

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
21-Aug-2023 to 27-Aug-2023

Date: 1-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	2	0.50	0.30
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 21-Aug-2023 to 27-Aug-2023

21-08-2023									
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%	787	744	767
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	787	744	767
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	799	751	777
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	796	752	772
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	760	770
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	759	768
	7	Anta	0.00%	100.00%	0.00%	0.00%	793	762	778
	8	Ballia	0.00%	100.00%	0.00%	0.00%	788	759	770
	9	Bara	0.00%	99.22%	0.00%	0.78%	804	759	770
	10	Barilly	0.00%	100.00%	0.00%	0.78%	791	751	772
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	797	756	775
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	797	756	775
	13	Bhawani	0.00%	100.00%	0.00%	0.00%	798	758	777
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	798	757	774
	15	Chittorgarh	0.00%	99.07%	0.93%	0.93%	802	758	782
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	795	744	773
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	746	770
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	795	747	773
	19	Hapur	0.00%	100.00%	0.00%	0.00%	795	737	768
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	794	753	772
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	789	755	774
	22	Khetri	0.00%	100.00%	0.00%	0.00%	797	753	774
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	793	754	777
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	788	744	756
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	797	750	775
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	798	769	778
	27	Meerut	0.00%	100.00%	0.00%	0.00%	798	750	777
	28	Moga	0.00%	100.00%	0.00%	0.00%	799	754	770
	29	Orai	0.00%	99.28%	0.72%	0.72%	803	765	782
	30	Phagi	0.00%	100.00%	0.00%	0.00%	798	756	777
	31	Unnao	0.00%	100.00%	0.00%	0.00%	789	747	766
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	792	760	779
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	788	760	775
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	752	778
	3	Banaskantha	0.00%	100.00%	0.00%	0.00%	800	758	784
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	755	770
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	797	749	779
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	792	749	774
	7	Blaspur	0.00%	100.00%	0.00%	0.00%	786	761	776
	8	Bina	0.00%	100.00%	0.00%	0.00%	790	763	776
	9	Champa	0.00%	97.73%	2.27%	2.27%	808	762	788
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	765	778
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	757	777
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	791	750	772
	13	Gadawara	0.00%	100.00%	0.00%	0.00%	795	759	779
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	797	764	780
	15	Indore	0.00%	100.00%	0.00%	0.00%	784	756	772
	16	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	774	786
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	788	757	775
	18	Koradi	0.00%	100.00%	0.00%	0.00%	780	757	768
	19	Lakadia	0.00%	98.73%	1.27%	1.27%	804	756	794
	20	New Parli	0.00%	98.70%	1.30%	1.30%	802	756	783
	21	Padghe	0.00%	96.30%	3.70%	3.70%	812	747	781
	22	Pune	0.00%	96.97%	3.03%	3.03%	812	742	779
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	800	770	785
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	769	783
	25	Rainandgaon	0.00%	99.56%	0.44%	0.44%	803	771	789
	26	Sasan	0.00%	100.00%	0.00%	0.00%	789	772	780
	27	Satna	0.00%	100.00%	0.00%	0.00%	796	773	783
	28	Seoni	0.00%	100.00%	0.00%	0.00%	793	761	779
	29	Sipat	0.00%	100.00%	0.00%	0.00%	788	768	778
	30	Solapur	0.00%	96.48%	3.54%	3.54%	806	758	785
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	796	769	783
	32	Tirora	0.00%	100.00%	0.00%	0.00%	778	757	767
33	Vadodara	0.00%	100.00%	0.00%	0.00%	799	754	779	
34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	799	754	783	
35	Wardha	0.00%	99.84%	0.16%	0.16%	802	753	779	
36	Warora	0.00%	100.00%	0.00%	0.00%	797	758	783	
SR	1	Chilakaluripeta	0.00%	99.76%	0.24%	0.24%	803	757	779
	2	Cuddapah	0.00%	94.14%	5.86%	5.86%	811	755	786
	3	Kurnool	0.00%	99.96%	0.04%	0.04%	801	745	776
	4	Maheshwaram	0.00%	99.92%	0.08%	0.08%	805	744	778
	5	Nellore PS	0.00%	99.98%	0.02%	0.02%	800	745	770
	6	Nizamabad	0.00%	96.32%	3.68%	3.68%	806	743	781
	7	Raichur	0.00%	99.69%	0.31%	0.31%	804	745	779
	8	Srikulam	0.00%	99.32%	0.68%	0.68%	805	758	783
	9	Thiruvalam	0.00%	99.33%	0.67%	0.67%	802	741	773
	10	Vemagiri	0.00%	97.77%	2.23%	2.23%	808	760	784
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	786	752	772
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	787	758	777
	3	Gaya	0.00%	100.00%	0.00%	0.00%	790	764	779
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	772	786
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	788	751	773
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	787	739	768
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	794	768	782
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	780	753	767
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	406	400	403
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	397	403
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	408
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	405	411
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	417	406	412
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	405
	8	Kameng (400 kV)	0.00%	99.95%	0.00%	0.00%	410	387	404
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	409	396	403
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	404	383	394
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	410	397	404
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	418	405	411
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	406
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	396	403

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