

**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-Nov-2023 to 19-Nov-2023**

Date: 24-Nov-2023

**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	1	0.25	0.15
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 13-Nov-2023 to 19-Nov-2023**

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%	797	748	780
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	797	748	780
	3 Ajmer	0.00%	99.58%	0.42%	0.00%	801	753	778
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	793	743	773
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	778	760	769
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	777	758	768
	7 Anta	0.00%	100.00%	0.00%	0.00%	792	745	778
	9 Bara	0.00%	100.00%	0.00%	0.00%	784	760	772
	10 Bareilly	0.00%	99.98%	0.02%	0.00%	800	741	778
	11 Bhadra	0.00%	100.00%	0.00%	0.00%	791	749	772
	12 Bhadra II	0.00%	100.00%	0.00%	0.00%	796	749	775
	13 Bhowani	0.00%	99.40%	0.60%	0.00%	803	761	784
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	794	751	775
	15 Chittoargarh	0.00%	99.98%	0.02%	0.00%	801	750	779
	16 Fatehgarh II	0.00%	100.00%	0.00%	0.00%	789	746	773
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	793	740	767
	18 Greater Noida	0.00%	100.00%	0.00%	0.00%	799	751	782
	19 Hapur	0.00%	100.00%	0.00%	0.00%	798	747	781
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	797	754	779
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	788	746	771
	22 Khetri	0.00%	100.00%	0.00%	0.00%	798	757	780
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	799	752	776
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	776	734	758
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	794	744	771
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	787	753	760
	27 Meerut	0.00%	99.25%	0.75%	0.00%	804	754	782
	28 Meoga	0.00%	99.83%	0.17%	0.00%	803	739	771
	29 Orai	0.00%	100.00%	0.00%	0.00%	800	756	783
	30 Phagi	0.00%	100.00%	0.00%	0.00%	798	755	778
	31 Unnao	0.00%	100.00%	0.00%	0.00%	784	741	765
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	787	756	775
	WR	1 Akola	0.00%	100.00%	0.00%	0.00%	786	752
2 Aurangabad		0.00%	100.00%	0.00%	0.00%	794	748	776
3 Banaskantha		0.00%	99.95%	0.05%	0.00%	801	763	784
4 Bhopal (BDTCL)		0.00%	100.00%	0.00%	0.00%	789	742	770
5 Bhuj		0.00%	100.00%	0.00%	0.00%	789	756	776
6 Bhuj II		0.00%	100.00%	0.00%	0.00%	785	755	771
7 Bilaspur		0.00%	100.00%	0.00%	0.00%	787	758	773
8 Bina		0.00%	100.00%	0.00%	0.00%	795	753	777
9 Champa		0.00%	97.41%	2.59%	2.59%	805	772	788
10 Dharamjaigarh		0.00%	100.00%	0.00%	0.00%	790	765	777
11 Dhule (BDTCL)		0.00%	100.00%	0.00%	0.00%	797	745	774
12 Ektuni		0.00%	100.00%	0.00%	0.00%	788	744	769
13 Gadawara		0.00%	100.00%	0.00%	0.00%	799	768	785
14 Gwalior		0.00%	100.00%	0.00%	0.00%	798	753	780
15 Indore		0.00%	100.00%	0.00%	0.00%	797	741	771
16 Jabalpur		0.00%	99.63%	0.37%	0.37%	802	763	785
17 Khandwa PS		0.00%	100.00%	0.00%	0.00%	798	746	773
18 Koradi		0.00%	100.00%	0.00%	0.00%	788	754	768
19 Lakadia		0.00%	99.96%	0.04%	0.00%	801	764	783
20 New Parli		0.00%	99.33%	0.67%	0.67%	802	759	784
21 Padghe		0.00%	99.38%	0.63%	0.63%	802	740	782
22 Pune		0.00%	99.57%	0.43%	0.43%	802	737	779
23 Raigarh Pooling		0.00%	100.00%	0.00%	0.00%	798	773	785
24 Raipur Pooling		0.00%	100.00%	0.00%	0.00%	797	771	783
25 Rajnandgaon		0.00%	97.04%	2.96%	2.96%	804	766	787
26 Sasan		0.00%	100.00%	0.00%	0.00%	789	762	777
27 Satna		0.00%	100.00%	0.00%	0.00%	797	764	781
28 Seoni		0.00%	100.00%	0.00%	0.00%	793	754	775
29 Sipat		0.00%	100.00%	0.00%	0.00%	787	761	774
30 Solapur		0.00%	97.92%	2.08%	2.08%	804	760	785
31 Tamnar		0.00%	100.00%	0.00%	0.00%	796	772	783
32 Tirora		0.00%	100.00%	0.00%	0.00%	771	750	762
33 Vadodara		0.00%	99.91%	0.09%	0.09%	803	745	780
34 Vindhychal PS		0.00%	100.00%	0.00%	0.00%	792	767	780
35 Wardha		0.00%	100.00%	0.00%	0.00%	795	755	778
36 Warora		0.00%	99.92%	0.08%	0.08%	801	764	784
SR	1 Chalkaluripta	0.00%	91.75%	8.25%	8.25%	806	762	784
	2 Cuddapah	0.00%	98.58%	1.42%	1.42%	804	757	781
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	793	750	773
	4 Maheshwaram	0.00%	77.75%	22.25%	22.25%	813	766	790
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	792	751	772
	6 Nizamabad	0.00%	76.22%	23.78%	23.78%	813	771	792
	7 Raichur	0.00%	100.00%	0.00%	0.00%	799	754	778
	8 Srikakulam	0.00%	95.54%	4.46%	4.46%	805	757	783
	9 Thiruvalam	0.00%	100.00%	0.00%	0.00%	791	745	765
	10 Vemagiri	0.00%	87.18%	12.82%	12.82%	808	762	787
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	787	753	771
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	785	766	776
	3 Gaya	0.00%	100.00%	0.00%	0.00%	785	753	771
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	772	785
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	783	752	769
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	778	738	758
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	794	766	781
	8 Sasaram	0.00%	94.93%	5.07%	5.07%	803	743	765
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	406
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	403
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	409
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	409
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	411
	6 Byrihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	421	400	410
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	407
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	404
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	404
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	420	396	407
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	407
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	408
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	412	398	406
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	422	401	411
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	410
	16 Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	398	404

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