

**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**  
**16-Oct-2023 to 22-Oct-2023**

Date: 27-Oct-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	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 16-Oct-2023 to 22-Oct-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%	784	745	771
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	784	745	771
	3	Ajmer	0.00%	99.65%	0.35%	0.00%	801	755	778
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	792	744	773
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	764	771
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	762	770
	7	Anta	0.00%	100.00%	0.00%	0.00%	796	762	780
	8	Ballia	0.00%	100.00%	0.00%	0.00%	785	754	767
	9	Bara	0.00%	100.00%	0.00%	0.00%	783	766	774
	10	Barilly	0.00%	99.86%	1.14%	0.00%	803	743	778
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	794	753	775
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	792	754	774
	13	Bhawani	0.00%	99.99%	0.01%	0.01%	804	758	784
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	793	752	775
	15	Chittorgarh	0.00%	99.79%	0.21%	0.21%	802	747	778
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	789	751	774
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	748	770
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	795	749	778
	19	Hapur	0.00%	100.00%	0.00%	0.00%	795	740	773
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	795	751	778
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	756	776
	22	Khetri	0.00%	100.00%	0.00%	0.00%	799	754	780
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	792	748	775
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	769	746	760
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	794	758	775
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	785	753	773
	27	Meerut	0.00%	100.00%	0.00%	0.00%	796	750	779
	28	Moga	0.00%	99.98%	0.02%	0.02%	801	745	773
	29	Orai	0.00%	99.66%	0.34%	0.34%	803	763	783
	30	Phagi	0.00%	99.93%	0.07%	0.07%	801	754	780
	31	Unnao	0.00%	100.00%	0.00%	0.00%	781	751	767
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	788	767	778
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	794	756	774
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	756	776
	3	Banaskantha	0.00%	99.69%	0.31%	0.31%	803	764	784
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	751	769
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	795	754	777
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	788	754	772
	7	Blaspur	0.00%	100.00%	0.00%	0.00%	780	761	770
	8	Bina	0.00%	100.00%	0.00%	0.00%	793	756	774
	9	Champa	0.00%	99.98%	0.02%	0.02%	800	776	786
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	769	776
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	753	772
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	794	748	770
	13	Gadawara	0.00%	100.00%	0.00%	0.00%	800	767	781
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	799	760	781
	15	Indore	0.00%	100.00%	0.00%	0.00%	791	750	768
	16	Jabalpur	0.00%	99.60%	0.40%	0.40%	804	769	784
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	793	753	770
	18	Koradi	0.00%	100.00%	0.00%	0.00%	783	760	770
	19	Lakadia	0.00%	99.36%	0.64%	0.64%	804	762	784
	20	New Parli	0.00%	99.29%	0.71%	0.71%	805	757	779
	21	Padghe	0.00%	99.35%	0.65%	0.65%	803	749	776
	22	Pune	0.00%	99.23%	0.77%	0.77%	804	743	775
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	776	785
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	775	783
	25	Rainandgaon	0.00%	99.97%	0.03%	0.03%	801	770	784
	26	Sasan	0.00%	100.00%	0.00%	0.00%	788	770	780
	27	Satna	0.00%	100.00%	0.00%	0.00%	797	768	784
	28	Seoni	0.00%	100.00%	0.00%	0.00%	792	758	773
	29	Sipat	0.00%	100.00%	0.00%	0.00%	780	762	772
	30	Solapur	0.00%	99.07%	0.93%	0.93%	806	760	782
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	794	775	784
	32	Tirora	0.00%	100.00%	0.00%	0.00%	777	758	767
33	Vadodara	0.00%	99.88%	0.12%	0.12%	802	751	775	
34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	773	782	
35	Wardha	0.00%	99.61%	0.39%	0.39%	805	763	781	
36	Warora	0.00%	100.00%	0.00%	0.00%	797	759	777	
SR	1	Chilakaluripeta	0.00%	99.77%	0.23%	0.23%	802	747	769
	2	Cuddapah	0.00%	96.12%	3.88%	3.88%	812	754	781
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	797	747	772
	4	Maheshwaram	0.00%	98.09%	1.91%	1.91%	804	757	781
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	747	769
	6	Nizamabad	0.00%	92.65%	7.35%	7.35%	807	764	785
	7	Raichur	0.00%	100.00%	0.00%	0.00%	798	752	776
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	798	759	781
	9	Thiruvalam	0.00%	100.00%	0.00%	0.00%	792	740	769
	10	Vemagiri	0.00%	99.91%	0.09%	0.09%	800	749	771
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	792	768	781
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	787	774	780
	3	Gaya	0.00%	100.00%	0.00%	0.00%	784	755	772
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	780	789
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	791	753	769
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	789	740	759
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	794	769	782
	8	Sasaram	0.00%	99.94%	0.06%	0.06%	801	754	767
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	408	399	404
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	405
	3	Biswanath Chariali (400 kV)	0.00%	99.96%	0.00%	0.00%	421	400	411
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	408
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	412
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	418	408	410
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	405
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	416	384	394
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	405
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	407
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	410	397	405
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	423	404	414
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	408
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	408	396	404

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