

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

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

Date: 22-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 11-Apr-2022 to 17-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%	785	747	765
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	785	747	765
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	760	766
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	760	766
	5	Anta	0.00%	100.00%	0.00%	0.00%	798	764	781
	6	Ballia	0.00%	100.00%	0.00%	0.00%	780	739	758
	7	Bara	0.00%	100.00%	0.00%	0.00%	778	763	769
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	750	776
	9	Bareilly	0.00%	100.00%	0.00%	0.00%	797	747	771
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	743	767
	11	Greater Noida	0.00%	100.00%	0.00%	0.00%	796	756	776
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	790	740	771
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	786	745	765
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	795	741	765
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	767	737	754
	17	Moga	0.00%	100.00%	0.00%	0.00%	797	741	771
	18	Phagi	0.00%	99.91%	0.09%	0.09%	802	758	780
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	785	755	769
	20	Unnao	0.00%	100.00%	0.00%	0.00%	781	740	757
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	795	756
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	796	749	776
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	750	771
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	786	762	773
5		Bina	0.00%	100.00%	0.00%	0.00%	792	763	778
6		Champa	0.00%	99.78%	0.22%	0.22%	804	777	789
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	765	773
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	746	775
9		Ektuni	0.00%	100.00%	0.00%	0.00%	798	746	772
10		Gwalior	0.00%	100.00%	0.00%	0.00%	797	759	782
11		Indore	0.00%	100.00%	0.00%	0.00%	796	747	773
12		Jabalpur	0.00%	100.00%	0.00%	0.00%	799	772	784
13		Koradi	0.00%	100.00%	0.00%	0.00%	780	758	769
14		Pune	0.00%	100.00%	0.00%	0.00%	800	735	777
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	779	786
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	777	785
17		Sasan	0.00%	100.00%	0.00%	0.00%	784	765	775
18		Satna	0.00%	100.00%	0.00%	0.00%	793	767	782
19		Seoni	0.00%	100.00%	0.00%	0.00%	792	759	777
20		Sipat	0.00%	100.00%	0.00%	0.00%	786	765	774
21		Solapur	0.00%	98.85%	1.15%	1.15%	803	752	781
22		Tamnar	0.00%	100.00%	0.00%	0.00%	799	781	788
23		Tirora	0.00%	100.00%	0.00%	0.00%	773	756	766
24		Vadodara	0.00%	100.00%	0.00%	0.00%	795	746	775
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	746	778
26		Wardha	0.00%	100.00%	0.00%	0.00%	795	746	778
27		Bhuj	0.00%	100.00%	0.00%	0.00%	796	731	778
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	797	746	778
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	748	777
	3	Raichur	0.00%	100.00%	0.00%	0.00%	798	752	775
	4	Nizamabad	0.00%	75.05%	24.95%	24.95%	811	756	779
	5	Srikakulam	0.00%	86.38%	13.62%	13.62%	809	768	790
	6	Thiruvallam	0.00%	86.38%	13.62%	13.62%	809	768	791
	7	Vemagiri	0.00%	65.32%	34.68%	34.68%	820	762	791
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	796	766	794
	2	Gaya	0.00%	100.00%	0.00%	0.00%	775	747	781
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	765	760
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	790	765	779
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	783	741	777
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	407
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	405
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	409
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	408	400	405
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	405
	7	Ranganadi (400 kV)	0.00%	99.76%	0.24%	0.24%	421	400	406
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	383	411
	9	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	407

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