

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

**System Reliability Indices Report for the week from
13-Dec-2021 to 19-Dec-2021**

Date: 23-Dec-2021

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 13-Dec-2021 to 19-Dec-2021

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	742	775
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	795	742	775
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	759	767
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	759	767
	5	Anta	0.00%	100.00%	0.00%	0.00%	799	757	780
	6	Ballia	0.00%	100.00%	0.00%	0.00%	786	745	768
	7	Bara	0.00%	100.00%	0.00%	0.00%	786	763	769
	8	Bhiwani	0.00%	99.89%	0.11%	0.11%	801	751	778
	9	Bareilly	0.00%	95.58%	4.42%	4.42%	808	742	781
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	744	769
	11	Greater Noida	0.00%	99.88%	0.12%	0.12%	806	747	783
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	746	776
	13	Kanpur GIS	0.00%	99.96%	0.04%	0.04%	802	747	774
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	798	745	777
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	748	768
	17	Moga	0.00%	100.00%	0.00%	0.00%	800	736	769
	18	Phagi	0.00%	99.77%	0.23%	0.23%	804	751	782
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	789	754	774
	20	Unnao	0.00%	100.00%	0.00%	0.00%	791	738	766
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	752
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	794	744	775
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	746	773
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	789	757	773
5		Bina	0.00%	100.00%	0.00%	0.00%	799	751	779
6		Champa	0.00%	83.56%	16.44%	16.44%	809	769	790
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	754	771
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	750	776
9		Ektuni	0.00%	100.00%	0.00%	0.00%	795	750	772
10		Gwalior	0.00%	99.77%	0.23%	0.23%	802	749	782
11		Indore	0.00%	100.00%	0.00%	0.00%	794	747	773
12		Jabalpur	0.00%	94.96%	5.04%	5.04%	806	759	784
13		Koradi	0.00%	100.00%	0.00%	0.00%	781	747	766
14		Pune	0.00%	100.00%	0.00%	0.00%	800	748	780
15		Raigarh Pooling	0.00%	99.86%	0.14%	0.14%	800	767	785
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	766	783
17		Sasan	0.00%	100.00%	0.00%	0.00%	789	763	777
18		Satna	0.00%	99.65%	0.35%	0.35%	800	757	784
19		Seoni	0.00%	100.00%	0.00%	0.00%	798	753	776
20		Sipat	0.00%	100.00%	0.00%	0.00%	788	760	774
21		Solapur	0.00%	99.43%	0.57%	0.57%	805	756	782
22		Tamnar	0.00%	99.73%	0.27%	0.27%	800	771	787
23		Tirora	0.00%	100.00%	0.00%	0.00%	774	748	762
24		Vadodara	0.00%	100.00%	0.00%	0.00%	799	746	779
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	799	746	780
26		Wardha	0.00%	100.00%	0.00%	0.00%	799	746	780
27		Bhuj	0.00%	100.00%	0.00%	0.00%	786	753	769
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	797	745	769
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	751	776
	3	Raichur	0.00%	100.00%	0.00%	0.00%	800	750	778
	4	Nizamabad	0.00%	96.06%	3.94%	3.94%	808	753	779
	5	Srikakulam	0.00%	99.74%	0.26%	0.26%	801	742	783
	6	Thiruvallam	0.00%	99.74%	0.26%	0.26%	801	742	774
	7	Vemagiri	0.00%	98.78%	1.22%	1.22%	811	744	774
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	795	736	777
	2	Gaya	0.00%	100.00%	0.00%	0.00%	781	747	770
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	762	766
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	793	763	783
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	783	748	779
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	764
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	407
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	403
	4	Bongaigaon TPS (400 kV)	0.00%	99.12%	0.88%	0.88%	421	404	410
	6	Palatana (400 kV)	0.03%	99.97%	0.00%	0.03%	411	360	406
	7	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	406
	8	Ranganadi (400 kV)	0.00%	99.92%	0.08%	0.08%	421	398	405
	9	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	410
	10	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	405

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