

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

**System Reliability Indices Report for the week from
03-Oct-2022 to 09-Oct-2022**

Date: 14-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	16	4.00	2.38
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	6	1.50	0.89
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 03-Oct-2022 to 09-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%	791	755	775	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	791	755	775	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	756	765	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	773	756	765	
	5	Anta	0.00%	100.00%	0.00%	0.00%	791	766	780	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	786	747	769	
	7	Bara	0.00%	100.00%	0.00%	0.00%	780	763	769	
	8	Bhiwani	0.00%	99.97%	0.03%	0.03%	801	756	781	
	9	Bareilly	0.00%	99.45%	0.55%	0.55%	803	747	778	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	751	769	
	11	Greater Noida	0.00%	99.30%	0.70%	0.70%	802	759	783	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	749	774	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	785	751	769	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	795	743	771	
	17	Moga	0.00%	99.78%	0.22%	0.22%	802	745	774	
	18	Phagi	0.00%	99.99%	0.01%	0.01%	800	760	781	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	788	759	775	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	786	742	766	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	755	777
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	747	776
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	748	770	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	783	761	774	
5		Bina	0.00%	100.00%	0.00%	0.00%	795	762	780	
6		Champa	0.00%	99.95%	0.05%	0.05%	800	776	791	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	762	773	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	751	777	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	798	751	774	
10		Gwalior	0.00%	100.00%	0.00%	0.00%	800	767	783	
11		Indore	0.00%	100.00%	0.00%	0.00%	795	747	772	
12		Jabalpur	0.00%	98.24%	1.76%	1.76%	803	767	786	
13		Koradi	0.00%	100.00%	0.00%	0.00%	782	752	769	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	737	776	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	773	786	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	771	785	
17		Sasan	0.00%	100.00%	0.00%	0.00%	792	768	779	
18		Satna	0.00%	100.00%	0.00%	0.00%	797	767	783	
19		Seoni	0.00%	100.00%	0.00%	0.00%	793	759	779	
20		Sipat	0.00%	100.00%	0.00%	0.00%	784	764	775	
21		Solapur	0.00%	100.00%	0.00%	0.00%	799	757	781	
22		Tannar	0.00%	100.00%	0.00%	0.00%	798	775	788	
23		Tirora	0.00%	100.00%	0.00%	0.00%	776	753	767	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	797	742	775	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	742	781	
26		Wardha	0.00%	100.00%	0.00%	0.00%	797	742	781	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	793	742	769	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	791	750	769	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	754	774	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	795	754	774	
	4	Nizamabad	0.00%	92.53%	7.47%	7.47%	804	756	779	
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	798	761	786	
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	798	761	784	
	7	Vemagiri	0.00%	100.00%	0.00%	0.00%	793	755	783	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	797	758	777	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	794	755	776	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	751	770	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	794	405	782	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	780	397	714	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	407	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	403	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	411	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	407	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	404	
	7	Ranganadi (400 kV)	0.00%	99.05%	0.95%	0.95%	425	401	413	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	405	
	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.