

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
08-Jul-2024 to 14-Jul-2024

Date: 19-Jul-2024

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	0.30
2	ER-NR	0	0.00	0.00
3	Import of NR	4	1.00	0.60
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 08-Jul-2024 to 14-Jul-2024

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 IECG band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	1	Agra	0.00%	99.90%	0.10%	0.10%	801	748	773
	2	Agra (Fatehabad)	0.00%	99.90%	0.10%	0.10%	801	748	773
	3	Ajmer	0.00%	97.50%	2.50%	2.50%	804	752	786
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	798	744	772
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	758	766
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	756	763
	7	Anta	0.00%	100.00%	0.00%	0.00%	797	747	782
	9	Bara	0.00%	100.00%	0.00%	0.00%	777	753	764
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	790	741	767
	11	Bhadla	0.00%	99.50%	0.50%	0.50%	802	747	778
	12	Bhadla II	0.00%	99.22%	0.78%	0.78%	803	746	779
	13	Bhwani	0.00%	98.62%	1.38%	1.38%	802	748	779
	14	Bikaner	0.00%	98.35%	1.65%	1.65%	806	738	780
	15	Chittorgarh	0.00%	96.32%	3.68%	3.68%	804	770	789
	16	Fatehgarh II	0.00%	99.56%	0.44%	0.44%	807	747	778
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	746	769
	18	Greater Noida	0.00%	99.83%	0.17%	0.17%	803	751	774
	19	Hapur	0.00%	99.97%	0.03%	0.03%	800	739	768
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	800	744	772
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	786	740	766
	22	Khetri	0.00%	98.40%	1.60%	1.60%	805	739	776
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	799	747	772
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	774	738	756
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	788	738	763
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	786	737	759
	27	Meerut	0.00%	99.73%	0.27%	0.27%	801	747	775
	28	Moga	0.00%	98.28%	1.72%	1.72%	804	734	778
	29	Orai	0.00%	100.00%	0.00%	0.00%	800	753	781
	30	Phagi	0.00%	99.41%	0.59%	0.59%	802	758	783
	31	Ummao	0.00%	100.00%	0.00%	0.00%	779	734	756
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	784	750	769
1	Akola	0.00%	100.00%	0.00%	0.00%	793	752	775	
2	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	753	779	
3	Barasankha	0.00%	98.19%	1.81%	1.81%	802	756	787	
4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	755	770	
5	Bhui	0.00%	100.00%	0.00%	0.00%	794	746	780	
6	Bhui II	0.00%	100.00%	0.00%	0.00%	785	739	772	
7	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	757	766	
8	Bina	0.00%	100.00%	0.00%	0.00%	787	750	771	
9	Champa	0.00%	100.00%	0.00%	0.00%	797	764	781	
10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	758	766	
11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	760	779	
12	Ektuni	0.00%	100.00%	0.00%	0.00%	794	745	775	
13	Gadarwara	0.00%	100.00%	0.00%	0.00%	799	771	786	
14	Gwalior	0.00%	100.00%	0.00%	0.00%	797	748	779	
15	Indore	0.00%	100.00%	0.00%	0.00%	786	756	772	
16	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	765	784	
17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	787	757	775	
18	Koradi	0.00%	100.00%	0.00%	0.00%	785	755	770	
19	Lakadia	0.00%	99.59%	0.41%	0.41%	802	751	784	
20	New Parli	0.00%	98.52%	3.48%	3.48%	804	765	790	
21	Padghe	0.00%	99.89%	0.11%	0.11%	801	755	780	
22	Pune	0.00%	99.89%	0.11%	0.11%	801	747	779	
23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	787	767	778	
24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	786	765	777	
25	Rajinandgaon	0.00%	100.00%	0.00%	0.00%	797	767	783	
26	Sasan	0.00%	100.00%	0.00%	0.00%	786	767	778	
27	Satna	0.00%	100.00%	0.00%	0.00%	796	764	782	
28	Seoni	0.00%	100.00%	0.00%	0.00%	791	761	776	
29	Sipat	0.00%	100.00%	0.00%	0.00%	778	759	768	
30	Solapur	0.00%	98.08%	1.92%	1.92%	803	763	788	
31	Tamnar	0.00%	100.00%	0.00%	0.00%	787	768	779	
32	Tirora	0.00%	100.00%	0.00%	0.00%	778	756	767	
33	Vadodara	0.00%	98.22%	1.78%	1.78%	804	753	779	
34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	765	779	
35	Wardha	0.00%	100.00%	0.00%	0.00%	794	757	780	
36	Warora	0.00%	100.00%	0.00%	0.00%	799	761	786	
SR	1	Chalakuripeta	0.00%	99.99%	1.01%	1.01%	805	761	787
	2	Cuddapah	0.00%	98.60%	1.40%	1.40%	804	761	787
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	799	755	782
	4	Maheshwaram	0.00%	94.37%	5.63%	5.63%	806	756	787
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	753	776
	6	Nizamabad	0.00%	94.38%	5.63%	5.63%	807	754	788
	7	Raichur	0.00%	100.00%	0.00%	0.00%	796	753	782
	8	Srikakulam	0.00%	98.49%	1.51%	1.51%	803	765	789
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	796	762	781
	10	Vemagiri	0.00%	88.66%	11.34%	11.34%	807	770	792
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	782	754	773
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	780	763	773
	3	Gaya	0.00%	100.00%	0.00%	0.00%	776	745	763
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	769	781
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	793	744	768
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	795	739	764
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	792	755	774
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	776	745	762
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	406
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	394	402
	3	Biswanath Charai (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	404
	4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	407
	5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	410
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	412
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	404
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	410	396	402
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	403
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	408
	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%	414	400	407
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	415	396	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	411	398	405
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	407
	16	Surajmani Nagar (Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	402

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