

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

**System Reliability Indices Report for the week from**  
**31-Jan-2022 to 06-Feb-2022**

Date: 11-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 31-Jan-2022 to 06-Feb-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	746	776
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	795	746	776
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	758	768
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	758	768
	5	Anta	0.00%	100.00%	0.00%	0.00%	794	755	779
	6	Ballia	0.00%	100.00%	0.00%	0.00%	785	746	769
	7	Bara	0.00%	100.00%	0.00%	0.00%	785	763	769
	8	Bhiwani	0.00%	99.74%	0.26%	0.26%	802	757	781
	9	Bareilly	0.00%	98.22%	1.78%	1.78%	803	747	780
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	742	769
	11	Greater Noida	0.00%	96.25%	3.75%	3.75%	805	757	787
	12	Jhatikara	0.00%	99.93%	0.07%	0.07%	801	754	781
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	747	770
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	799	748	775
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	787	750	767
	17	Moga	0.00%	99.85%	0.15%	0.15%	807	744	773
	18	Phagi	0.00%	99.42%	0.58%	0.58%	805	748	782
	19	Varanasi	0.02%	99.98%	0.00%	0.02%	787	727	775
	20	Unnao	0.00%	100.00%	0.00%	0.00%	789	745	766
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	794	749
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	793	746	771
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	747	770
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	787	759	773
5		Bina	0.00%	100.00%	0.00%	0.00%	796	754	778
6		Champa	0.00%	94.34%	5.66%	5.66%	806	775	792
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	759	774
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	749	773
9		Ektuni	0.00%	100.00%	0.00%	0.00%	797	749	765
10		Gwalior	0.00%	100.00%	0.00%	0.00%	798	746	782
11		Indore	0.00%	100.00%	0.00%	0.00%	792	747	771
12		Jabalpur	0.00%	98.18%	1.82%	1.82%	803	764	785
13		Koradi	0.00%	100.00%	0.00%	0.00%	780	752	766
14		Pune	0.00%	100.00%	0.00%	0.00%	800	748	779
15		Raigarh Pooling	0.00%	99.07%	0.93%	0.93%	801	775	789
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	774	787
17		Sasan	0.00%	100.00%	0.00%	0.00%	788	763	777
18		Satna	0.00%	100.00%	0.00%	0.00%	796	763	782
19		Seoni	0.00%	100.00%	0.00%	0.00%	793	750	773
20		Sipat	0.00%	100.00%	0.00%	0.00%	787	760	774
21		Solapur	0.00%	98.18%	1.82%	1.82%	806	760	784
22		Tamnar	0.00%	99.82%	0.18%	0.18%	801	777	789
23		Tirora	0.00%	100.00%	0.00%	0.00%	772	751	763
24		Vadodara	0.00%	100.00%	0.00%	0.00%	796	748	773
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	796	748	780
26		Wardha	0.00%	100.00%	0.00%	0.00%	796	748	780
27		Bhuj	0.00%	99.96%	0.04%	0.04%	803	740	769
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	794	741	769
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	744	774
	3	Raichur	0.00%	100.00%	0.00%	0.00%	797	749	774
	4	Nizamabad	0.00%	96.06%	3.94%	3.94%	811	749	777
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	797	745	780
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	797	745	774
	7	Vemagiri	0.00%	87.52%	12.48%	12.48%	809	744	774
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	791	745	785
	2	Gaya	0.00%	100.00%	0.00%	0.00%	782	748	770
	3	Jharsuguda	0.00%	99.89%	0.11%	0.11%	800	767	768
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	792	760	785
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	782	745	779
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	407
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	408
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	405
	4	Bongaigaon TPS (400 kV)	0.00%	97.24%	2.76%	2.76%	422	403	412
	6	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	407
	7	Misa (400 kV)	0.00%	99.80%	0.20%	0.20%	421	397	407
	8	Ranganadi (400 kV)	0.00%	99.23%	0.77%	0.77%	422	397	408
	9	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	409
	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.