

**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**  
**26-Jun-2023 to 02-Jul-2023**

Date: 7-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 26-Jun-2023 to 02-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%	786	744	769
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	786	744	769
	3 Ajmer	0.00%	99.83%	0.17%	0.17%	801	759	781
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	792	744	771
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	776	754	765
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	774	753	764
	7 Anta	0.00%	98.87%	1.13%	1.13%	801	765	788
	8 Ballia	0.00%	100.00%	0.00%	0.00%	790	737	767
	9 Bara	0.00%	100.00%	0.00%	0.00%	785	757	774
	10 Bareilly	0.00%	100.00%	0.00%	0.00%	792	739	770
	11 Bhadla	0.00%	100.00%	0.00%	0.00%	796	743	771
	12 Bhadla II	0.00%	100.00%	0.00%	0.00%	797	750	773
	13 Bhiwani	0.00%	100.00%	0.00%	0.00%	793	755	775
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	798	748	772
	15 Chittorgarh	0.00%	98.79%	1.21%	1.21%	802	759	783
	16 Fatehgarh II	0.00%	100.00%	0.00%	0.00%	796	742	770
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	790	740	770
	18 Greater Noida	0.00%	100.00%	0.00%	0.00%	796	747	773
	19 Hapur	0.00%	100.00%	0.00%	0.00%	797	739	768
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	789	748	769
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	740	770
	22 Khetri	0.00%	100.00%	0.00%	0.00%	795	749	772
	23 Koteshwar	0.00%	100.00%	0.00%	0.00%	792	753	772
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	770	743	759
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	792	736	768
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	798	750	778
	27 Meerut	0.00%	100.00%	0.00%	0.00%	787	754	775
	28 Moga	0.00%	99.87%	0.03%	0.03%	801	742	767
	29 Orai	0.00%	99.59%	0.41%	0.41%	803	754	782
	30 Phagi	0.00%	100.00%	0.00%	0.00%	799	757	781
	31 Unnao	0.00%	100.00%	0.00%	0.00%	777	736	760
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	790	752	774
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	791	756	774
	2 Aurangabad	0.00%	98.03%	1.97%	1.97%	805	762	785
	3 Banskantha	0.00%	99.75%	0.25%	0.25%	801	764	782
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	754	771
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	794	754	776
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	788	749	770
	7 Blasapur	0.00%	100.00%	0.00%	0.00%	792	765	778
	8 Bina	0.00%	100.00%	0.00%	0.00%	796	754	779
	9 Champa	0.00%	92.46%	7.54%	7.54%	807	765	789
	10 Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	762	775
	11 Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	760	779
	12 Ektuni	0.00%	100.00%	0.00%	0.00%	788	753	772
	13 Gadawara	0.00%	99.81%	0.19%	0.19%	801	768	786
	14 Gwalior	0.00%	99.82%	0.18%	0.18%	801	753	782
	15 Indore	0.00%	100.00%	0.00%	0.00%	791	754	773
	16 Jabalpur	0.00%	100.00%	0.00%	0.00%	799	762	784
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	791	758	776
	18 Koradi	0.00%	100.00%	0.00%	0.00%	779	753	766
	19 Lakadia	0.00%	96.73%	3.27%	3.27%	804	762	782
	20 New Parli	0.00%	97.88%	2.12%	2.12%	804	765	785
	21 Padghe	0.00%	97.28%	2.72%	2.72%	805	757	782
	22 Pune	0.00%	97.26%	2.74%	2.74%	806	747	778
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	773	788
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	772	786
	25 Rajnandgaon	0.00%	94.56%	5.44%	5.44%	809	777	793
	26 Sasan	0.00%	100.00%	0.00%	0.00%	789	761	776
	27 Satna	0.00%	100.00%	0.00%	0.00%	799	762	783
	28 Seoni	0.00%	99.88%	0.12%	0.12%	801	765	785
	29 Sipat	0.00%	100.00%	0.00%	0.00%	792	769	780
	30 Solapur	0.00%	96.73%	3.27%	3.27%	805	765	785
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	796	773	786
	32 Tirora	0.00%	100.00%	0.00%	0.00%	775	753	764
	33 Vadodara	0.00%	94.40%	5.60%	5.60%	809	761	783
	34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	791	764	779
	35 Wardha	0.00%	96.09%	3.91%	3.91%	808	768	789
	36 Warora	0.00%	100.00%	0.00%	0.00%	800	770	785
SR	1 Chilikalripeta	0.00%	100.00%	0.00%	0.00%	799	767	783
	2 Cuddapah	0.00%	95.45%	4.55%	4.55%	803	761	785
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	795	753	777
	4 Maheshwaram	0.00%	100.00%	0.00%	0.00%	794	755	776
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	790	754	773
	6 Nizamabad	0.00%	89.09%	10.91%	10.91%	805	766	790
	7 Raichur	0.00%	100.00%	0.00%	0.00%	799	758	780
	8 Srikakulam	0.00%	95.05%	4.95%	4.95%	805	766	791
	9 Thiruvalem	0.00%	100.00%	0.00%	0.00%	786	744	769
	10 Vemagiri	0.00%	94.99%	5.01%	5.01%	807	769	789
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	797	765	785
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	793	773	783
	3 Gaya	0.00%	100.00%	0.00%	0.00%	782	745	765
	4 Jharsuguda	0.00%	99.44%	0.56%	0.56%	802	778	791
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	786	754	769
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	783	739	758
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	792	766	782
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	780	749	770
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%	408	395	401
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	414	386	407
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	397	404
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	408
	6 Bymnat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	409
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	405
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	401
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	402
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	406
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	405
	12 Palasana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	407
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	414	397	405
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	408
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	390	406
	16 Surajmani Nagar(Sterite) (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	405

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