

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

**System Reliability Indices Report for the week from**  
**04-Apr-2022 to 10-Apr-2022**

Date: 13-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 04-Apr-2022 to 10-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%	786	752	769
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	786	752	769
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	759	767
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	776	759	767
	5	Anta	0.00%	100.00%	0.00%	0.00%	799	768	781
	6	Ballia	0.00%	100.00%	0.00%	0.00%	776	742	760
	7	Bara	0.00%	100.00%	0.00%	0.00%	781	763	769
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	792	756	777
	9	Bareilly	0.00%	100.00%	0.00%	0.00%	792	746	773
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	743	768
	11	Greater Noida	0.00%	100.00%	0.00%	0.00%	795	764	780
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	755	774
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	787	746	768
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	785	743	765
	15	Lalitpur	0.00%	100.01%	0.00%	0.00%	768	746	757
	17	Moga	0.00%	100.00%	0.00%	0.00%	798	746	773
	18	Phagi	0.00%	100.00%	0.00%	0.00%	799	764	779
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	784	755	771
	20	Unnao	0.00%	100.00%	0.00%	0.00%	792	741	760
	WR	1	Akola	0.00%	99.88%	0.12%	0.12%	803	754
2		Aurangabad	0.00%	99.45%	0.55%	0.55%	805	755	777
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	750	770
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	786	763	774
5		Bina	0.00%	100.00%	0.00%	0.00%	792	765	779
6		Champa	0.00%	91.31%	8.69%	8.69%	809	775	792
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	766	775
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	752	772
9		Ektuni	0.00%	100.00%	0.00%	0.00%	799	752	770
10		Gwalior	0.00%	100.00%	0.00%	0.00%	799	764	784
11		Indore	0.00%	100.00%	0.00%	0.00%	794	752	769
12		Jabalpur	0.00%	100.00%	0.00%	0.00%	800	772	787
13		Koradi	0.00%	100.00%	0.00%	0.00%	784	756	768
14		Pune	0.00%	100.00%	0.00%	0.00%	800	750	780
15		Raigarh Pooling	0.00%	99.26%	0.74%	0.74%	802	775	788
16		Raipur Pooling	0.00%	99.95%	0.05%	0.05%	800	774	787
17		Sasan	0.00%	100.00%	0.00%	0.00%	784	765	777
18		Satna	0.00%	100.00%	0.00%	0.00%	795	771	784
19		Seoni	0.00%	100.00%	0.00%	0.00%	793	761	776
20		Sipat	0.00%	100.00%	0.00%	0.00%	786	765	775
21		Solapur	0.00%	95.97%	4.03%	4.03%	809	751	784
22		Tamnar	0.00%	99.35%	0.65%	0.65%	802	777	789
23		Tirora	0.00%	100.00%	0.00%	0.00%	775	756	764
24		Vadodara	0.00%	100.00%	0.00%	0.00%	798	751	775
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	798	751	780
26		Wardha	0.00%	100.00%	0.00%	0.00%	798	751	780
27		Bhuj	0.00%	100.00%	0.00%	0.00%	792	742	768
SR	1	Kurnool	0.00%	99.98%	0.02%	0.02%	801	744	768
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	747	773
	3	Raichur	0.00%	99.91%	0.09%	0.09%	803	750	772
	4	Nizamabad	0.00%	81.38%	18.62%	18.62%	814	742	776
	5	Srikakulam	0.00%	98.03%	1.97%	1.97%	812	763	784
	6	Thiruvallam	0.00%	98.03%	1.97%	1.97%	812	763	784
	7	Vemagiri	0.00%	84.56%	15.44%	15.44%	818	759	784
ER	1	Angul	0.00%	99.96%	0.04%	0.04%	801	765	789
	2	Gaya	0.00%	100.00%	0.00%	0.00%	774	749	780
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	770	762
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	792	744	785
	5	Sasaram	0.00%	99.92%	0.08%	0.08%	802	403	776
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	714
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	406
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	406
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	405	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%	417	399	405
	7	Ranganadi (400 kV)	0.00%	99.56%	0.44%	0.44%	421	399	407
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	410
	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.