

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
18-Sep-2023 to 24-Sep-2023

Date: 29-Sep-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 18-Sep-2023 to 24-Sep-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%	784	740	764
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	784	740	764
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	799	762	783
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	791	732	766
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	758	770
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	756	769
	7	Anta	0.00%	100.00%	0.00%	0.00%	790	766	779
	8	Ballia	0.00%	100.00%	0.00%	0.00%	785	745	769
	9	Bara	0.00%	100.00%	0.00%	0.00%	783	759	770
	10	Barilly	0.00%	100.00%	0.00%	0.00%	798	742	774
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	790	751	774
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	795	759	777
	13	Bhawani	0.00%	100.00%	0.00%	0.00%	799	758	779
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	795	758	775
	15	Chittorgarh	0.00%	99.57%	0.43%	0.43%	801	766	785
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	795	751	775
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	799	744	776
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	738	771
	19	Hapur	0.00%	99.29%	0.71%	0.71%	806	730	772
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	789	748	771
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	748	773
	22	Khetri	0.00%	100.00%	0.00%	0.00%	793	754	775
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	793	742	770
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	767	740	755
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	795	743	774
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	787	738	766
	27	Mesrut	0.00%	100.00%	0.00%	0.00%	798	747	775
	28	Moaga	0.00%	100.00%	0.00%	0.00%	795	747	772
	29	Orai	0.00%	99.73%	0.27%	0.27%	803	758	781
	30	Phagi	0.00%	100.00%	0.00%	0.00%	797	751	781
	31	Unnao	0.00%	100.00%	0.00%	0.00%	788	744	767
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	794	759	780
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	790	757	774
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	757	780
	3	Banaskantha	0.00%	96.94%	3.06%	3.06%	803	771	788
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	763	773
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	797	767	778
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	789	759	776
	7	Blasapur	0.00%	100.00%	0.00%	0.00%	789	767	776
	8	Bina	0.00%	100.00%	0.00%	0.00%	791	763	777
	9	Champa	0.00%	96.38%	3.62%	3.62%	805	766	789
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	768	776
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	762	776
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	785	751	775
	13	Gadawara	0.00%	100.00%	0.00%	0.00%	797	752	786
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	793	760	778
	15	Indore	0.00%	100.00%	0.00%	0.00%	788	750	775
	16	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	776	786
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	788	765	776
	18	Koradi	0.00%	100.00%	0.00%	0.00%	780	756	767
	19	Lakadia	0.00%	100.00%	0.00%	0.00%	800	770	785
	20	New Parli	0.00%	99.74%	0.26%	0.26%	802	761	786
	21	Padghe	0.00%	99.89%	0.11%	0.11%	801	751	780
	22	Pune	0.00%	99.55%	0.45%	0.45%	802	746	778
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	775	786
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	774	785
	25	Rainandgaon	0.00%	97.94%	2.06%	2.06%	805	776	790
	26	Sasan	0.00%	100.00%	0.00%	0.00%	792	770	782
	27	Satna	0.00%	100.00%	0.00%	0.00%	797	768	784
	28	Seoni	0.00%	100.00%	0.00%	0.00%	795	765	780
	29	Sipat	0.00%	100.00%	0.00%	0.00%	788	770	787
	30	Solapur	0.00%	98.19%	1.81%	1.81%	804	764	788
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	797	774	785
	32	Tirora	0.00%	100.00%	0.00%	0.00%	776	756	765
33	Vadodara	0.00%	100.00%	0.00%	0.00%	794	761	776	
34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	775	784	
35	Wardha	0.00%	100.00%	0.00%	0.00%	798	758	781	
36	Warora	0.00%	100.00%	0.00%	0.00%	800	765	785	
SR	1	Chilakaluripeta	0.00%	100.00%	0.00%	0.00%	788	740	769
	2	Cuddapah	0.00%	91.83%	8.17%	8.17%	806	757	788
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	799	746	779
	4	Maheshwaram	0.00%	88.60%	11.40%	11.40%	808	752	786
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	746	772
	6	Nizamabad	0.00%	82.58%	17.42%	17.42%	814	750	788
	7	Raichur	0.00%	100.00%	0.00%	0.00%	799	754	781
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	792	753	777
	9	Thiruvalam	0.00%	100.00%	0.00%	0.00%	791	743	773
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	786	744	772
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	782	755	770
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	786	771	777
	3	Gaya	0.00%	100.00%	0.00%	0.00%	796	759	781
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	777	787
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	787	749	768
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	781	738	759
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	796	768	783
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	789	753	775
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	407	395	402
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	395	402
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	408
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	405
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	409
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	411
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	404
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	403
	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%	414	381	390
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	405
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	409	398	403
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	423	405	411
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	407
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	407	397	402

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