

**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**  
**01-Jul-2024 to 07-Jul-2024**

Date: 11-Jul-2024

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	0.15
2	ER-NR	1	0.25	0.15
3	Import of NR	2	0.50	0.30
4	NEW-SR	1	0.25	0.15
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	1	0.25	0.15
2	ER-NR	1	0.25	0.15
3	Import of NR	1	0.25	0.15
4	NEW-SR	1	0.25	0.15
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 01-Jul-2024 to 07-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%	100.00%	0.00%	0.00%	794	753	776
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	794	753	776
	3 Ajmer	0.00%	97.57%	2.43%	2.43%	802	755	786
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	794	745	774
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	777	757	768
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	776	755	766
	7 Anta	0.00%	100.00%	0.00%	0.00%	795	773	785
	9 Bara	0.00%	100.00%	0.00%	0.00%	778	751	768
	10 Bareilly	0.00%	100.00%	0.00%	0.00%	799	741	775
	11 Bhadla	0.00%	100.00%	0.00%	0.00%	791	731	776
	12 Bhadla II	0.00%	100.00%	0.00%	0.00%	793	736	778
	13 Bhwani	0.00%	96.68%	3.32%	3.32%	805	757	782
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	796	736	779
	15 Chittorgarh II	0.00%	99.67%	0.33%	0.33%	805	771	788
	16 Fatehgarh II	0.01%	99.99%	0.00%	0.01%	792	740	775
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	791	746	775
	18 Greater Noida	0.00%	100.00%	0.00%	0.00%	800	750	777
	19 Hapur	0.00%	100.00%	0.00%	0.00%	799	744	770
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	794	746	774
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	799	744	774
	22 Khetri	0.00%	100.00%	0.00%	0.00%	799	738	777
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	797	748	774
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	785	739	762
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	795	741	771
	26 Mainpuri	0.00%	98.28%	1.72%	1.72%	803	737	765
	27 Meerut	0.00%	99.50%	0.50%	0.50%	801	752	778
	28 Moga	0.00%	99.63%	0.37%	0.37%	801	747	780
	29 Orai	0.00%	97.92%	2.08%	2.08%	804	755	786
	30 Phagi	0.00%	99.13%	0.87%	0.87%	802	748	781
	31 Ummao	0.00%	100.00%	0.00%	0.00%	785	741	768
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	794	755	777
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	794	750	773
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	797	752	775
	3 Banaskantha	0.00%	99.81%	0.19%	0.19%	801	761	782
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	759	773
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	793	748	775
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	785	744	768
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	795	758	770
	8 Bina	0.00%	100.00%	0.00%	0.00%	799	762	781
	9 Champa	0.00%	99.81%	0.19%	0.19%	803	763	782
	10 Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	760	770
	11 Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	759	775
	12 Ektuni	0.00%	99.65%	0.35%	0.35%	800	747	774
	13 Gadawara	0.00%	99.48%	0.52%	0.52%	803	760	786
	14 Gwalior	0.00%	100.00%	0.00%	0.00%	800	755	783
	15 Indore	0.00%	99.13%	0.87%	0.87%	806	758	774
	16 Jabalpur	0.00%	99.07%	0.93%	0.93%	805	752	783
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	793	751	773
	18 Koradi	0.00%	100.00%	0.00%	0.00%	797	753	773
	19 Lakadla	0.00%	100.00%	0.00%	0.00%	798	755	782
	20 New Parli	0.00%	99.62%	0.38%	0.38%	801	755	784
	21 Padghe	0.00%	99.89%	0.11%	0.11%	802	753	779
	22 Pune	0.00%	98.37%	1.63%	1.63%	804	750	779
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	794	770	782
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	768	781
	25 Rajnandgaon	0.00%	99.51%	0.49%	0.49%	803	769	785
	26 Sasan	0.00%	99.12%	0.88%	0.88%	804	765	782
	27 Satna	0.00%	99.56%	0.44%	0.44%	801	762	784
	28 Seoni	0.00%	100.00%	0.00%	0.00%	796	761	778
	29 Sipat	0.00%	100.00%	0.00%	0.00%	795	762	774
	30 Solapur	0.00%	100.00%	0.00%	0.00%	799	753	780
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	792	753	779
	32 Tirora	0.00%	100.00%	0.00%	0.00%	798	754	771
	33 Vadodara	0.00%	100.00%	0.00%	0.00%	793	755	777
	34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	800	763	783
	35 Wardha	0.00%	100.00%	0.00%	0.00%	798	754	780
	36 Warora	0.00%	100.00%	0.00%	0.00%	800	759	783
SR	1 Chalakuripeta	0.00%	100.00%	0.00%	0.00%	799	760	784
	2 Cuddapah	0.00%	98.01%	1.99%	1.99%	802	761	784
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	798	756	781
	4 Maheshwaram	0.00%	97.62%	2.38%	2.38%	806	758	786
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	792	758	777
	6 Nizamabad	0.00%	99.08%	0.92%	0.92%	802	752	785
	7 Raichur	0.00%	100.00%	0.00%	0.00%	796	745	778
	8 Snikakulam	0.00%	99.64%	0.36%	0.36%	802	754	782
	9 Thiruvalam	0.00%	100.00%	0.00%	0.00%	797	753	775
	10 Vernagiri	0.00%	97.35%	2.65%	2.65%	801	759	785
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	798	754	773
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	794	757	775
	3 Gaya	0.00%	100.00%	0.00%	0.00%	791	747	771
	4 Jharsuguda	0.00%	99.64%	0.36%	0.36%	803	751	780
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	789	755	773
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	784	403	716
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	793	396	672
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	785	398	665
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	407
	2 Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	404
	3 Biswanath CharaiII (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	405
	4 Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	406
	5 Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	407
	6 Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	409
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	405
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	403
	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%	413	398	406
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	406
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	406
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	413	392	401
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	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%	413	391	402

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