

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
04-Sep-2023 to 10-Sep-2023

Date: 15-Sep-2023

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	88	22.00	13.10
2	ER-NR	0	0.00	0.00
3	Import of NR	13	3.25	1.93
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	31	7.75	4.61
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 04-Sep-2023 to 10-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%	795	743	772
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	795	743	772
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	800	759	776
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	795	745	772
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	759	769
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	781	754	767
	7	Anta	0.00%	100.00%	0.00%	0.00%	794	762	782
	8	Ballia	0.00%	100.00%	0.00%	0.00%	785	747	767
	9	Bara	0.00%	100.00%	0.00%	0.00%	783	754	768
	10	Barailly	0.00%	99.63%	0.37%	0.37%	803	735	775
	11	Bhadia	0.00%	100.00%	0.00%	0.00%	789	754	770
	12	Bhadla II	0.00%	99.99%	0.01%	0.01%	800	759	773
	13	Bhawani	0.00%	100.00%	0.00%	0.00%	796	750	776
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	796	752	772
	15	Chittorgarh	0.00%	99.92%	0.08%	0.08%	804	760	778
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	797	749	772
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	740	769
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	797	739	772
	19	Hapur	0.00%	99.60%	0.40%	0.40%	803	737	769
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	792	743	770
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	748	771
	22	Khetri	0.00%	100.00%	0.00%	0.00%	796	749	772
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	791	741	770
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	741	760
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	792	750	773
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	792	744	768
	27	Mesrut	0.00%	100.00%	0.00%	0.00%	799	742	775
	28	Moga	0.00%	99.77%	0.23%	0.23%	805	747	768
	29	Orai	0.00%	99.16%	0.84%	0.84%	804	758	782
	30	Phagi	0.00%	99.96%	0.04%	0.04%	800	757	777
	31	Unnao	0.00%	100.00%	0.00%	0.00%	786	737	763
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	791	759	776
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	792	757	776
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	752	777
	3	Banaskantha	0.00%	100.00%	0.00%	0.00%	799	765	782
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	747	772
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	796	763	778
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	788	752	771
	7	Blasapur	0.00%	100.00%	0.00%	0.00%	790	769	778
	8	Bina	0.00%	100.00%	0.00%	0.00%	793	756	776
	9	Champa	0.00%	95.34%	4.66%	4.66%	807	773	789
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	769	777
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	698	778
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	792	750	778
	13	Gadawara	0.00%	100.00%	0.00%	0.00%	799	773	786
	14	Gwalior	0.00%	99.83%	0.17%	0.17%	800	759	780
	15	Indore	0.00%	100.00%	0.00%	0.00%	791	752	775
	16	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	768	786
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	792	756	778
	18	Koradi	0.00%	100.00%	0.00%	0.00%	782	753	770
	19	Lakadia	0.00%	98.90%	1.10%	1.10%	805	765	794
	20	New Parli	0.00%	99.33%	0.67%	0.67%	802	763	787
	21	Padghe	0.00%	99.74%	0.26%	0.26%	804	749	778
	22	Pune	0.00%	99.77%	0.23%	0.23%	803	745	778
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	777	787
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	777	786
	25	Rainandgaon	0.00%	98.68%	1.32%	1.32%	805	777	790
	26	Sasan	0.00%	100.00%	0.00%	0.00%	789	768	779
	27	Satna	0.52%	99.48%	0.00%	0.52%	796	722	783
	28	Seoni	0.00%	100.00%	0.00%	0.00%	796	762	780
	29	Sipat	0.00%	100.00%	0.00%	0.00%	790	770	779
	30	Solapur	0.00%	98.28%	1.72%	1.72%	803	761	787
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	794	779	786
	32	Tirora	0.00%	100.00%	0.00%	0.00%	777	755	767
	33	Vadodara	0.00%	99.40%	0.60%	0.60%	802	758	781
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	796	771	782
	35	Wardha	0.00%	100.00%	0.00%	0.00%	795	766	782
	36	Warora	0.00%	100.00%	0.00%	0.00%	798	771	786
SR	1	Chilakaluripeta	0.00%	100.00%	0.00%	0.00%	782	750	768
	2	Cuddapah	0.00%	100.00%	0.00%	0.00%	798	756	782
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	789	748	775
	4	Maheshwaram	0.00%	100.00%	0.00%	0.00%	797	760	783
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	750	769
	6	Nizamabad	0.00%	96.01%	3.99%	3.99%	802	765	791
	7	Raichur	0.00%	100.00%	0.00%	0.00%	794	754	779
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	793	770	784
	9	Thiruvalam	0.00%	100.00%	0.00%	0.00%	786	735	762
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	785	763	775
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	780	764	774
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	784	772	779
	3	Gaya	0.00%	100.00%	0.00%	0.00%	791	761	777
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	779	788
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	790	746	769
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	787	741	760
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	796	767	782
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	786	748	769
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	407	398	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	389	409
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	405
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	409
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	411
	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%	412	394	404
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	403
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	408	387	398
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	412	398	405
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	422	401	412
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	407
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	411	397	405

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