

**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**  
**12-Jun-2023 to 18-Jun-2023**

Date: 22-Jun-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 12-Jun-2023 to 18-Jun-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%	789	744	766
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	789	744	766
	3 Ajmer	0.00%	99.86%	0.14%	0.00%	805	756	777
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	799	751	773
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	777	748	762
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	776	748	761
	7 Anta	0.00%	99.88%	0.12%	0.00%	800	755	782
	8 Ballia	0.00%	100.00%	0.00%	0.00%	786	738	767
	9 Bara	0.00%	100.00%	0.00%	0.00%	785	762	772
	10 Bareilly	0.00%	99.47%	0.53%	0.53%	804	742	775
	11 Bhadla	0.00%	100.00%	0.00%	0.00%	794	745	771
	12 Bhadla II	0.00%	99.96%	0.04%	0.04%	803	750	773
	13 Bhiwani	0.00%	100.00%	0.00%	0.00%	796	753	775
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	798	747	770
	15 Chittorgarh	0.00%	99.85%	0.15%	0.15%	806	757	779
	16 Fatehgarh II	0.00%	100.00%	0.00%	0.00%	796	743	770
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	791	746	771
	18 Greater Noida	0.00%	99.80%	0.20%	0.20%	801	749	773
	19 Hapur	0.00%	99.22%	0.78%	0.78%	804	735	768
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	792	744	769
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	743	768
	22 Khetri	0.00%	100.00%	0.00%	0.00%	794	742	769
	23 Koteshwar	0.00%	100.00%	0.00%	0.00%	794	745	768
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	773	743	755
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	793	748	775
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	799	756	776
	27 Meerut	0.00%	99.72%	0.28%	0.28%	803	746	774
	28 Moga	0.00%	100.00%	0.00%	0.00%	794	738	766
	29 Orai	0.00%	98.95%	1.05%	1.05%	805	764	784
	30 Phagi	0.00%	100.00%	0.00%	0.00%	800	758	778
	31 Unnao	0.00%	100.00%	0.00%	0.00%	785	729	760
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	787	748	772
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	796	757	777
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	797	758	780
	3 Banaskantha	0.00%	100.00%	0.00%	0.00%	799	762	781
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	763	775
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	797	749	771
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	791	747	767
	7 Blasapur	0.00%	100.00%	0.00%	0.00%	786	763	773
	8 Bina	0.00%	100.00%	0.00%	0.00%	796	762	778
	9 Champa	0.00%	90.72%	9.28%	0.00%	808	770	791
	10 Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	762	772
	11 Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	757	775
	12 Ektuni	0.00%	100.00%	0.00%	0.00%	792	745	773
	13 Gadawara	0.00%	100.00%	0.00%	0.00%	797	774	785
	14 Gwalior	0.00%	99.83%	0.17%	0.17%	802	758	781
	15 Indore	0.00%	100.00%	0.00%	0.00%	787	752	771
	16 Jabalpur	0.00%	99.95%	0.05%	0.05%	801	773	786
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	790	758	773
	18 Koradi	0.00%	100.00%	0.00%	0.00%	784	758	770
	19 Lakadia	0.00%	99.58%	0.42%	0.42%	804	750	778
	20 New Parli	0.00%	100.00%	0.00%	0.00%	798	761	782
	21 Padghe	0.00%	99.99%	0.01%	0.01%	800	749	777
	22 Pune	0.00%	99.84%	0.16%	0.16%	802	749	777
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	778	787
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	777	786
	25 Rajnandgaon	0.00%	96.01%	3.99%	3.99%	806	778	790
	26 Sasan	0.00%	100.00%	0.00%	0.00%	785	765	775
	27 Satna	0.00%	100.00%	0.00%	0.00%	795	770	782
	28 Seoni	0.00%	100.00%	0.00%	0.00%	795	765	779
	29 Sipat	0.00%	100.00%	0.00%	0.00%	786	765	775
	30 Solapur	0.00%	99.97%	0.03%	0.03%	801	765	784
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	799	778	787
	32 Tirora	0.00%	100.00%	0.00%	0.00%	777	756	765
	33 Vadodara	0.00%	100.00%	0.00%	0.00%	800	757	778
	34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	768	778
	35 Wardha	0.00%	99.77%	0.23%	0.23%	803	764	785
	36 Warora	0.00%	100.00%	0.00%	0.00%	794	765	780
SR	1 Chilikaluripeta	0.00%	99.89%	0.11%	0.11%	801	749	777
	2 Cuddapah	0.00%	96.86%	3.14%	3.14%	806	760	785
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	793	746	774
	4 Maheshwaram	0.00%	98.92%	1.08%	1.08%	802	743	779
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	797	752	775
	6 Nizamabad	0.00%	80.42%	19.58%	19.58%	810	756	791
	7 Raichur	0.00%	100.00%	0.00%	0.00%	795	753	778
	8 Srikakulam	0.00%	95.68%	4.32%	4.32%	808	750	782
	9 Thiruvalem	0.00%	100.00%	0.00%	0.00%	795	751	776
	10 Vemagiri	0.00%	97.49%	2.51%	2.51%	807	752	782
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	787	754	772
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	786	769	777
	3 Gaya	0.00%	100.00%	0.00%	0.00%	776	745	761
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	775	786
	5 Medinipur	0.00%	99.94%	0.06%	0.06%	801	750	775
	6 New Jeerat	0.00%	99.51%	0.49%	0.49%	803	735	772
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	798	763	783
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	781	746	764
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	407	399	404
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	394	401
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	411	397	405
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	407
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	409
	6 Bymhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	410
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	406	396	402
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	410	395	402
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	416	391	407
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	406
	12 Palasana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	406
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	410	391	404
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	407
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	408
	16 Surajmani Nagar(Sterite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	384	402

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