

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
17-Jun-2024 to 23-Jun-2024

Date: 28-Jun-2024

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	84	21.00	12.50
2	ER-NR	0	0.00	0.00
3	Import of NR	142	35.50	21.13
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	20	5.00	2.98
2	ER-NR	14	3.50	2.08
3	Import of NR	18	4.50	2.68
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 17-Jun-2024 to 23-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	0.03%	99.94%	0.03%	0.06%	804	727	772
	2	Agra (Fatehabad)	0.03%	99.94%	0.03%	0.06%	804	727	772
	3	Ajmer	0.01%	99.51%	0.48%	0.49%	810	706	780
	4	Aligarh	0.09%	99.88%	0.03%	0.12%	816	723	769
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	761	767
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	773	758	765
	7	Anta	0.01%	99.98%	0.01%	0.02%	801	703	775
	9	Bara	0.00%	100.00%	0.00%	0.00%	782	751	766
	10	Bareilly	0.01%	99.57%	0.42%	0.43%	813	711	767
	11	Bhadla	0.06%	99.94%	0.00%	0.06%	797	674	773
	12	Bhadla II	0.03%	99.97%	0.00%	0.03%	798	722	778
	13	Bhwani	0.17%	99.80%	0.03%	0.20%	817	717	773
	14	Bikaner	0.02%	99.97%	0.01%	0.03%	806	721	775
	15	Chittorgarh	0.00%	99.14%	0.86%	0.86%	804	759	784
	16	Fatehgarh II	0.02%	99.98%	0.00%	0.02%	798	723	775
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	796	746	771
	18	Greater Noida	0.10%	99.52%	0.38%	0.48%	811	723	774
	19	Hapur	0.15%	99.60%	0.25%	0.40%	810	717	768
	20	Jhatkara	0.31%	99.67%	0.02%	0.33%	808	706	765
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	796	757	770
	22	Khetri	0.68%	99.29%	0.03%	0.71%	803	704	768
	23	Koteshwar	0.16%	99.49%	0.35%	0.51%	810	717	774
	24	Lalitpur	0.02%	99.98%	0.00%	0.02%	782	727	758
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	798	742	763
	26	Mainpuri	0.13%	99.87%	0.00%	0.13%	795	720	765
	27	Meerut	0.18%	99.44%	0.38%	0.56%	808	712	772
	28	Moga	0.38%	99.59%	0.03%	0.41%	815	704	774
	29	Orai	0.00%	99.99%	0.01%	0.01%	822	744	778
	30	Phagi	0.02%	99.91%	0.07%	0.09%	813	661	775
	31	Ummao	0.00%	100.00%	0.00%	0.00%	778	739	757
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	790	753	773
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	789	752
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	794	757	779
3		Barasankha	0.00%	100.00%	0.00%	0.00%	798	755	783
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	751	773
5		Bhuj	0.00%	100.00%	0.00%	0.00%	793	754	779
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	784	744	770
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	779	758	767
8		Bina	0.00%	100.00%	0.00%	0.00%	793	752	777
9		Champa	0.00%	99.92%	0.08%	0.08%	804	757	779
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	758	768
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	760	778
12		Ektuni	0.00%	100.00%	0.00%	0.00%	791	747	774
13		Gadarwara	0.00%	100.00%	0.00%	0.00%	799	771	787
14		Gwalior	0.00%	99.90%	0.10%	0.10%	802	747	777
15		Indore	0.00%	100.00%	0.00%	0.00%	788	752	773
16		Jabalpur	0.00%	100.00%	0.00%	0.00%	799	766	786
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	785	757	775
18		Koradi	0.00%	100.00%	0.00%	0.00%	781	753	769
19		Lakadla	0.00%	100.00%	0.00%	0.00%	800	762	786
20		New Parli	0.00%	94.73%	5.27%	5.27%	804	765	790
21		Padghe	0.00%	100.00%	0.00%	0.00%	798	757	779
22		Pune	0.00%	99.56%	0.44%	0.44%	802	746	778
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	791	770	779
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	790	769	778
25		Rajinandgaon	0.00%	100.00%	0.00%	0.00%	800	746	785
26		Sasan	0.00%	100.00%	0.00%	0.00%	787	762	776
27		Satna	0.00%	100.00%	0.00%	0.00%	796	755	782
28		Seoni	0.00%	100.00%	0.00%	0.00%	793	765	778
29		Sipat	0.00%	100.00%	0.00%	0.00%	779	759	768
30		Solapur	0.00%	95.23%	4.77%	4.77%	805	768	789
31		Tamnar	0.00%	100.00%	0.00%	0.00%	790	771	780
32		Tirora	0.00%	100.00%	0.00%	0.00%	777	754	767
33		Vadodara	0.00%	99.54%	0.46%	0.46%	801	765	786
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	766	779
35		Wardha	0.00%	100.00%	0.00%	0.00%	796	764	781
36		Warora	0.00%	100.00%	0.00%	0.00%	799	764	786
SR	1	Chalakuripeta	0.00%	100.00%	0.00%	0.00%	799	764	785
	2	Cuddapah	0.00%	93.72%	6.28%	6.28%	804	768	788
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	796	757	779
	4	Maheshwaram	0.00%	99.90%	0.10%	0.10%	802	768	785
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	756	772
	6	Nizamabad	0.00%	98.15%	1.85%	1.85%	804	770	789
	7	Raichur	0.00%	100.00%	0.00%	0.00%	797	760	780
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	794	757	778
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	792	750	773
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	790	758	776
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	778	754	769
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	786	771	778
	3	Gaya	0.00%	100.00%	0.00%	0.00%	789	757	772
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	776	786
	5	Medinipur	0.00%	99.99%	0.01%	0.01%	800	746	772
	6	New Jeerat	0.00%	99.87%	0.13%	0.13%	801	740	769
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	794	757	779
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	784	749	766
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	406
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	395	402
	3	Biswanath Charaii (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	406
	4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	406
	5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	408
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	417	404	411
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	404
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	410	396	403
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	402
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	406
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	407
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	412	393	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	406
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	408
	16	Surajmani Nagar (Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	402

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