

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
24-Jun-2024 to 30-Jun-2024

Date: 5-Jul-2024

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	45	11.25	6.70
2	ER-NR	0	0.00	0.00
3	Import of NR	43	10.75	6.40
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	8	2.00	1.19
2	ER-NR	0	0.00	0.00
3	Import of NR	8	2.00	1.19
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 24-Jun-2024 to 30-Jun-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%	100.00%	0.00%	0.00%	799	739	770
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	799	739	770
	3 Aimer	0.00%	98.64%	1.36%	1.36%	801	764	784
	4 Aligarh	0.00%	99.86%	0.14%	0.14%	803	732	768
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	780	758	768
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	777	756	765
	7 Anta	0.00%	100.00%	0.00%	0.00%	793	747	778
	9 Bara	0.00%	100.00%	0.00%	0.00%	780	750	765
	10 Bareilly	0.00%	100.00%	0.00%	0.00%	798	741	767
	11 Bhadla	0.00%	100.00%	0.00%	0.00%	789	744	778
	12 Bhadla II	0.00%	100.00%	0.00%	0.00%	791	757	779
	13 Bhiwani	0.00%	100.00%	0.00%	0.00%	799	752	776
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	793	742	780
	15 Chittorgarh	0.00%	98.34%	1.66%	1.66%	804	765	787
	16 Fatehgarh II	0.00%	100.00%	0.00%	0.00%	789	750	778
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	790	737	767
	18 Greater Noida	0.00%	99.26%	0.74%	0.74%	804	746	774
	19 Hapur	0.00%	100.00%	0.00%	0.00%	796	741	768
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	798	743	769
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	796	730	766
	22 Khetri	0.00%	100.00%	0.00%	0.00%	797	748	774
	23 Koteswar	0.00%	99.29%	0.71%	0.71%	807	752	775
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	783	742	760
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	794	731	762
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	794	738	763
	27 Meerut	0.00%	99.43%	0.57%	0.57%	807	753	775
	28 Moga	0.00%	100.00%	0.00%	0.00%	799	751	778
	29 Orai	0.00%	99.81%	0.19%	0.19%	801	734	777
	30 Phagi	0.00%	100.00%	0.00%	0.00%	800	749	779
	31 Unnao	0.00%	100.00%	0.00%	0.00%	785	734	759
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	789	743	771
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	788	756	773
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	790	759	776
	3 Banaskantha	0.00%	99.49%	0.51%	0.51%	802	774	788
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	748	770
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	795	768	782
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	787	760	774
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	782	756	767
	8 Bina	0.00%	100.00%	0.00%	0.00%	795	739	775
	9 Champa	0.00%	100.00%	0.00%	0.00%	794	760	772
	10 Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	758	768
	11 Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	759	773
	12 Ektuni	0.00%	100.00%	0.00%	0.00%	788	750	774
	13 Gadawara	0.00%	99.68%	0.32%	0.32%	801	764	785
	14 Gwalior	0.00%	100.00%	0.00%	0.00%	797	736	775
	15 Indore	0.00%	100.00%	0.00%	0.00%	785	749	769
	16 Jabalpur	0.00%	98.96%	1.04%	1.04%	803	753	783
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	785	754	771
	18 Koradi	0.00%	100.00%	0.00%	0.00%	781	757	768
	19 Lakadia	0.00%	99.37%	0.63%	0.63%	805	772	786
	20 New Parli	0.00%	97.89%	2.11%	2.11%	804	771	789
	21 Padghe	0.00%	99.85%	0.15%	0.15%	802	758	780
	22 Pune	0.00%	99.96%	0.04%	0.04%	801	748	777
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	769	780
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	768	779
	25 Rajnandgaon	0.00%	99.59%	0.41%	0.41%	804	776	786
	26 Sasan	0.00%	100.00%	0.00%	0.00%	788	755	775
	27 Satna	0.00%	100.00%	0.00%	0.00%	799	752	780
	28 Seoni	0.00%	100.00%	0.00%	0.00%	795	758	776
	29 Sipat	0.00%	100.00%	0.00%	0.00%	784	759	768
	30 Solapur	0.00%	97.76%	2.24%	2.24%	804	769	787
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	795	769	780
	32 Tirora	0.00%	100.00%	0.00%	0.00%	776	754	767
	33 Vadodara	0.00%	100.00%	0.00%	0.00%	800	760	777
	34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	757	778
	35 Wardha	0.00%	100.00%	0.00%	0.00%	796	764	780
	36 Warora	0.00%	99.96%	0.04%	0.04%	800	769	786
SR	1 Chalakuripeta	0.00%	98.73%	1.27%	1.27%	802	768	787
	2 Cuddapah	0.00%	98.48%	1.52%	1.52%	803	759	786
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	800	738	782
	4 Maheshwaram	0.00%	91.90%	8.10%	8.10%	807	769	790
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	788	755	774
	6 Nizamabad	0.00%	94.64%	5.36%	5.36%	804	762	791
	7 Raichur	0.00%	100.00%	0.00%	0.00%	799	758	781
	8 Snikakulam	0.00%	100.00%	0.00%	0.00%	799	765	787
	9 Thiruvalam	0.00%	100.00%	0.00%	0.00%	789	747	772
	10 Vernagiri	0.01%	92.57%	7.42%	7.43%	802	716	791
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	786	759	773
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	790	771	779
	3 Gaya	0.00%	100.00%	0.00%	0.00%	792	748	771
	4 Jharsuguda	0.00%	99.99%	0.01%	0.01%	800	777	786
	5 Medinipur	0.00%	99.95%	0.05%	0.05%	801	752	776
	6 New Jeerat	0.00%	99.98%	0.02%	0.02%	800	746	773
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	796	759	780
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	786	744	764
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	398	406
	2 Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	392	402
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	405
	4 Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	405
	5 Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	406
	6 Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	410
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	404
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	410	388	402
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	403
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	406
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	406
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	406
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	410	395	401
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	405
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	407
	16 Surajmani Nagar(Sterlite) (400 kV)	0.01%	99.99%	0.00%	0.01%	411	369	401

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