

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

**System Reliability Indices Report for the week from
17-Jan-2022 to 23-Jan-2022**

Date: 28-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 17-Jan-2022 to 23-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%	796	749	779
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	796	749	779
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	756	769
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	756	769
	5	Anta	0.00%	100.00%	0.00%	0.00%	797	758	778
	6	Ballia	0.00%	100.00%	0.00%	0.00%	790	744	769
	7	Bara	0.00%	100.00%	0.00%	0.00%	778	763	769
	8	Bhiwani	0.00%	99.85%	0.15%	0.15%	801	756	780
	9	Bareilly	0.00%	99.15%	0.85%	0.85%	803	747	780
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	747	768
	11	Greater Noida	0.00%	99.14%	0.86%	0.86%	802	756	785
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	753	778
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	799	744	773
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	796	745	776
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	790	746	774
	17	Moga	0.00%	99.96%	0.04%	0.04%	802	748	771
	18	Phagi	0.00%	99.94%	0.06%	0.06%	810	749	782
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	792	755	775
	20	Unnao	0.00%	100.00%	0.00%	0.00%	791	731	768
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	793	752
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	797	747	776
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	748	773
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	788	757	774
5		Bina	0.00%	100.00%	0.00%	0.00%	799	756	781
6		Champa	0.00%	82.78%	17.22%	17.22%	809	759	790
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	754	771
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	749	775
9		Ektuni	0.00%	100.00%	0.00%	0.00%	795	749	770
10		Gwalior	0.00%	99.45%	0.55%	0.55%	802	754	784
11		Indore	0.00%	100.00%	0.00%	0.00%	794	745	774
12		Jabalpur	0.00%	94.26%	5.74%	5.74%	804	761	786
13		Koradi	0.00%	100.00%	0.00%	0.00%	780	752	767
14		Pune	0.00%	100.00%	0.00%	0.00%	800	751	782
15		Raigarh Pooling	0.00%	98.29%	1.71%	1.71%	802	765	786
16		Raipur Pooling	0.00%	99.94%	0.06%	0.06%	800	764	785
17		Sasan	0.00%	100.00%	0.00%	0.00%	789	764	778
18		Satna	0.00%	97.91%	2.09%	2.09%	801	762	785
19		Seoni	0.00%	100.00%	0.00%	0.00%	796	753	776
20		Sipat	0.00%	100.00%	0.00%	0.00%	787	759	775
21		Solapur	0.00%	98.37%	1.63%	1.63%	805	760	786
22		Tamnar	0.00%	98.22%	1.78%	1.78%	802	769	788
23		Tirora	0.00%	100.00%	0.00%	0.00%	775	753	765
24		Vadodara	0.00%	100.00%	0.00%	0.00%	798	743	776
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	798	743	782
26		Wardha	0.00%	100.00%	0.00%	0.00%	798	743	782
27		Bhuj	0.00%	100.00%	0.00%	0.00%	794	740	767
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	797	748	767
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	751	776
	3	Raichur	0.00%	100.00%	0.00%	0.00%	800	752	777
	4	Nizamabad	0.00%	96.78%	3.22%	3.22%	807	749	780
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	797	744	784
	6	Thiruvallur	0.00%	100.00%	0.00%	0.00%	797	744	778
	7	Vemagiri	0.00%	94.39%	5.61%	5.61%	810	741	778
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	788	740	778
	2	Gaya	0.00%	100.00%	0.00%	0.00%	787	749	772
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	762	769
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	791	760	784
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	782	745	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%	417	394	408
	3	Bongaigaon (400 kV)	0.00%	98.23%	1.77%	1.77%	422	401	406
	4	Bongaigaon TPS (400 kV)	0.00%	91.16%	8.84%	8.84%	424	403	412
	6	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	406
	7	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	406
	8	Ranganadi (400 kV)	0.00%	95.59%	4.41%	4.41%	426	402	408
	9	Biswanath Chariali (400 kV)	0.00%	99.99%	0.01%	0.01%	422	396	412
	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.