

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

**System Reliability Indices Report for the week from
11-Jul-2022 to 17-Jul-2022**

Date: 22-Jul-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 11-Jul-2022 to 17-Jul-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%	790	745	770	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	790	745	770	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	760	768	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	760	768	
	5	Anta	0.00%	100.00%	0.00%	0.00%	793	760	781	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	794	742	769	
	7	Bara	0.00%	100.00%	0.00%	0.00%	781	763	769	
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	751	778	
	9	Bareilly	0.00%	99.10%	0.90%	0.90%	807	742	775	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	742	769	
	11	Greater Noida	0.00%	99.65%	0.35%	0.35%	801	750	777	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	793	745	770	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	740	770	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	799	740	774	
	17	Moga	0.00%	100.00%	0.00%	0.00%	796	735	768	
	18	Phagi	0.00%	100.00%	0.00%	0.00%	798	753	780	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	791	753	772	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	783	734	760	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	758	778
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	751	775
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	751	770	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	787	765	777	
5		Bina	0.00%	100.00%	0.00%	0.00%	796	761	781	
6		Champa	0.00%	97.71%	2.29%	2.29%	806	768	788	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	764	772	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	757	777	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	792	757	778	
10		Gwalior	0.00%	99.94%	0.06%	0.06%	801	738	784	
11		Indore	0.00%	100.00%	0.00%	0.00%	787	750	772	
12		Jabalpur	0.00%	100.00%	0.00%	0.00%	797	767	785	
13		Koradi	0.00%	100.00%	0.00%	0.00%	776	750	766	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	747	780	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	770	783	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	768	781	
17		Sasan	0.00%	100.00%	0.00%	0.00%	786	764	776	
18		Satna	0.00%	100.00%	0.00%	0.00%	798	767	785	
19		Seoni	0.00%	100.00%	0.00%	0.00%	795	766	782	
20		Sipat	0.00%	100.00%	0.00%	0.00%	788	770	779	
21		Solapur	0.00%	98.07%	1.93%	1.93%	804	758	783	
22		Tamnar	0.00%	100.00%	0.00%	0.00%	797	775	786	
23		Tirora	0.00%	100.00%	0.00%	0.00%	768	748	761	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	799	759	780	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	799	759	780	
26		Wardha	0.00%	100.00%	0.00%	0.00%	799	759	780	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	786	741	765	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	793	738	765	
	2	Nellore PS	0.00%	99.66%	0.34%	0.34%	804	742	767	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	799	747	771	
	4	Nizamabad	0.00%	92.27%	7.73%	7.73%	804	747	774	
	5	Srikakulam	0.00%	99.76%	0.24%	0.24%	801	759	785	
	6	Thiruvallam	0.00%	99.76%	0.24%	0.24%	801	759	782	
	7	Vemagiri	0.00%	100.00%	0.00%	0.00%	798	759	782	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	797	766	780	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	781	746	785	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	778	763	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	794	768	791	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	795	741	770	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	405	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	404	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	407	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	405	411	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	408	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	405	
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	402	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	406	
	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.