

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-Jan-2024 to 14-Jan-2024

Date: 19-Jan-2024

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	3	0.75	0.45
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 08-Jan-2024 to 14-Jan-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 IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	1	Agra	0.00%	100.00%	0.00%	0.00%	793	737	771
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	793	737	771
	3	Ajmer	0.00%	99.95%	0.05%	0.00%	804	748	776
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	794	738	770
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	753	766
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	753	765
	7	Anta	0.00%	100.00%	0.00%	0.00%	790	753	771
	9	Bara	0.00%	100.00%	0.00%	0.00%	782	752	767
	10	Barilly	0.00%	99.93%	0.07%	0.00%	802	741	777
	11	Bhadia	0.02%	99.98%	0.00%	0.02%	790	710	772
	12	Bhadia II	0.00%	100.00%	0.00%	0.00%	796	742	776
	13	Bhivani	0.00%	99.94%	0.06%	0.06%	801	747	778
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	796	736	775
	15	Chittorgarh	0.00%	99.93%	0.07%	0.07%	802	749	778
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	794	730	777
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	742	769
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	743	777
	19	Hapur	0.00%	99.77%	0.23%	0.23%	802	740	775
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	795	740	773
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	739	771
	22	Khetri	0.00%	100.00%	0.00%	0.00%	798	745	777
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	794	743	773
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	774	735	759
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	792	738	772
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	794	739	772
	27	Meerut	0.00%	100.00%	0.00%	0.00%	800	746	777
	28	Moga	0.00%	100.00%	0.00%	0.00%	796	741	769
	29	Orai	0.00%	98.78%	1.22%	1.22%	805	753	782
	30	Phagi	0.00%	99.93%	0.07%	0.07%	803	743	774
	31	Unnao	0.00%	100.00%	0.00%	0.00%	789	732	766
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	790	749	772
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	753
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	795	740	773
3		Banaskantha	0.00%	100.00%	0.00%	0.00%	797	757	783
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	746	770
5		Bhuj	0.00%	100.00%	0.00%	0.00%	794	758	781
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	786	752	773
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	784	753	769
8		Bina	0.00%	100.00%	0.00%	0.00%	800	752	777
9		Champa	0.00%	94.88%	5.12%	5.12%	807	768	790
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	753	773
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	748	773
12		Ektuni	0.00%	100.00%	0.00%	0.00%	790	746	770
13		Gadawara	0.00%	99.79%	0.21%	0.21%	802	762	783
14		Gwalior	0.00%	98.01%	1.99%	1.99%	803	749	780
15		Indore	0.00%	100.00%	0.00%	0.00%	788	745	769
16		Jabalpur	0.00%	94.54%	5.46%	5.46%	807	763	786
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	790	748	770
18		Koradi	0.00%	100.00%	0.00%	0.00%	783	750	768
19		Lakadia	0.00%	100.00%	0.00%	0.00%	797	759	783
20		New Parli	0.00%	99.99%	0.01%	0.01%	800	751	781
21		Padghe	0.00%	99.98%	0.02%	0.02%	801	738	773
22		Pune	0.00%	99.90%	0.10%	0.10%	802	740	776
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	767	784
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	766	783
25		Rajnandgaon	0.00%	99.30%	0.70%	0.70%	804	758	787
26		Sasan	0.00%	100.00%	0.00%	0.00%	789	762	776
27		Satna	0.00%	98.64%	1.36%	1.36%	801	762	783
28		Seoni	0.00%	100.00%	0.00%	0.00%	793	750	774
29		Sipat	0.00%	100.00%	0.00%	0.00%	782	755	770
30		Solapur	0.00%	99.93%	0.07%	0.07%	803	751	781
31		Tammer	0.00%	100.00%	0.00%	0.00%	796	768	783
32		Tirora	0.00%	100.00%	0.00%	0.00%	775	752	765
33		Vadodara	0.00%	99.63%	0.37%	0.37%	802	742	774
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	793	765	780
35		Wardha	0.00%	100.00%	0.00%	0.00%	800	746	781
36		Warora	0.00%	100.00%	0.00%	0.00%	800	748	781
SR	1	Chilakaluripeta	0.00%	100.00%	0.00%	0.00%	788	736	770
	2	Cuddapah	0.00%	92.72%	7.28%	7.28%	805	745	785
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	798	741	778
	4	Maheshwaram	0.00%	84.47%	15.53%	15.53%	807	742	786
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	746	776
	6	Nizamabad	0.00%	79.24%	20.76%	20.76%	807	742	788
	7	Raichur	0.00%	100.00%	0.00%	0.00%	798	745	780
	8	Srikakulam	0.00%	99.92%	0.08%	0.08%	801	754	782
	9	Thiruvalem	0.00%	100.00%	0.00%	0.00%	793	732	772
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	792	746	774
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	800	754	778
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	791	765	778
	3	Gaya	0.00%	100.00%	0.00%	0.00%	785	740	763
	4	Jharsuguda	0.00%	99.34%	0.66%	0.66%	803	768	786
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	786	746	766
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	784	733	757
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	794	762	779
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	779	742	762
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	405
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	402
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	424	401	413
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	408
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	410
	6	Byrnhat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	421	400	408
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	413	390	403
	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%	417	394	406
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	405
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	408
	13	PK Beni	0.00%	100.00%	0.00%	0.00%	414	393	403
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	421	397	409
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	391	409
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	402

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