

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
25-Sep-2023 to 01-Oct-2023

Date: 6-Oct-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 25-Sep-2023 to 01-Oct-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%	785	741	765
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	785	741	765
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	799	756	778
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	791	743	771
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	760	769
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	738	768
	7	Anta	0.00%	100.00%	0.00%	0.00%	785	757	775
	8	Ballia	0.00%	100.00%	0.00%	0.00%	783	740	762
	9	Bara	0.00%	100.00%	0.00%	0.00%	780	759	771
	10	Barilly	0.00%	98.17%	1.83%	1.83%	807	741	772
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	791	754	773
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	796	754	773
	13	Bhawani	0.00%	100.00%	0.00%	0.00%	794	755	777
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	796	755	773
	15	Chittorgarh	0.00%	99.74%	0.26%	0.26%	804	763	781
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	796	745	772
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	799	740	774
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	797	744	774
	19	Hapur	0.00%	99.31%	0.69%	0.69%	806	728	773
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	791	748	771
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	747	771
	22	Khetri	0.00%	100.00%	0.00%	0.00%	792	754	774
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	793	743	770
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	766	741	753
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	799	742	769
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	785	742	766
	27	Meerut	0.00%	100.00%	0.00%	0.00%	798	743	774
	28	Mooga	0.00%	100.00%	0.00%	0.00%	798	745	770
	29	Orai	0.00%	100.00%	0.00%	0.00%	798	759	782
	30	Phagi	0.00%	100.00%	0.00%	0.00%	795	755	777
	31	Unnao	0.00%	100.00%	0.00%	0.00%	787	739	761
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	790	759	775
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	788	755	776
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	758	779
	3	Banaskantha	0.00%	99.86%	0.14%	0.14%	804	774	787
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	759	771
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	795	770	781
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	791	765	774
	7	Blasapur	0.00%	100.00%	0.00%	0.00%	783	765	775
	8	Bina	0.00%	100.00%	0.00%	0.00%	786	754	776
	9	Champa	0.00%	98.54%	1.46%	1.46%	802	764	788
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	761	771
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	759	777
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	788	749	773
	13	Gadawara	0.00%	100.00%	0.00%	0.00%	796	777	786
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	792	754	778
	15	Indore	0.00%	100.00%	0.00%	0.00%	792	760	774
	16	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	773	785
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	796	761	776
	18	Koradi	0.00%	100.00%	0.00%	0.00%	779	757	770
	19	Lakadia	0.00%	99.87%	0.13%	0.13%	801	772	785
	20	New Parli	0.00%	92.46%	7.54%	7.54%	805	762	789
	21	Padghe	0.00%	99.98%	0.02%	0.02%	801	752	779
	22	Pune	0.00%	97.89%	2.11%	2.11%	806	750	781
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	776	787
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	774	786
	25	Rainandgaon	0.00%	99.94%	0.06%	0.06%	801	778	791
	26	Sasan	0.00%	100.00%	0.00%	0.00%	788	770	780
	27	Satna	0.00%	100.00%	0.00%	0.00%	793	748	783
	28	Seoni	0.00%	100.00%	0.00%	0.00%	792	766	779
	29	Sipat	0.00%	100.00%	0.00%	0.00%	785	768	776
	30	Solapur	0.00%	89.94%	10.06%	10.06%	805	768	789
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	793	775	786
	32	Tirora	0.00%	100.00%	0.00%	0.00%	775	755	768
33	Vadodara	0.00%	100.00%	0.00%	0.00%	799	763	777	
34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	774	783	
35	Wardha	0.00%	100.00%	0.00%	0.00%	797	760	781	
36	Warora	0.00%	100.00%	0.00%	0.00%	799	770	787	
SR	1	Chilakaluripeta	0.00%	100.00%	0.00%	0.00%	788	745	768
	2	Cuddapah	0.00%	97.03%	2.97%	2.97%	804	756	783
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	795	749	776
	4	Maheshwaram	0.00%	91.37%	8.63%	8.63%	805	756	783
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	788	750	771
	6	Nizamabad	0.00%	82.25%	17.75%	17.75%	809	759	788
	7	Raichur	0.00%	100.00%	0.00%	0.00%	799	756	781
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	794	756	778
	9	Thiruvalam	0.00%	100.00%	0.00%	0.00%	790	746	769
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	790	751	773
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	780	754	770
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	781	768	775
	3	Gaya	0.00%	100.00%	0.00%	0.00%	783	752	768
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	775	785
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	790	748	768
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	788	737	760
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	795	767	781
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	790	748	770
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	406	397	402
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	403
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	410
	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	401	408
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	410
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	406
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	404
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	403
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	404	381	392
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	409	393	403
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	424	403	413
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	407
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	406	393	401

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