

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
02-Sep-2024 to 08-Sep-2024

Date: 13-Sep-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 02-Sep-2024 to 08-Sep-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%	795	751	776
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	795	751	776
	3 Ajmer	0.00%	98.99%	1.01%	1.01%	802	753	787
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	793	739	768
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	782	760	770
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	780	758	768
	7 Anta	0.00%	100.00%	0.00%	0.00%	790	766	780
	9 Bara	0.00%	100.00%	0.00%	0.00%	778	754	767
	10 Bareilly	0.00%	100.00%	0.00%	0.00%	798	742	775
	11 Bhadla	0.02%	99.94%	0.04%	0.06%	809	725	781
	12 Bhadla II	0.01%	99.97%	0.02%	0.03%	806	727	784
	13 Bhiwani	0.00%	100.00%	0.00%	0.00%	798	744	782
	14 Bikaner	0.01%	99.99%	0.00%	0.01%	800	722	783
	15 Chittorgarh	0.00%	99.34%	0.66%	0.66%	805	764	786
	16 Fatehgarh II	0.06%	99.94%	0.00%	0.06%	798	713	779
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	788	737	770
	18 Greater Noida	0.00%	100.00%	0.00%	0.00%	797	744	775
	19 Hapur	0.00%	100.00%	0.00%	0.00%	791	736	770
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	793	746	773
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	788	742	769
	22 Khetri	0.00%	100.00%	0.00%	0.00%	797	742	779
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	788	738	770
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	773	748	762
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	795	738	771
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	779	731	761
	27 Meerut	0.00%	100.00%	0.00%	0.00%	794	742	776
	28 Moga	0.00%	100.00%	0.00%	0.00%	797	747	782
	29 Orai	0.00%	100.00%	0.00%	0.00%	799	752	782
	30 Phagi	0.00%	100.00%	0.00%	0.00%	799	760	784
	31 Unnao	0.00%	100.00%	0.00%	0.00%	796	735	763
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	788	753	774
	WR	1 Akola	0.00%	100.00%	0.00%	0.00%	790	752
2 Aurangabad		0.00%	99.65%	0.35%	0.35%	803	754	780
3 Banaskantha		0.00%	97.40%	2.60%	2.60%	808	768	786
4 Bhopal (BDTCL)		0.00%	100.00%	0.00%	0.00%	788	753	771
5 Bhuj		0.00%	100.00%	0.00%	0.00%	800	757	780
6 Bhuj II		0.00%	100.00%	0.00%	0.00%	795	754	774
7 Bilaspur		0.00%	100.00%	0.00%	0.00%	785	761	772
8 Bina		0.00%	100.00%	0.00%	0.00%	792	752	776
9 Champa		0.00%	99.99%	0.01%	0.01%	800	771	788
10 Dharamjaigarh		0.00%	100.00%	0.00%	0.00%	780	753	769
11 Dhule (BDTCL)		0.00%	100.00%	0.00%	0.00%	791	757	775
12 Ektuni		0.00%	100.00%	0.00%	0.00%	787	750	772
13 Gadawara		0.00%	98.95%	1.05%	1.05%	803	772	787
14 Gwalior		0.00%	100.00%	0.00%	0.00%	796	752	780
15 Indore		0.00%	100.00%	0.00%	0.00%	786	750	769
16 Jabalpur		0.00%	99.93%	0.07%	0.07%	801	764	785
17 Khandwa PS		0.00%	100.00%	0.00%	0.00%	788	756	772
18 Koradi		0.00%	100.00%	0.00%	0.00%	776	740	764
19 Lakadia		0.00%	97.99%	2.01%	2.01%	806	764	783
20 New Parli		0.00%	98.10%	1.90%	1.90%	806	770	788
21 Padghe		0.00%	98.05%	1.95%	1.95%	809	752	777
22 Pune		0.00%	97.96%	2.04%	2.04%	809	751	778
23 Raigarh Pooling		0.00%	100.00%	0.00%	0.00%	793	760	782
24 Raipur Pooling		0.00%	100.00%	0.00%	0.00%	791	760	780
25 Rajnandgaon		0.00%	99.44%	0.56%	0.56%	803	776	789
26 Sasan		0.00%	100.00%	0.00%	0.00%	792	763	779
27 Satna		0.00%	99.17%	0.83%	0.83%	800	765	786
28 Seoni		0.00%	99.98%	0.02%	0.02%	801	763	783
29 Sipat		0.00%	100.00%	0.00%	0.00%	784	764	774
30 Solapur		0.00%	98.30%	1.70%	1.70%	806	765	785
31 Tamnar		0.00%	100.00%	0.00%	0.00%	792	772	781
32 Tirora		0.00%	100.00%	0.00%	0.00%	769	747	759
33 Vadodara		0.00%	100.00%	0.00%	0.00%	790	755	774
34 Vindhychal PS		0.00%	100.00%	0.00%	0.00%	796	767	782
35 Wardha		0.00%	96.11%	3.89%	3.89%	808	768	789
36 Warora		0.00%	98.93%	1.07%	1.07%	803	773	789
SR	1 Chillakaluripta	0.00%	100.00%	0.00%	0.00%	793	761	778
	2 Cuddapah	0.00%	92.75%	7.25%	7.25%	811	759	786
	3 Kurnool	0.00%	98.17%	1.83%	1.83%	804	754	782
	4 Maheshwaram	0.00%	93.41%	6.59%	6.59%	805	761	788
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	798	755	777
	6 Nizamabad	0.00%	68.95%	31.05%	31.05%	809	780	796
	7 Raichur	0.00%	99.12%	0.88%	0.88%	803	752	781
	8 Srikakulam	0.00%	96.68%	3.32%	3.32%	803	771	787
	9 Thiruvalam	0.00%	98.27%	1.73%	1.73%	800	747	772
	10 Vemagiri	0.00%	100.00%	0.00%	0.00%	797	767	783
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	791	760	774
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	784	766	775
	3 Gaya	0.00%	100.00%	0.00%	0.00%	786	753	772
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	771	783
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	791	745	767
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	793	736	763
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	794	760	776
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	779	741	765
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407
	2 Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	394	403
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	407
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	407
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	409
	6 Byrnihat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	406	413
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405
	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%	412	396	405
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	406
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	406
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	407
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	411	394	402
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	407
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	408
	16 Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	411	395	403

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