

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

**System Reliability Indices Report for the week from
07-Feb-2022 to 13-Feb-2022**

Date: 18-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 07-Feb-2022 to 13-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%	794	743	774
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	794	743	774
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	755	764
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	755	764
	5	Anta	0.00%	99.90%	0.10%	0.10%	801	765	782
	6	Ballia	0.00%	100.00%	0.00%	0.00%	787	749	767
	7	Bara	0.00%	100.00%	0.00%	0.00%	786	763	769
	8	Bhiwani	0.00%	99.75%	0.25%	0.25%	801	762	782
	9	Bareilly	0.00%	99.08%	0.92%	0.92%	803	753	781
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	740	767
	11	Greater Noida	0.00%	98.90%	1.10%	1.10%	803	759	785
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	754	780
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	748	773
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	795	753	775
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	772	744	760
	17	Moga	0.00%	99.99%	0.01%	0.01%	800	736	775
	18	Phagi	0.00%	99.94%	0.06%	0.06%	802	756	782
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	787	758	774
	20	Unnao	0.00%	100.00%	0.00%	0.00%	786	734	764
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	793	753
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	790	743	768
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	748	769
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	782	759	771
5		Bina	0.00%	100.00%	0.00%	0.00%	794	755	776
6		Champa	0.00%	100.00%	0.00%	0.00%	799	774	787
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	760	771
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	747	771
9		Ektuni	0.00%	100.00%	0.00%	0.00%	794	747	763
10		Gwalior	0.00%	99.96%	0.04%	0.04%	800	757	781
11		Indore	0.00%	100.00%	0.00%	0.00%	791	745	770
12		Jabalpur	0.00%	100.00%	0.00%	0.00%	799	765	782
13		Koradi	0.00%	100.00%	0.00%	0.00%	779	754	766
14		Pune	0.00%	100.00%	0.00%	0.00%	800	743	778
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	773	784
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	772	782
17		Sasan	0.00%	100.00%	0.00%	0.00%	786	765	776
18		Satna	0.00%	100.00%	0.00%	0.00%	794	765	781
19		Seoni	0.00%	100.00%	0.00%	0.00%	791	751	770
20		Sipat	0.00%	100.00%	0.00%	0.00%	781	761	772
21		Solapur	0.00%	99.93%	0.07%	0.07%	801	757	782
22		Tamnar	0.00%	100.00%	0.00%	0.00%	795	774	784
23		Tirora	0.00%	100.00%	0.00%	0.00%	774	752	764
24		Vadodara	0.00%	100.00%	0.00%	0.00%	799	749	773
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	799	749	779
26		Wardha	0.00%	100.00%	0.00%	0.00%	799	749	779
27		Bhuj	0.00%	100.00%	0.00%	0.00%	798	733	769
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	796	743	769
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	745	774
	3	Raichur	0.00%	100.00%	0.00%	0.00%	798	748	773
	4	Nizamabad	0.00%	98.05%	1.95%	1.95%	808	747	777
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	798	748	779
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	798	748	781
	7	Vemagiri	0.00%	91.88%	8.12%	8.12%	808	744	781
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	790	757	783
	2	Gaya	0.00%	100.00%	0.00%	0.00%	781	751	777
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	772	767
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	791	761	787
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	778	741	778
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	406
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	407
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	405
	4	Bongaigaon TPS (400 kV)	0.00%	98.48%	1.52%	1.52%	422	402	411
	6	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	407
	7	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	407
	8	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	407
	9	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	406
	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.