00%	89.98%	10.02%	10.02%	805	776	793
	7	Raichur	0.00%	100.00%	0.00%	0.00%	798	757	781
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	799	768	786
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	796	748	775
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	800	768	786
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	783	762	773
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	788	760	781
	3	Gaya	0.00%	100.00%	0.00%	0.00%	784	753	771
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	780	789
	5	Medinipur	0.00%	99.88%	0.12%	0.12%	804	743	771
	6	New Jeerat	0.00%	99.98%	0.02%	0.02%	801	737	766
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	796	755	780
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	781	753	768
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	405
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	392	399
	3	Biswanath Charaii (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	402
	4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	405
	5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	406
	6	Byrnihat/Killing (400 kV)	0.01%	99.99%	0.00%	0.01%	415	396	408
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	402
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	401
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	401
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	404
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	404
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	405
	13	PK Bari	0.01%	99.99%	0.00%	0.01%	408	392	401
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	404
	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%	407	391	400

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