

**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**  
**03-Jul-2023 to 09-Jul-2023**

Date: 14-Jul-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 03-Jul-2023 to 09-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%	792	747	774
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	792	747	774
	3 Ajmer	0.00%	99.82%	0.18%	0.18%	800	759	780
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	796	744	775
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	778	754	766
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	774	752	764
	7 Anta	0.00%	97.88%	2.12%	2.12%	805	770	789
	8 Ballia	0.00%	100.00%	0.00%	0.00%	786	741	769
	9 Bara	0.00%	100.00%	0.00%	0.00%	785	759	773
	10 Bareilly	0.00%	99.48%	0.52%	0.52%	803	746	778
	11 Bhadla	0.00%	100.00%	0.00%	0.00%	790	749	772
	12 Bhadla II	0.00%	100.00%	0.00%	0.00%	791	752	775
	13 Bhiwani	0.00%	100.00%	0.00%	0.00%	797	745	777
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	795	749	773
	15 Chittorgarh	0.00%	99.38%	0.63%	0.63%	802	761	782
	16 Fatehgarh II	0.00%	100.00%	0.00%	0.00%	798	744	774
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	789	739	771
	18 Greater Noida	0.00%	100.00%	0.00%	0.00%	798	742	777
	19 Hapur	0.00%	100.00%	0.00%	0.00%	799	737	773
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	790	740	771
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	741	771
	22 Khetri	0.00%	100.00%	0.00%	0.00%	796	746	773
	23 Koteshwar	0.00%	100.00%	0.00%	0.00%	796	737	774
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	776	745	761
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	794	740	771
	26 Mainpuri	0.00%	99.92%	0.08%	0.08%	802	758	781
	27 Meerut	0.00%	99.94%	0.06%	0.06%	801	739	778
	28 Moga	0.00%	100.00%	0.00%	0.00%	789	743	769
	29 Orai	0.00%	99.66%	0.44%	0.44%	804	751	784
	30 Phagi	0.00%	99.90%	0.10%	0.10%	801	760	781
	31 Unnao	0.00%	100.00%	0.00%	0.00%	778	737	760
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	789	749	773
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	794	752	772
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	793	753	777
	3 Banaskantha	0.00%	100.00%	0.00%	0.00%	798	764	780
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	755	767
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	789	757	773
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	781	755	767
	7 Blasapur	0.00%	100.00%	0.00%	0.00%	788	761	774
	8 Bina	0.00%	100.00%	0.00%	0.00%	791	754	777
	9 Champa	0.00%	92.08%	7.92%	7.92%	811	768	790
	10 Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	761	772
	11 Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	758	777
	12 Ektuni	0.00%	100.00%	0.00%	0.00%	796	749	774
	13 Gadawara	0.00%	100.00%	0.00%	0.00%	795	768	781
	14 Gwalior	0.00%	100.00%	0.00%	0.00%	797	755	782
	15 Indore	0.00%	100.00%	0.00%	0.00%	785	753	769
	16 Jabalpur	0.00%	100.00%	0.00%	0.00%	795	763	780
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	788	757	773
	18 Koradi	0.00%	100.00%	0.00%	0.00%	778	749	763
	19 Lakadia	0.00%	100.00%	0.00%	0.00%	792	763	776
	20 New Parli	0.00%	99.82%	0.18%	0.18%	801	759	787
	21 Padghe	0.00%	99.87%	0.13%	0.13%	802	750	781
	22 Pune	0.00%	99.95%	0.05%	0.05%	802	747	778
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	773	785
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	772	784
	25 Rajnandgaon	0.00%	96.01%	3.99%	3.99%	808	774	791
	26 Sasan	0.00%	100.00%	0.00%	0.00%	786	762	776
	27 Satna	0.00%	100.00%	0.00%	0.00%	797	765	782
	28 Seoni	0.00%	100.00%	0.00%	0.00%	795	763	778
	29 Sipat	0.00%	100.00%	0.00%	0.00%	787	764	776
	30 Solapur	0.00%	98.81%	1.19%	1.19%	802	761	788
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	796	773	784
	32 Tirora	0.00%	100.00%	0.00%	0.00%	773	751	761
	33 Vadodara	0.00%	100.00%	0.00%	0.00%	791	756	774
	34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	788	766	779
	35 Wardha	0.00%	100.00%	0.00%	0.00%	797	757	780
	36 Warora	0.00%	99.99%	0.01%	0.01%	800	764	784
SR	1 Chilikaluripeta	0.00%	100.00%	0.00%	0.00%	800	744	770
	2 Cuddapah	0.00%	95.11%	4.89%	4.89%	807	756	783
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	795	746	774
	4 Maheshwaram	0.00%	99.53%	0.47%	0.47%	803	742	774
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	790	749	771
	6 Nizamabad	0.00%	98.37%	1.63%	1.63%	808	757	784
	7 Raichur	0.00%	100.00%	0.00%	0.00%	796	756	779
	8 Srikakulam	0.00%	95.67%	4.43%	4.43%	807	750	782
	9 Thiruvalem	0.00%	99.67%	0.33%	0.33%	801	743	768
	10 Vemagiri	0.00%	96.40%	3.60%	3.60%	806	751	776
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	795	755	776
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	786	765	779
	3 Gaya	0.00%	100.00%	0.00%	0.00%	779	742	765
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	773	788
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	791	749	770
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	793	738	765
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	792	765	780
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	781	743	767
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	407	400	404
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	392	401
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	407
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	404
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	408
	6 Bymhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	409
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	418	394	405
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	410	396	402
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	402
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	406
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	405
	12 Palasana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	407
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	414	396	404
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	409
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	406
	16 Surajmani Nagar(Sterite) (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	404

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