

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

**System Reliability Indices Report for the week from
22-Aug-2022 to 28-Aug-2022**

Date: 2-Sep-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 22-Aug-2022 to 28-Aug-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%	786	743	768	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	786	743	768	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	759	767	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	759	767	
	5	Anta	0.00%	100.00%	0.00%	0.00%	792	767	780	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	789	750	772	
	7	Bara	0.00%	100.00%	0.00%	0.00%	778	763	769	
	8	Bhiwani	0.00%	99.95%	0.05%	0.05%	801	757	779	
	9	Bareilly	0.00%	98.24%	1.76%	1.76%	807	749	776	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	745	768	
	11	Greater Noida	0.00%	100.00%	0.00%	0.00%	799	752	777	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	745	771	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	785	746	768	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	800	748	776	
	17	Moga	0.00%	99.97%	0.03%	0.03%	802	747	774	
	18	Phagi	0.00%	99.93%	0.07%	0.07%	801	760	780	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	788	757	775	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	776	738	760	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	790	753	774
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	789	748	773
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	750	769	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	786	761	775	
5		Bina	0.00%	100.00%	0.00%	0.00%	789	759	776	
6		Champa	0.00%	97.81%	2.19%	2.19%	805	772	790	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	759	777	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	751	770	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	787	751	773	
10		Gwalior	0.00%	100.00%	0.00%	0.00%	797	760	781	
11		Indore	0.00%	100.00%	0.00%	0.00%	783	746	767	
12		Jabalpur	0.00%	100.00%	0.00%	0.00%	799	771	785	
13		Koradi	0.00%	100.00%	0.00%	0.00%	777	748	764	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	743	777	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	770	784	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	768	783	
17		Sasan	0.00%	100.00%	0.00%	0.00%	786	766	777	
18		Satna	0.00%	100.00%	0.00%	0.00%	795	769	784	
19		Seoni	0.00%	100.00%	0.00%	0.00%	793	760	779	
20		Sipat	0.00%	100.00%	0.00%	0.00%	786	765	777	
21		Solapur	0.00%	100.00%	0.00%	0.00%	800	755	782	
22		Tannar	0.00%	100.00%	0.00%	0.00%	794	772	784	
23		Tirora	0.00%	100.00%	0.00%	0.00%	772	749	762	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	793	755	774	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	793	755	781	
26		Wardha	0.00%	100.00%	0.00%	0.00%	793	755	781	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	788	746	771	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	797	747	771	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	749	775	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	799	750	774	
	4	Nizamabad	0.00%	85.28%	14.72%	14.72%	811	738	778	
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	798	747	784	
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	798	747	777	
	7	Vemagiri	0.00%	96.02%	3.98%	3.98%	811	748	777	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	794	751	777	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	784	755	774	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	767	772	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	793	767	784	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	797	749	770	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	397	404	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	403	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	407	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	405	410	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	407	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	405	
	7	Ranganadi (400 kV)	0.00%	94.12%	5.88%	5.88%	424	406	415	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	407	
	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.