

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
13-Mar-2023 to 19-Mar-2023

Date: 24-Mar-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	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 13-Mar-2023 to 19-Mar-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%	790	752	774
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	790	752	774
	3 Ajmer	0.00%	98.93%	1.07%	1.07%	804	762	784
	4 Ajmer	0.00%	100.00%	0.00%	0.00%	797	757	777
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	774	757	764
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	775	757	764
	7 Anta	0.00%	99.94%	0.06%	0.06%	801	763	782
	8 Ballia	0.00%	100.00%	0.00%	0.00%	787	752	769
	9 Bara	0.22%	99.78%	0.00%	0.22%	787	761	772
	10 Bareilly	0.00%	99.34%	0.66%	0.66%	811	750	779
	11 Bhadla	0.00%	99.90%	0.10%	0.10%	806	754	778
	12 Bhadla II	0.00%	99.85%	0.15%	0.15%	806	751	776
	13 Bhiwani	0.00%	99.85%	0.15%	0.15%	809	760	782
	14 Bikaner	0.00%	99.97%	0.03%	0.03%	803	757	777
	15 Chittorgarh	0.00%	99.75%	0.25%	0.25%	802	747	782
	16 Fatehgarh II	0.00%	99.99%	0.01%	0.01%	802	733	775
	17 Fatehgarh	0.00%	100.00%	0.00%	0.00%	794	750	773
	18 Greater Noida	0.00%	99.62%	0.38%	0.38%	805	762	784
	19 Hapur	0.00%	98.79%	1.21%	1.21%	812	765	784
	20 Jhatkara	0.00%	100.00%	0.00%	0.00%	799	755	778
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	798	746	773
	22 Khethri	0.00%	99.97%	0.03%	0.03%	802	756	779
	23 Koteswar	0.00%	99.96%	0.04%	0.04%	801	749	775
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	772	749	761
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	799	752	773
	26 Mainpuri	0.00%	99.74%	0.26%	0.26%	807	762	782
	27 Meerut	0.00%	99.10%	0.90%	0.90%	808	753	783
	28 Moga	0.00%	99.93%	0.07%	0.07%	808	751	774
	29 Orai	0.00%	97.82%	2.18%	2.18%	833	756	786
	30 Phagi	0.00%	99.80%	0.20%	0.20%	804	759	783
	31 Unnao	0.00%	100.00%	0.00%	0.00%	790	743	762
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	794	764	778
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	788	755	773
	2 Aurangabad	0.00%	99.93%	0.07%	0.07%	806	754	778
	3 Banaskantha	0.00%	99.37%	0.63%	0.63%	808	751	783
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	754	773
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	797	740	774
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	799	745	773
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	788	760	772
	8 Bina	0.00%	100.00%	0.00%	0.00%	799	760	780
	9 Champa	0.00%	82.49%	17.51%	17.51%	811	775	792
	10 Dharamjagarh	0.00%	100.00%	0.00%	0.00%	783	753	771
	11 Dhuile (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	753	776
	12 Ekluni	0.00%	100.00%	0.00%	0.00%	789	750	771
	13 Gadwanara	0.00%	98.93%	1.07%	1.07%	804	769	785
	14 Gwalior	0.00%	98.82%	1.18%	1.18%	807	764	783
	15 Indore	0.00%	100.00%	0.00%	0.00%	791	752	773
	16 Jabalpur	0.00%	98.35%	1.65%	1.65%	806	766	787
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	793	754	775
	18 Koradi	0.00%	100.00%	0.00%	0.00%	781	752	767
	19 Lakadia	0.00%	97.38%	2.62%	2.62%	815	753	783
	20 New Partii	0.00%	99.89%	0.11%	0.11%	803	760	782
	21 Padghe	0.00%	99.38%	0.62%	0.62%	808	750	780
	22 Pune	0.00%	99.01%	0.99%	0.99%	811	749	780
	23 Raigarh Pooling	0.00%	98.59%	1.41%	1.41%	803	776	788
	24 Raipur Pooling	0.00%	99.30%	0.70%	0.70%	802	773	786
	25 Rajnandgaon	0.01%	96.74%	3.25%	3.26%	809	721	790
	26 Sasan	0.00%	100.00%	0.00%	0.00%	792	769	779
	27 Satna	0.00%	99.00%	1.00%	1.00%	804	771	785
	28 Seoni	0.00%	100.00%	0.00%	0.00%	797	759	776
	29 Sipat	0.00%	100.00%	0.00%	0.00%	787	763	773
	30 Solapur	0.00%	99.74%	0.26%	0.26%	811	762	785
	31 Tamnar	0.00%	99.72%	0.28%	0.28%	801	775	786
	32 Tirora	0.00%	100.00%	0.00%	0.00%	774	753	764
33 Vadodara	0.00%	100.00%	0.00%	0.00%	799	747	775	
34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	772	782	
35 Wardha	0.00%	99.03%	0.97%	0.97%	804	762	782	
36 Warora	0.00%	99.43%	0.57%	0.57%	802	764	781	
SR	1 Chilikaluripeta	0.00%	99.98%	0.02%	0.02%	801	751	777
	2 Cuddapah	0.00%	99.08%	0.92%	0.92%	806	752	780
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	795	743	771
	4 Maheshwaram	0.00%	93.16%	6.84%	6.84%	813	733	776
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	790	747	771
	6 Nizamabad	0.00%	85.47%	14.53%	14.53%	820	744	784
	7 Raichur	0.00%	99.90%	0.10%	0.10%	805	749	777
	8 Srikakulam	0.00%	100.00%	0.00%	0.00%	799	761	779
	9 Thiruvallam	0.00%	100.00%	0.00%	0.00%	798	741	769
	10 Vemagiri	0.00%	99.11%	0.89%	0.89%	803	758	780
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	793	753	769
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	788	761	776
	3 Gaya	0.00%	100.00%	0.00%	0.00%	787	762	770
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	766	785
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	783	745	766
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	776	734	756
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	794	763	782
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	788	758	773
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	403	394	397
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	402
	3 Biswanath Chariali (400 kV)	0.02%	99.98%	0.00%	0.02%	413	370	399
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	408
	5 Bongaigaon TPS (400 kV)	0.00%	99.87%	0.00%	0.00%	421	403	411
	6 Byrnhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	407	410
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	406
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	403
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	391	400
	10 New Kohima (400 kV)	0.00%	99.98%	0.00%	0.00%	420	396	407
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	405
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	408
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	415	394	405
	14 Ranganadi (400 kV)	0.01%	99.86%	0.00%	0.01%	422	379	409
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	406
	16 Surajmani Nagar(Sterilite) (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	404

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