

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

**System Reliability Indices Report for the week from**  
**24-Jan-2022 to 30-Jan-2022**

Date: 4-Feb-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 24-Jan-2022 to 30-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	750	779
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	795	750	779
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	760	771
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	760	771
	5	Anta	0.00%	100.00%	0.00%	0.00%	793	755	778
	6	Ballia	0.00%	100.00%	0.00%	0.00%	789	745	769
	7	Bara	0.00%	100.00%	0.00%	0.00%	778	763	769
	8	Bhiwani	0.00%	99.54%	0.46%	0.46%	801	756	780
	9	Bareilly	0.00%	97.60%	2.40%	2.40%	804	755	782
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	742	768
	11	Greater Noida	0.00%	98.09%	1.91%	1.91%	804	761	785
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	755	779
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	751	772
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	796	748	774
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	785	755	773
	17	Moga	0.00%	99.67%	0.33%	0.33%	808	743	772
	18	Phagi	0.00%	99.86%	0.14%	0.14%	802	753	780
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	791	759	775
	20	Unnao	0.00%	100.00%	0.00%	0.00%	791	745	769
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	796	752
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	790	737	773
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	748	771
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	787	761	775
5		Bina	0.00%	100.00%	0.00%	0.00%	797	759	779
6		Champa	0.00%	81.66%	18.34%	18.34%	806	776	794
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	759	775
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	746	773
9		Ektuni	0.00%	100.00%	0.00%	0.00%	798	746	770
10		Gwalior	0.00%	100.00%	0.00%	0.00%	800	762	783
11		Indore	0.00%	100.00%	0.00%	0.00%	794	746	771
12		Jabalpur	0.00%	98.00%	2.00%	2.00%	804	767	786
13		Koradi	0.00%	100.00%	0.00%	0.00%	780	744	767
14		Pune	0.00%	100.00%	0.00%	0.00%	800	744	781
15		Raigarh Pooling	0.00%	99.88%	0.12%	0.12%	801	774	789
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	773	788
17		Sasan	0.00%	100.00%	0.00%	0.00%	791	766	777
18		Satna	0.00%	98.85%	1.15%	1.15%	800	768	784
19		Seoni	0.00%	100.00%	0.00%	0.00%	792	753	774
20		Sipat	0.00%	100.00%	0.00%	0.00%	788	762	776
21		Solapur	0.00%	98.54%	1.46%	1.46%	804	758	784
22		Tamnar	0.00%	99.82%	0.18%	0.18%	801	776	790
23		Tirora	0.00%	100.00%	0.00%	0.00%	774	751	764
24		Vadodara	0.00%	99.92%	0.08%	0.08%	801	743	776
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	801	743	781
26		Wardha	0.00%	100.00%	0.00%	0.00%	801	743	781
27		Bhuj	0.00%	100.00%	0.00%	0.00%	792	743	769
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	795	740	769
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	744	774
	3	Raichur	0.00%	100.00%	0.00%	0.00%	797	746	774
	4	Nizamabad	0.00%	99.36%	0.64%	0.64%	800	743	777
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	796	741	781
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	796	741	782
	7	Vemagiri	0.00%	87.94%	12.06%	12.06%	808	738	782
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	792	744	785
	2	Gaya	0.00%	100.00%	0.00%	0.00%	783	750	774
	3	Jharsuguda	0.00%	99.96%	0.04%	0.04%	801	770	768
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	791	761	786
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	785	748	778
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	408
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	407
	3	Bongaigaon (400 kV)	0.00%	99.98%	0.02%	0.02%	420	400	406
	4	Bongaigaon TPS (400 kV)	0.00%	94.24%	5.76%	5.76%	421	402	412
	6	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	407
	7	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	407
	8	Ranganadi (400 kV)	0.00%	99.38%	0.62%	0.62%	422	396	408
	9	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	411
	10	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.