

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

**System Reliability Indices Report for the week from
10-Oct-2022 to 16-Oct-2022**

Date: 21-Oct-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 10-Oct-2022 to 16-Oct-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%	792	756	777	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	792	756	777	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	755	764	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	772	755	764	
	5	Anta	0.00%	100.00%	0.00%	0.00%	792	763	780	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	790	751	772	
	7	Bara	0.00%	100.00%	0.00%	0.00%	782	763	769	
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	757	782	
	9	Bareilly	0.00%	99.13%	0.87%	0.87%	804	757	782	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	739	767	
	11	Greater Noida	0.00%	98.59%	1.41%	1.41%	805	764	785	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	752	777	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	750	771	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	792	750	774	
	17	Moga	0.00%	99.98%	0.02%	0.02%	801	747	775	
	18	Phagi	0.00%	100.00%	0.00%	0.00%	799	760	781	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	793	760	777	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	776	738	760	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	751	773
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	745	773
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	747	772	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	788	760	775	
5		Bina	0.00%	100.00%	0.00%	0.00%	799	761	780	
6		Champa	0.00%	94.36%	5.64%	5.64%	805	775	792	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	760	774	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	747	773	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	793	747	769	
10		Gwalior	0.00%	99.40%	0.60%	0.60%	803	763	783	
11		Indore	0.00%	100.00%	0.00%	0.00%	796	745	770	
12		Jabalpur	0.00%	97.31%	2.69%	2.69%	806	767	787	
13		Koradi	0.00%	100.00%	0.00%	0.00%	783	746	765	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	740	774	
15		Raigarh Pooling	0.00%	99.98%	0.02%	0.02%	800	774	788	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	772	787	
17		Sasan	0.00%	100.00%	0.00%	0.00%	794	768	779	
18		Satna	0.00%	99.98%	0.02%	0.02%	803	769	784	
19		Seoni	0.00%	99.94%	0.06%	0.06%	802	759	780	
20		Sipat	0.00%	100.00%	0.00%	0.00%	788	764	776	
21		Solapur	0.00%	99.88%	0.12%	0.12%	802	757	781	
22		Tannar	0.00%	99.88%	0.12%	0.12%	802	776	789	
23		Tirora	0.00%	100.00%	0.00%	0.00%	775	748	763	
24		Vadodara	0.00%	99.98%	0.02%	0.02%	800	737	772	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	800	737	782	
26		Wardha	0.00%	100.00%	0.00%	0.00%	800	737	782	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	792	741	772	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	794	757	772	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	756	775	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	797	760	774	
	4	Nizamabad	0.00%	89.69%	10.31%	10.31%	803	766	778	
	5	Srikakulam	0.00%	99.30%	0.70%	0.70%	802	759	787	
	6	Thiruvallam	0.00%	99.30%	0.70%	0.70%	802	759	783	
	7	Vemagiri	0.00%	100.00%	0.00%	0.00%	796	751	783	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	792	755	779	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	784	753	774	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	772	770	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	797	767	788	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	787	746	766	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	392	401	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	408	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	405	412	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	406	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	403	
	7	Ranganadi (400 kV)	0.00%	99.99%	0.01%	0.01%	420	406	413	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	404	
	9	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	409	

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