

**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**  
**31-Jul-2023 to 06-Aug-2023**

Date: 11-Aug-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 31-Jul-2023 to 06-Aug-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 IEGSC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	1 Agra	0.00%	100.00%	0.00%	0.00%	793	747	770
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	793	747	770
	3 Ajmer	0.00%	100.00%	0.00%	0.00%	798	760	779
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	790	748	769
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	780	758	769
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	778	755	767
	7 Anta	0.00%	100.00%	0.00%	0.00%	798	767	782
	8 Ballia	0.00%	100.00%	0.00%	0.00%	795	750	777
	9 Bara	0.00%	100.00%	0.00%	0.00%	783	758	771
	10 Bareilly	0.00%	99.08%	0.92%	0.92%	803	744	776
	11 Bhadla	0.00%	100.00%	0.00%	0.00%	787	745	772
	12 Bhadla II	0.00%	100.00%	0.00%	0.00%	793	751	776
	13 Bhiwani	0.00%	100.00%	0.00%	0.00%	795	753	773
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	794	751	773
	15 Chittorgarh	0.00%	99.61%	0.39%	0.39%	803	764	782
	16 Fatehgarh II	0.00%	100.00%	0.00%	0.00%	794	744	774
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	791	743	771
	18 Greater Noida	0.00%	100.00%	0.00%	0.00%	794	747	771
	19 Hapur	0.00%	100.00%	0.00%	0.00%	798	739	770
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	789	747	768
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	748	772
	22 Khetri	0.00%	100.00%	0.00%	0.00%	795	748	772
	23 Koteshwar	0.00%	100.00%	0.00%	0.00%	778	739	760
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	773	744	759
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	795	743	774
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	798	755	776
	27 Meerut	0.00%	100.00%	0.00%	0.00%	797	744	772
	28 Moga	0.00%	100.00%	0.00%	0.00%	793	739	766
	29 Orai	0.00%	100.00%	0.00%	0.00%	799	764	783
	30 Phagi	0.00%	100.00%	0.00%	0.00%	798	763	779
	31 Unnao	0.00%	100.00%	0.00%	0.00%	790	744	768
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	794	759	779
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	787	754	776
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	789	752	775
	3 Banaskantha	0.00%	100.00%	0.00%	0.00%	800	762	782
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	765	776
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	789	753	771
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	783	744	764
	7 Blasapur	0.00%	100.00%	0.00%	0.00%	792	765	780
	8 Bina	0.00%	100.00%	0.00%	0.00%	798	769	783
	9 Champa	0.00%	91.80%	8.20%	8.20%	807	766	789
	10 Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	768	781
	11 Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	759	777
	12 Ektuni	0.00%	100.00%	0.00%	0.00%	786	752	774
	13 Gadwarwara	0.00%	99.59%	0.41%	0.41%	802	777	790
	14 Gwalior	0.00%	99.43%	0.57%	0.57%	803	747	786
	15 Indore	0.00%	100.00%	0.00%	0.00%	786	761	775
	16 Jabalpur	0.00%	99.57%	0.43%	0.43%	801	778	790
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	788	762	777
	18 Koradi	0.00%	100.00%	0.00%	0.00%	776	750	766
	19 Lakadia	0.00%	100.00%	0.00%	0.00%	796	760	778
	20 New Parli	0.00%	98.77%	1.23%	1.23%	802	759	787
	21 Padghe	0.00%	100.00%	0.00%	0.00%	799	751	777
	22 Pune	0.00%	100.00%	0.00%	0.00%	799	747	778
	23 Raigarh Pooling	0.00%	99.91%	0.09%	0.09%	801	772	788
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	800	771	786
	25 Rajnandgaon	0.00%	91.47%	8.53%	8.53%	808	774	794
	26 Sasan	0.00%	100.00%	0.00%	0.00%	792	770	781
	27 Satna	0.00%	100.00%	0.00%	0.00%	800	775	788
	28 Seoni	0.00%	100.00%	0.00%	0.00%	798	766	785
	29 Sipat	0.00%	100.00%	0.00%	0.00%	793	769	782
	30 Solapur	0.00%	99.75%	0.25%	0.25%	802	759	785
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	797	771	786
	32 Tirora	0.00%	100.00%	0.00%	0.00%	769	749	761
33 Vadodara	0.00%	100.00%	0.00%	0.00%	794	757	777	
34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	776	784	
35 Wardha	0.00%	100.00%	0.00%	0.00%	798	757	783	
36 Warora	0.00%	98.60%	1.40%	1.40%	806	766	789	
SR	1 Chilikaluripeta	0.00%	99.69%	0.31%	0.31%	802	743	781
	2 Cuddapah	0.00%	87.40%	12.60%	12.60%	812	758	788
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	799	752	777
	4 Maheshwaram	0.00%	92.82%	7.18%	7.18%	812	754	784
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	792	753	773
	6 Nizamabad	0.00%	88.58%	11.42%	11.42%	811	755	789
	7 Raichur	0.00%	99.97%	0.03%	0.03%	800	756	780
	8 Srikakulam	0.00%	99.55%	0.45%	0.45%	802	746	780
	9 Thiruvalem	0.00%	96.84%	3.16%	3.16%	805	740	775
	10 Vemagiri	0.00%	100.00%	0.00%	0.00%	800	748	778
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	790	749	774
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	790	769	779
	3 Gaya	0.00%	100.00%	0.00%	0.00%	794	764	780
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	773	788
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	789	749	769
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	790	739	760
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	795	766	781
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	778	743	764
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%	408	396	402
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	408
	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%	415	401	409
	6 Bymhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	417	404	411
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	405
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	408	398	402
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	410	395	403
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	407
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	406
	12 Palasana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	410	398	405
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	410
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	406
	16 Surajmani Nagar(Sterite) (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	404

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