

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
07-Aug-2023 to 13-Aug-2023

Date: 18-Aug-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	3	0.75	0.45
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	1	0.25	0.15
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 07-Aug-2023 to 13-Aug-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	747	766
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	789	747	766
	3	Ajmer	0.00%	99.22%	0.78%	0.00%	801	756	775
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	793	749	773
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	759	766
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	772	757	764
	7	Anta	0.00%	100.00%	0.00%	0.00%	797	763	778
	8	Ballia	0.00%	100.00%	0.00%	0.00%	793	757	775
	9	Bara	0.00%	99.36%	0.64%	0.00%	781	762	770
	10	Barilly	0.00%	100.00%	0.00%	0.64%	802	750	777
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	792	743	772
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	795	751	774
	13	Bhawani	0.00%	100.00%	0.00%	0.00%	793	750	773
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	795	748	773
	15	Chittorgarh	0.00%	99.33%	0.67%	0.00%	803	761	779
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	792	743	772
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	746	767
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	797	746	773
	19	Hapur	0.00%	100.00%	0.00%	0.00%	798	734	767
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	788	747	768
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	789	754	773
	22	Khetri	0.00%	100.00%	0.00%	0.00%	794	746	772
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	789	738	765
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	777	744	759
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	791	751	772
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	795	755	776
	27	Mesrut	0.00%	100.00%	0.00%	0.00%	797	749	775
	28	Moga	0.00%	100.00%	0.00%	0.00%	793	748	768
	29	Orai	0.00%	99.74%	0.26%	0.00%	802	771	787
	30	Phagi	0.00%	99.88%	0.12%	0.00%	802	756	776
	31	Unnao	0.00%	100.00%	0.00%	0.00%	774	741	759
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	792	767	780
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	753	776
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	741	775
	3	Banaskantha	0.00%	100.00%	0.00%	0.00%	800	762	783
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	752	773
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	798	749	776
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	791	745	770
	7	Blasapur	0.00%	100.00%	0.00%	0.00%	788	762	778
	8	Bina	0.00%	100.00%	0.00%	0.00%	793	770	781
	9	Champa	0.00%	93.28%	6.72%	0.00%	804	767	790
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	767	780
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	753	774
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	795	747	775
	13	Gadawara	0.00%	100.00%	0.00%	0.00%	799	769	786
	14	Gwalior	0.00%	99.84%	0.16%	0.00%	801	767	784
	15	Indore	0.00%	100.00%	0.00%	0.00%	784	756	772
	16	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	777	788
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	786	757	774
	18	Koradi	0.00%	100.00%	0.00%	0.00%	774	749	764
	19	Lakadia	0.00%	100.00%	0.00%	0.00%	799	757	782
	20	New Parli	0.00%	99.57%	0.43%	0.00%	802	747	782
	21	Padghe	0.00%	99.66%	0.34%	0.00%	804	746	780
	22	Pune	0.00%	96.55%	3.45%	0.00%	810	739	779
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	770	787
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	768	785
	25	Rainandgaon	0.00%	96.23%	3.77%	0.00%	804	768	791
	26	Sasan	0.00%	100.00%	0.00%	0.00%	789	774	782
	27	Satna	0.00%	100.00%	0.00%	0.00%	796	778	787
	28	Seoni	0.00%	100.00%	0.00%	0.00%	794	758	781
	29	Sipat	0.00%	100.00%	0.00%	0.00%	789	765	780
	30	Solapur	0.00%	99.19%	0.81%	0.00%	804	767	782
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	795	767	784
	32	Tirora	0.00%	100.00%	0.00%	0.00%	768	748	760
	33	Vadodara	0.00%	99.53%	0.47%	0.00%	801	751	779
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	778	785
	35	Wardha	0.00%	100.00%	0.00%	0.00%	797	745	779
	36	Warora	0.00%	100.00%	0.00%	0.00%	799	755	783
SR	1	Chilakaluripeta	0.00%	97.67%	2.33%	0.00%	816	743	777
	2	Cuddapah	0.00%	94.21%	5.79%	0.00%	819	753	783
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	800	735	771
	4	Maheshwaram	0.00%	96.56%	3.44%	0.00%	808	737	779
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	741	767
	6	Nizamabad	0.00%	93.51%	6.49%	0.00%	811	735	782
	7	Raichur	0.00%	100.00%	0.00%	0.00%	800	741	776
	8	Srikulam	0.00%	91.80%	8.20%	0.00%	811	737	782
	9	Thiruvalam	0.00%	99.24%	0.76%	0.00%	809	741	769
	10	Vemagiri	0.00%	93.14%	6.86%	0.00%	812	738	779
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	800	742	775
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	793	762	779
	3	Gaya	0.00%	100.00%	0.00%	0.00%	791	767	780
	4	Jharsuguda	0.00%	98.54%	1.46%	0.00%	803	769	788
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	785	755	770
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	779	744	761
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	793	768	782
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	778	748	761
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	405	398	402
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	407	393	400
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	406
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	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%	417	404	410
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	404
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	408	396	401
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	409	391	401
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	415	384	402
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	405
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	411	91	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	409
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	406
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	410	399	404

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