

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

**System Reliability Indices Report for the week from
18-Apr-2022 to 24-Apr-2022**

Date: 28-Apr-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 18-Apr-2022 to 24-Apr-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%	782	746	763	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	782	746	763	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	762	769	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	781	762	769	
	5	Anta	0.00%	100.00%	0.00%	0.00%	796	770	780	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	784	749	763	
	7	Bara	0.00%	100.00%	0.00%	0.00%	779	763	769	
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	756	774	
	9	Bareilly	0.00%	100.00%	0.00%	0.00%	799	750	774	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	750	767	
	11	Greater Noida	0.00%	100.00%	0.00%	0.00%	797	755	776	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	789	750	769	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	785	750	765	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	799	756	773	
	17	Moga	0.00%	100.00%	0.00%	0.00%	797	749	771	
	18	Phagi	0.00%	99.94%	0.06%	0.06%	802	761	779	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	785	760	770	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	784	742	760	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	795	759	775
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	746	773
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	753	773	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	790	758	776	
5		Bina	0.00%	100.00%	0.00%	0.00%	794	766	778	
6		Champa	0.00%	92.63%	7.37%	7.37%	810	773	794	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	765	775	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	750	774	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	798	750	770	
10		Gwalior	0.00%	100.00%	0.00%	0.00%	797	765	780	
11		Indore	0.00%	100.00%	0.00%	0.00%	794	747	771	
12		Jabalpur	0.00%	100.00%	0.00%	0.00%	799	772	784	
13		Koradi	0.00%	100.00%	0.00%	0.00%	783	758	770	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	741	778	
15		Raigarh Pooling	0.00%	99.91%	0.09%	0.09%	803	775	790	
16		Raipur Pooling	0.00%	99.94%	0.06%	0.06%	801	774	788	
17		Sasan	0.00%	100.00%	0.00%	0.00%	783	768	775	
18		Satna	0.00%	100.00%	0.00%	0.00%	793	772	781	
19		Seoni	0.00%	100.00%	0.00%	0.00%	797	759	779	
20		Sipat	0.00%	100.00%	0.00%	0.00%	789	765	777	
21		Solapur	0.00%	99.46%	0.54%	0.54%	803	750	779	
22		Tannar	0.00%	99.93%	0.07%	0.07%	802	780	791	
23		Tirora	0.00%	100.00%	0.00%	0.00%	776	756	766	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	796	748	772	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	796	748	778	
26		Wardha	0.00%	100.00%	0.00%	0.00%	796	748	778	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	799	754	773	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	796	747	773	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	730	776	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	796	750	772	
	4	Nizamabad	0.00%	69.89%	30.11%	30.11%	813	761	777	
	5	Srikakulam	0.00%	88.66%	11.34%	11.34%	810	761	794	
	6	Thiruvallam	0.00%	88.66%	11.34%	11.34%	810	761	790	
	7	Vemagiri	0.00%	66.22%	33.78%	33.78%	819	764	790	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	798	765	795	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	780	752	783	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	765	763	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	793	763	777	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	780	750	779	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	762	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	392	407	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	404	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	409	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	405	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	405	
	7	Ranganadi (400 kV)	0.00%	98.30%	1.70%	1.70%	422	401	404	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	410	
	9	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	405	

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