

**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**  
**29-Jul-2024 to 04-Aug-2024**

Date: 9-Aug-2024

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	0.74
2	ER-NR	2	0.50	0.30
3	Import of NR	31	7.75	4.61
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	1	0.25	0.15
3	Import of NR	7	1.75	1.04
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 29-Jul-2024 to 04-Aug-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%	798	740	773
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	798	740	773
	3	Ajmer	0.00%	99.91%	0.09%	0.00%	800	760	785
	4	Aligarh	0.00%	99.89%	0.11%	0.11%	803	740	773
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	754	772
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	753	769
	7	Anta	0.00%	100.00%	0.00%	0.00%	790	763	779
	9	Bara	0.00%	100.00%	0.00%	0.00%	785	754	770
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	798	737	771
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	789	744	779
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	795	748	783
	13	Bhwani	0.00%	99.80%	0.20%	0.20%	803	750	779
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	796	740	782
	15	Chittorgarh	0.00%	99.10%	0.90%	0.90%	803	764	787
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	789	748	777
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	742	770
	18	Greater Noida	0.00%	99.60%	0.40%	0.40%	806	743	777
	19	Hapur	0.00%	99.96%	0.04%	0.04%	800	732	770
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	798	740	771
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	799	744	776
	22	Khetri	0.00%	99.88%	0.12%	0.12%	802	733	777
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	799	751	775
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	773	740	758
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	795	739	762
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	793	732	765
	27	Meerut	0.00%	99.56%	0.44%	0.44%	808	744	777
	28	Moga	0.00%	99.82%	0.18%	0.18%	802	733	779
	29	Orai	0.00%	99.25%	0.75%	0.75%	804	748	782
	30	Phagi	0.00%	100.00%	0.00%	0.00%	800	756	778
	31	Umaria	0.00%	100.00%	0.00%	0.00%	785	734	766
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	793	747	775
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	760	778
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	751	781
	3	Barnaskantha	0.00%	100.00%	0.00%	0.00%	800	761	786
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	760	775
	5	Bhui	0.00%	100.00%	0.00%	0.00%	794	755	779
	6	Bhui II	0.00%	100.00%	0.00%	0.00%	786	743	770
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	789	764	773
	8	Bina	0.00%	100.00%	0.00%	0.00%	793	757	776
	9	Champa	0.00%	98.93%	1.07%	1.07%	806	767	784
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	760	773
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	759	779
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	791	755	779
	13	Gadarwara	0.00%	99.51%	0.49%	0.49%	802	769	785
	14	Gwalior	0.00%	99.48%	0.52%	0.52%	800	753	779
	15	Indore	0.00%	100.00%	0.00%	0.00%	789	758	775
	16	Jabalpur	0.00%	98.64%	1.36%	1.36%	804	763	785
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	789	758	775
	18	Koradi	0.00%	100.00%	0.00%	0.00%	793	754	770
	19	Lakadia	0.00%	100.00%	0.00%	0.00%	798	756	782
	20	New Parli	0.00%	100.00%	0.00%	0.00%	799	764	785
	21	Padghe	0.00%	99.77%	0.23%	0.23%	801	749	782
	22	Pune	0.00%	99.21%	0.79%	0.79%	804	747	781
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	794	771	782
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	770	782
	25	Rajinandgaon	0.00%	97.34%	2.66%	2.66%	808	774	788
	26	Sasan	0.00%	100.00%	0.00%	0.00%	791	760	778
	27	Satna	0.00%	100.00%	0.00%	0.00%	799	763	784
	28	Seoni	0.00%	99.63%	0.37%	0.37%	803	768	783
	29	Sipat	0.00%	100.00%	0.00%	0.00%	796	767	777
	30	Solapur	0.00%	100.00%	0.00%	0.00%	799	765	783
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	794	771	779
	32	Tirora	0.00%	100.00%	0.00%	0.00%	788	752	764
	33	Vadodara	0.00%	100.00%	0.00%	0.00%	793	759	779
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	763	781
	35	Wardha	0.00%	98.45%	1.55%	1.55%	809	765	788
	36	Warora	0.00%	99.91%	0.09%	0.09%	803	766	783
SR	1	Chalakuripeta	0.00%	96.13%	3.87%	3.87%	809	748	775
	2	Cuddapah	0.00%	95.74%	4.26%	4.26%	812	758	785
	3	Kurnool	0.00%	98.85%	1.15%	1.15%	803	751	780
	4	Maheshwaram	0.00%	97.50%	2.50%	2.50%	807	753	781
	5	Nellore PS	0.00%	98.73%	1.27%	1.27%	804	751	778
	6	Nizamabad	0.00%	94.25%	5.75%	5.75%	806	757	788
	7	Raichur	0.00%	99.99%	0.01%	0.01%	800	752	779
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	800	751	780
	9	Thiruvallam	0.00%	99.24%	0.76%	0.76%	802	750	781
	10	Vemagiri	0.00%	95.87%	4.13%	4.13%	807	751	777
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	784	753	773
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	790	770	779
	3	Gaya	0.00%	100.00%	0.00%	0.00%	793	736	774
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	755	785
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	792	753	769
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	791	740	764
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	793	760	778
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	787	737	713
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	406
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	404
	3	Biswanath Charaii (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	406
	4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	408
	5	Bongajagan TPS (400 kV)	0.00%	99.71%	0.00%	0.00%	421	402	410
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	404	411
	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%	415	396	404
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	405
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	406
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	407
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	415	396	404
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	408
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	407
	16	Surajmani Nagar (Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	407	395	401

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