

**POWER SYSTEM OPERATION CORPORATION LIMITED**  
**NATIONAL LOAD DESPATCH CENTRE**  
**NEW DELHI**

**System Reliability Indices Report for the week from**  
**02-May-2022 to 08-May-2022**

Date: 13-May-2022

**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 02-May-2022 to 08-May-2022

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%	787	741	767	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	787	741	767	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	761	768	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	761	768	
	5	Anta	0.00%	99.61%	0.39%	0.39%	800	756	781	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	784	746	766	
	7	Bara	0.00%	100.00%	0.00%	0.00%	779	763	769	
	8	Bhiwani	0.00%	99.77%	0.23%	0.23%	802	750	776	
	9	Bareilly	0.00%	98.36%	1.64%	1.64%	808	749	773	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	753	770	
	11	Greater Noida	0.00%	99.42%	0.58%	0.58%	806	758	777	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	738	771	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	786	750	767	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	791	747	768	
	17	Moga	0.00%	100.00%	0.00%	0.00%	799	743	769	
	18	Phagi	0.00%	98.96%	1.04%	1.04%	803	746	781	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	786	759	773	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	783	739	760	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	790	757	774
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	750	775
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	748	771	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	789	762	777	
5		Bina	0.00%	100.00%	0.00%	0.00%	795	767	779	
6		Champa	0.00%	89.18%	10.82%	10.82%	811	782	795	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	763	777	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	753	774	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	793	753	770	
10		Gwalior	0.00%	99.61%	0.39%	0.39%	802	768	782	
11		Indore	0.00%	100.00%	0.00%	0.00%	785	750	771	
12		Jabalpur	0.00%	98.77%	1.23%	1.23%	806	775	787	
13		Koradi	0.00%	100.00%	0.00%	0.00%	780	758	769	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	747	777	
15		Raigarh Pooling	0.00%	99.51%	0.49%	0.49%	804	780	790	
16		Raipur Pooling	0.00%	99.73%	0.27%	0.27%	802	778	789	
17		Sasan	0.00%	100.00%	0.00%	0.00%	785	769	776	
18		Satna	0.00%	100.00%	0.00%	0.00%	797	773	783	
19		Seoni	0.00%	100.00%	0.00%	0.00%	795	764	780	
20		Sipat	0.00%	100.00%	0.00%	0.00%	788	768	778	
21		Solapur	0.00%	99.95%	0.05%	0.05%	801	751	779	
22		Tannar	0.00%	99.61%	0.39%	0.39%	803	782	791	
23		Tirora	0.00%	100.00%	0.00%	0.00%	774	757	766	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	790	749	771	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	749	779	
26		Wardha	0.00%	100.00%	0.00%	0.00%	790	749	779	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	798	743	774	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	794	744	774	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	746	774	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	793	749	771	
	4	Nizamabad	0.00%	99.56%	0.44%	0.44%	801	764	776	
	5	Srikakulam	0.00%	95.83%	4.17%	4.17%	818	744	787	
	6	Thiruvallam	0.00%	95.83%	4.17%	4.17%	818	744	787	
	7	Vemagiri	0.00%	77.85%	22.15%	22.15%	816	755	787	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	798	745	792	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	778	754	778	
	3	Jharsuguda	0.00%	99.71%	0.29%	0.29%	803	769	767	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	794	768	786	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	784	756	782	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	406	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	406	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	403	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	408	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	405	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	405	
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	404	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	409	
	9	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	404	

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