

**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**  
**24-Jul-2023 to 30-Jul-2023**

Date: 4-Aug-2023

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	40	10.00	5.95
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	1	0.25	0.15
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 24-Jul-2023 to 30-Jul-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%	794	745	771
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	794	745	771
	3 Ajmer	0.00%	100.00%	0.00%	0.00%	795	754	779
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	799	744	772
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	780	754	766
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	778	752	763
	7 Anta	0.00%	98.67%	1.33%	0.00%	802	761	786
	8 Ballia	0.00%	100.00%	0.00%	0.00%	794	745	770
	9 Bara	0.00%	100.00%	0.00%	0.00%	783	758	769
	10 Bareilly	0.00%	100.00%	0.00%	0.00%	796	748	773
	11 Bhadla	0.00%	100.00%	0.00%	0.00%	792	746	773
	12 Bhadla II	0.00%	100.00%	0.00%	0.00%	793	747	776
	13 Bhiwani	0.00%	100.00%	0.00%	0.00%	794	751	775
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	797	750	775
	15 Chittorgarh	0.00%	99.63%	0.37%	0.00%	802	766	782
	16 Fatehgarh II	0.00%	100.00%	0.00%	0.00%	796	743	774
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	780	729	763
	18 Greater Noida	0.00%	99.96%	0.04%	0.00%	801	746	774
	19 Hapur	0.00%	99.58%	0.42%	0.00%	803	739	769
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	792	743	769
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	745	769
	22 Khetri	0.00%	100.00%	0.00%	0.00%	797	745	774
	23 Koteshwar	0.00%	100.00%	0.00%	0.00%	778	743	762
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	777	741	760
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	791	743	769
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	798	749	777
	27 Meerut	0.00%	100.00%	0.00%	0.00%	791	750	775
	28 Moga	0.00%	100.00%	0.00%	0.00%	790	739	768
	29 Orai	0.00%	98.94%	1.06%	0.00%	804	755	783
	30 Phagi	0.00%	100.00%	0.00%	0.00%	797	750	779
	31 Unnao	0.00%	100.00%	0.00%	0.00%	789	739	763
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	794	757	776
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	796	758	778
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	799	758	779
	3 Banskantha	0.00%	98.94%	1.06%	0.00%	802	767	785
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	766	779
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	793	754	776
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	786	749	769
	7 Blasapur	0.00%	100.00%	0.00%	0.00%	790	763	775
	8 Bina	0.00%	100.00%	0.00%	0.00%	797	760	780
	9 Champa	0.00%	96.32%	3.68%	0.00%	807	766	788
	10 Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	760	775
	11 Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	762	779
	12 Ektuni	0.00%	100.00%	0.00%	0.00%	794	755	776
	13 Gadwarwara	0.00%	98.68%	1.32%	0.00%	802	773	788
	14 Gwalior	0.00%	99.83%	0.17%	0.00%	800	751	781
	15 Indore	0.00%	100.00%	0.00%	0.00%	790	761	775
	16 Jabalpur	0.00%	95.15%	4.85%	0.00%	805	768	787
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	791	763	777
	18 Koradi	0.00%	100.00%	0.00%	0.00%	790	754	768
	19 Lakadia	0.00%	100.00%	0.00%	0.00%	799	764	782
	20 New Parli	0.00%	93.17%	6.83%	0.00%	807	773	790
	21 Padghe	0.00%	96.89%	3.11%	0.00%	808	754	782
	22 Pune	0.00%	93.16%	6.84%	0.00%	810	748	783
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	774	785
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	772	783
	25 Rajnandgaon	0.00%	94.96%	5.04%	0.00%	806	777	792
	26 Sasan	0.00%	100.00%	0.00%	0.00%	791	765	778
	27 Satna	0.00%	99.07%	0.93%	0.00%	801	768	785
	28 Seoni	0.00%	100.00%	0.00%	0.00%	798	770	783
	29 Sipat	0.00%	100.00%	0.00%	0.00%	789	765	777
	30 Solapur	0.00%	96.83%	3.17%	0.00%	806	769	789
	31 Tamar	0.00%	100.00%	0.00%	0.00%	794	774	784
	32 Tirora	0.00%	100.00%	0.00%	0.00%	774	753	764
33 Vadodara	0.00%	100.00%	0.00%	0.00%	793	763	778	
34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	770	782	
35 Wardha	0.00%	99.98%	0.02%	0.00%	800	764	787	
36 Warora	0.00%	99.44%	0.56%	0.00%	802	772	789	
SR	1 Chilikalripeta	0.00%	100.00%	0.00%	0.00%	784	748	768
	2 Cuddapah	0.00%	95.94%	4.06%	0.00%	804	761	786
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	797	755	780
	4 Maheshwaram	0.00%	92.85%	7.15%	0.00%	808	764	787
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	791	757	774
	6 Nizamabad	0.00%	75.52%	24.48%	0.00%	811	766	793
	7 Raichur	0.00%	99.94%	0.06%	0.00%	801	760	783
	8 Srikakulam	0.00%	100.00%	0.00%	0.00%	794	744	781
	9 Thiruvalem	0.00%	100.00%	0.00%	0.00%	789	743	769
	10 Vemagiri	0.00%	100.00%	0.00%	0.00%	791	747	776
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	785	749	773
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	785	767	776
	3 Gaya	0.00%	100.00%	0.00%	0.00%	792	747	769
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	772	785
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	793	745	766
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	796	738	762
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	794	753	776
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	775	743	758
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	407	396	402
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	401
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	407
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	406
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	409
	6 Bymhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	410
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	405
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	408	384	402
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	402
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	406
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	413	388	405
	12 Palasana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	411	398	404
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	410
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	406
	16 Surajmani Nagar(Sterite) (400 kV)	0.00%	100.00%	0.00%	0.00%	411	398	405

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