

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

**System Reliability Indices Report for the week from
20-Dec-2021 to 26-Dec-2021**

Date: 30-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	3	0.75	0.45
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 20-Dec-2021 to 26-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%	790	743	773
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	790	743	773
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	758	769
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	758	769
	5	Anta	0.00%	100.00%	0.00%	0.00%	792	747	780
	6	Ballia	0.00%	100.00%	0.00%	0.00%	785	745	767
	7	Bara	0.00%	100.00%	0.00%	0.00%	780	763	769
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	755	779
	9	Bareilly	0.00%	95.31%	4.69%	4.69%	805	747	781
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	744	768
	11	Greater Noida	0.00%	99.92%	0.08%	0.08%	802	752	782
	12	Jhatikara	0.00%	99.98%	0.02%	0.02%	800	751	777
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	750	772
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	798	747	775
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	779	749	768
	17	Moga	0.00%	99.97%	0.03%	0.03%	801	739	768
	18	Phagi	0.00%	100.00%	0.00%	0.00%	799	752	782
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	787	756	773
	20	Unnao	0.00%	100.00%	0.00%	0.00%	790	739	766
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	788	749
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	793	747	774
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	744	769
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	788	757	771
5		Bina	0.00%	100.00%	0.00%	0.00%	797	751	776
6		Champa	0.00%	94.56%	5.44%	5.44%	804	770	789
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	754	771
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	750	774
9		Ektuni	0.00%	100.00%	0.00%	0.00%	793	750	770
10		Gwalior	0.00%	100.00%	0.00%	0.00%	799	737	781
11		Indore	0.00%	100.00%	0.00%	0.00%	794	745	771
12		Jabalpur	0.00%	98.81%	1.19%	1.19%	803	760	783
13		Koradi	0.00%	100.00%	0.00%	0.00%	777	749	766
14		Pune	0.00%	100.00%	0.00%	0.00%	799	747	779
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	765	784
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	764	782
17		Sasan	0.00%	100.00%	0.00%	0.00%	788	762	775
18		Satna	0.00%	100.00%	0.00%	0.00%	798	759	781
19		Seoni	0.00%	100.00%	0.00%	0.00%	796	749	773
20		Sipat	0.00%	100.00%	0.00%	0.00%	787	759	772
21		Solapur	0.00%	98.36%	1.64%	1.64%	804	756	783
22		Tamnar	0.00%	100.00%	0.00%	0.00%	799	769	786
23		Tirora	0.00%	100.00%	0.00%	0.00%	773	749	763
24		Vadodara	0.00%	100.00%	0.00%	0.00%	797	750	776
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	750	778
26		Wardha	0.00%	100.00%	0.00%	0.00%	797	750	778
27		Bhuj	0.00%	100.00%	0.00%	0.00%	794	752	771
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	795	740	771
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	745	774
	3	Raichur	0.00%	100.00%	0.00%	0.00%	798	747	777
	4	Nizamabad	0.00%	96.99%	3.01%	3.01%	806	747	777
	5	Srikakulam	0.00%	99.77%	0.23%	0.23%	800	751	782
	6	Thiruvallam	0.04%	99.77%	0.23%	0.27%	800	751	779
	7	Vemagiri	0.00%	99.23%	0.77%	0.77%	804	751	779
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	793	754	779
	2	Gaya	0.00%	100.00%	0.00%	0.00%	781	749	775
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	766	765
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	792	760	782
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	800	748	776
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	405
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	407
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	403
	4	Bongaigaon TPS (400 kV)	0.00%	98.27%	1.73%	1.73%	421	405	410
	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	395	406
	8	Ranganadi (400 kV)	0.00%	99.86%	0.14%	0.14%	422	398	405
	9	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	394	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.