

**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**  
**23-Sep-2024 to 29-Sep-2024**

Date: 4-Oct-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	71	17.75	10.57
3	Import of NR	12	3.00	1.79
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	27	6.75	4.02
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 23-Sep-2024 to 29-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 IECG band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	1	Agra	0.00%	100.00%	0.00%	0.00%	796	745	775
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	796	745	775
	3	Ajmer	0.00%	99.04%	0.96%	0.00%	803	749	783
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	796	747	777
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	758	771
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	750	768
	7	Anta	0.00%	100.00%	0.00%	0.00%	796	763	780
	9	Bara	0.00%	100.00%	0.00%	0.00%	780	758	768
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	797	752	776
	11	Bhadla	0.01%	99.98%	0.01%	0.02%	803	731	777
	12	Bhadla II	0.00%	99.99%	0.01%	0.01%	801	734	781
	13	Bhwani	0.00%	100.00%	0.00%	0.00%	799	746	781
	14	Bikaner	0.01%	99.99%	0.00%	0.01%	797	726	780
	15	Chittorgarh	0.00%	99.38%	0.62%	0.00%	802	756	784
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	799	731	778
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	757	778
	18	Greater Noida	0.00%	99.86%	0.14%	0.00%	801	747	780
	19	Hapur	0.00%	100.00%	0.00%	0.00%	800	741	777
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	795	738	775
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	751	772
	22	Khetri	0.00%	100.00%	0.00%	0.00%	798	735	779
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	800	739	775
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	772	742	760
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	795	751	773
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	789	740	771
	27	Meerut	0.00%	99.32%	0.68%	0.00%	806	741	780
	28	Moga	0.00%	99.80%	0.20%	0.00%	801	733	781
	29	Orai	0.00%	99.99%	0.01%	0.01%	800	761	783
	30	Phagi	0.00%	100.00%	0.00%	0.00%	798	750	781
	31	Ummao	0.00%	100.00%	0.00%	0.00%	787	748	766
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	791	756	775
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	789	755
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	795	758	778
3		Barnaskantha	0.00%	99.99%	0.01%	0.01%	800	758	780
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	754	772
5		Bhui	0.00%	100.00%	0.00%	0.00%	800	750	780
6		Bhui II	0.00%	100.00%	0.00%	0.00%	789	753	776
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	786	760	773
8		Bina	0.00%	100.00%	0.00%	0.00%	790	756	773
9		Champa	0.00%	97.81%	2.19%	2.19%	805	767	787
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	766	776
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	756	774
12		Ektuni	0.00%	100.00%	0.00%	0.00%	790	754	772
13		Gadarwara	0.00%	99.80%	0.20%	0.00%	801	770	786
14		Gwalior	0.00%	100.00%	0.00%	0.00%	798	759	779
15		Indore	0.00%	100.00%	0.00%	0.00%	786	749	769
16		Jabalpur	0.00%	99.65%	0.35%	0.00%	801	768	785
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	788	754	771
18		Koradi	0.00%	100.00%	0.00%	0.00%	777	754	765
19		Lakadia	0.00%	99.03%	0.97%	0.00%	801	760	787
20		New Parli	0.00%	98.70%	1.30%	1.30%	802	769	787
21		Padghe	0.00%	99.72%	0.28%	0.00%	804	752	777
22		Pune	0.00%	99.65%	0.35%	0.35%	802	751	778
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	775	785
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	774	783
25		Rajinandgaon	0.00%	99.39%	0.61%	0.00%	805	731	788
26		Sasan	0.00%	100.00%	0.00%	0.00%	791	765	778
27		Satna	0.00%	100.00%	0.00%	0.00%	800	769	784
28		Seoni	0.00%	100.00%	0.00%	0.00%	797	763	780
29		Sipat	0.00%	100.00%	0.00%	0.00%	786	763	774
30		Solapur	0.00%	98.60%	1.40%	1.40%	803	767	785
31		Tamnar	0.00%	100.00%	0.00%	0.00%	794	773	782
32		Tirora	0.00%	100.00%	0.00%	0.00%	773	755	763
33		Vadodara	0.00%	100.00%	0.00%	0.00%	796	751	775
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	767	781
35		Wardha	0.00%	99.61%	0.39%	0.00%	803	761	786
36		Warora	0.00%	99.59%	0.41%	0.00%	803	763	787
SR	1	Chalakuripeta	0.00%	100.00%	0.00%	0.00%	789	744	774
	2	Cuddapah	0.00%	96.98%	3.02%	0.00%	804	763	784
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	799	762	783
	4	Maheshwaram	0.00%	98.70%	1.30%	0.00%	803	767	787
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	758	777
	6	Nizamabad	0.00%	93.34%	6.66%	6.66%	804	759	790
	7	Raichur	0.00%	100.00%	0.00%	0.00%	797	762	782
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	796	747	782
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	786	749	771
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	798	742	777
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	783	750	772
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	788	765	778
	3	Gaya	0.00%	100.00%	0.00%	0.00%	788	753	771
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	772	787
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	789	749	768
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	793	738	761
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	792	757	780
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	786	754	770
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	405
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	394	401
	3	Biswanath Charai (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	404
	4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	406
	5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	409
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	421	400	412
	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%	412	391	403
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	402
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	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%	412	402	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	410	395	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	405
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	407
	16	Surajmani Nagar (Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	402

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