

**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**  
**14-Oct-2024 to 20-Oct-2024**

Date: 25-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	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 14-Oct-2024 to 20-Oct-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%	790	751	774
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	790	751	774
	3	Ajmer	0.00%	99.76%	0.24%	0.00%	800	744	783
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	790	753	775
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	765	772
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	763	771
	7	Anta	0.00%	99.20%	0.80%	0.00%	802	768	782
	9	Bara	0.00%	100.00%	0.00%	0.00%	779	757	767
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	794	754	775
	11	Bhadla	0.03%	99.96%	0.01%	0.04%	805	712	777
	12	Bhadla II	0.01%	99.98%	0.01%	0.02%	807	726	777
	13	Bhwani	0.00%	100.00%	0.00%	0.00%	798	747	782
	14	Bikaner	0.04%	99.96%	0.00%	0.04%	797	721	779
	15	Chittorgarh I	0.00%	99.94%	0.06%	0.06%	801	760	782
	16	Fatehgarh II	0.04%	99.92%	0.04%	0.08%	811	719	775
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	750	771
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	753	780
	19	Hapur	0.00%	100.00%	0.00%	0.00%	793	744	774
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	794	740	776
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	788	755	772
	22	Khetri	0.02%	99.98%	0.00%	0.02%	796	726	778
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	794	740	775
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	771	744	759
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	785	748	770
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	789	742	770
	27	Meerut	0.00%	100.00%	0.00%	0.00%	799	743	779
	28	Moga	0.00%	100.00%	0.00%	0.00%	798	736	778
	29	Orai	0.00%	100.00%	0.00%	0.00%	799	771	785
	30	Phagi	0.00%	100.00%	0.00%	0.00%	799	757	782
	31	Umaria	0.00%	100.00%	0.00%	0.00%	777	750	763
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	790	763	776
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	789	752
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	793	743	772
3		Barnaskantha	0.00%	100.00%	0.00%	0.00%	790	763	779
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	755	772
5		Bhuji	0.00%	100.00%	0.00%	0.00%	785	755	773
6		Bhuji II	0.00%	100.00%	0.00%	0.00%	777	753	766
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	788	760	771
8		Bina	0.00%	100.00%	0.00%	0.00%	794	763	777
9		Champa	0.00%	94.13%	5.87%	5.87%	808	778	791
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	768	778
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	755	771
12		Ektuni	0.00%	100.00%	0.00%	0.00%	796	749	774
13		Gadarwara	0.00%	99.57%	0.43%	0.43%	803	770	786
14		Gwalior	0.00%	100.00%	0.00%	0.00%	798	767	781
15		Indore	0.00%	100.00%	0.00%	0.00%	788	753	770
16		Jabalpur	0.00%	99.35%	0.65%	0.65%	804	773	786
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	788	755	771
18		Koradi	0.00%	100.00%	0.00%	0.00%	776	748	764
19		Lakadia	0.00%	100.00%	0.00%	0.00%	796	760	775
20		New Parli	0.00%	100.00%	0.00%	0.00%	799	755	782
21		Padghe	0.00%	100.00%	0.00%	0.00%	794	742	768
22		Pune	0.00%	99.98%	0.02%	0.02%	800	747	776
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	771	786
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	771	784
25		Rajinandgaon	0.00%	99.03%	0.97%	0.97%	805	768	785
26		Sasan	0.00%	100.00%	0.00%	0.00%	793	773	781
27		Satna	0.00%	99.47%	0.53%	0.53%	802	774	786
28		Seoni	0.00%	99.93%	0.07%	0.07%	802	763	781
29		Sipat	0.00%	100.00%	0.00%	0.00%	787	762	772
30		Solapur	0.00%	100.00%	0.00%	0.00%	798	759	781
31		Tamnar	0.00%	100.00%	0.00%	0.00%	796	773	783
32		Tirora	0.00%	100.00%	0.00%	0.00%	773	751	763
33		Vadodara	0.00%	100.00%	0.00%	0.00%	787	749	768
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	773	784
35		Wardha	0.00%	100.00%	0.00%	0.00%	799	756	778
36		Warora	0.00%	99.82%	0.18%	0.18%	801	758	781
SR	1	Chalakuripeta	0.00%	100.00%	0.00%	0.00%	791	763	784
	2	Cuddapah	0.00%	100.00%	0.00%	0.00%	797	760	780
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	797	759	778
	4	Maheshwaram	0.00%	100.00%	0.00%	0.00%	800	767	787
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	763	778
	6	Nizamabad	0.00%	99.57%	3.43%	3.43%	804	768	788
	7	Raichur	0.00%	100.00%	0.00%	0.00%	795	763	780
	8	Srikakulam	0.00%	99.60%	0.40%	0.40%	801	771	789
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	787	756	771
	10	Vemagiri	0.00%	99.01%	0.99%	0.99%	801	768	782
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	795	760	782
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	791	768	780
	3	Gaya	0.00%	100.00%	0.00%	0.00%	784	755	771
	4	Jharsuguda	0.00%	99.88%	0.12%	0.12%	802	774	789
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	784	756	769
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	778	747	761
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	791	769	781
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	793	745	760
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	408
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	405
	3	Biswanath Charai (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	407
	4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	409
	5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	405	412
	6	Byrnihat/Killing (400 kV)	0.00%	99.50%	0.00%	0.00%	421	407	415
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	408	398	403
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	405
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	406
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	407
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	411	395	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	408
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	408
	16	Surajmani Nagar (Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	395	402

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