

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

**System Reliability Indices Report for the week from**  
**10-Jan-2022 to 16-Jan-2022**

Date: 21-Jan-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 10-Jan-2022 to 16-Jan-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%	795	749	775
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	795	749	775
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	754	769
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	784	754	769
	5	Anta	0.00%	100.00%	0.00%	0.00%	796	760	779
	6	Ballia	0.00%	100.00%	0.00%	0.00%	785	740	768
	7	Bara	0.00%	100.00%	0.00%	0.00%	782	763	769
	8	Bhiwani	0.00%	99.84%	0.16%	0.16%	800	755	778
	9	Bareilly	0.00%	96.65%	3.35%	3.35%	804	751	781
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	740	766
	11	Greater Noida	0.00%	98.16%	1.84%	1.84%	803	759	783
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	754	778
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	796	748	773
	14	Lucknow	0.00%	99.74%	0.26%	0.26%	802	742	775
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	783	749	768
	17	Moga	0.00%	100.00%	0.00%	0.00%	796	737	769
	18	Phagi	0.00%	99.88%	0.12%	0.12%	802	749	782
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	790	756	775
	20	Unnao	0.00%	100.00%	0.00%	0.00%	790	742	768
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	789	752
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	796	747	779
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	751	774
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	789	761	777
5		Bina	0.00%	100.00%	0.00%	0.00%	800	763	784
6		Champa	0.00%	81.40%	18.60%	18.60%	810	762	791
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	758	776
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	752	778
9		Ektuni	0.00%	100.00%	0.00%	0.00%	796	752	772
10		Gwalior	0.00%	98.90%	1.10%	1.10%	804	761	784
11		Indore	0.00%	100.00%	0.00%	0.00%	796	740	774
12		Jabalpur	0.00%	88.50%	11.50%	11.50%	806	769	790
13		Koradi	0.00%	100.00%	0.00%	0.00%	781	749	768
14		Pune	0.00%	100.00%	0.00%	0.00%	800	747	787
15		Raigarh Pooling	0.00%	95.59%	4.41%	4.41%	803	772	790
16		Raipur Pooling	0.00%	98.76%	1.24%	1.24%	802	771	788
17		Sasan	0.00%	100.00%	0.00%	0.00%	793	768	780
18		Satna	0.00%	95.26%	4.74%	4.74%	801	771	787
19		Seoni	0.00%	100.00%	0.00%	0.00%	797	760	782
20		Sipat	0.00%	100.00%	0.00%	0.00%	790	765	778
21		Solapur	0.00%	97.03%	2.97%	2.97%	806	759	788
22		Tamnar	0.00%	95.61%	4.39%	4.39%	803	774	790
23		Tirora	0.00%	100.00%	0.00%	0.00%	775	751	765
24		Vadodara	0.00%	100.00%	0.00%	0.00%	798	752	780
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	798	752	783
26		Wardha	0.00%	100.00%	0.00%	0.00%	798	752	783
27		Bhuj	0.00%	100.00%	0.00%	0.00%	795	752	771
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	795	751	771
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	752	777
	3	Raichur	0.00%	100.00%	0.00%	0.00%	798	755	778
	4	Nizamabad	0.00%	95.68%	4.32%	4.32%	811	761	781
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	799	754	789
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	799	754	779
	7	Vemagiri	0.00%	95.01%	4.99%	4.99%	811	751	779
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	792	752	783
	2	Gaya	0.00%	100.00%	0.00%	0.00%	783	748	772
	3	Jharsuguda	0.00%	98.09%	1.91%	1.91%	803	771	768
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	793	761	788
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	783	740	781
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	764
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	408
	3	Bongaigaon (400 kV)	0.00%	95.08%	4.92%	4.92%	421	400	405
	4	Bongaigaon TPS (400 kV)	0.00%	86.45%	13.55%	13.55%	423	402	412
	6	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	405
	7	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	405
	8	Ranganadi (400 kV)	0.00%	97.76%	2.24%	2.24%	426	399	406
	9	Biswanath Chariali (400 kV)	0.00%	99.94%	0.06%	0.06%	421	395	410
	10	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	406

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