

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

**System Reliability Indices Report for the week from
06-Dec-2021 to 12-Dec-2021**

Date: 17-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 06-Dec-2021 to 12-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%	99.99%	0.01%	0.01%	802	737	775
	2	Agra (Fatehabad)	0.00%	99.99%	0.01%	0.01%	802	737	775
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	782	756	769
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	756	769
	5	Anta	0.00%	99.99%	0.01%	0.01%	803	756	781
	6	Ballia	0.00%	100.00%	0.00%	0.00%	787	745	767
	7	Bara	0.00%	100.00%	0.00%	0.00%	785	763	769
	8	Bhiwani	0.00%	99.38%	0.62%	0.62%	806	747	779
	9	Bareilly	0.00%	96.35%	3.65%	3.65%	806	746	779
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	740	766
	11	Greater Noida	0.00%	99.40%	0.60%	0.60%	805	745	783
	12	Jhatikara	0.00%	99.95%	0.05%	0.05%	802	741	778
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	741	771
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	798	749	772
	15	Lalitpur	0.00%	95.56%	0.00%	0.00%	790	730	733
	17	Moga	0.00%	99.70%	0.30%	0.30%	812	739	771
	18	Phagi	0.00%	99.33%	0.67%	0.67%	809	746	781
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	789	745	773
	20	Unnao	0.00%	100.00%	0.00%	0.00%	789	736	766
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	795	754
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	799	748	777
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	744	772
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	791	761	775
5		Bina	0.00%	100.00%	0.00%	0.00%	799	749	779
6		Champa	0.00%	77.95%	22.05%	22.05%	810	772	792
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	758	774
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	743	775
9		Ektuni	0.00%	100.00%	0.00%	0.00%	797	743	775
10		Gwalior	0.00%	99.98%	0.02%	0.02%	800	747	782
11		Indore	0.00%	100.00%	0.00%	0.00%	792	746	772
12		Jabalpur	0.00%	95.17%	4.83%	4.83%	806	758	785
13		Koradi	0.00%	100.00%	0.00%	0.00%	781	748	768
14		Pune	0.00%	100.00%	0.00%	0.00%	800	755	784
15		Raigarh Pooling	0.00%	98.13%	1.87%	1.87%	803	769	787
16		Raipur Pooling	0.00%	99.33%	0.67%	0.67%	802	767	785
17		Sasan	0.00%	100.00%	0.00%	0.00%	789	759	776
18		Satna	0.00%	100.00%	0.00%	0.00%	799	756	782
19		Seoni	0.00%	100.00%	0.00%	0.00%	799	756	779
20		Sipat	0.00%	100.00%	0.00%	0.00%	791	764	776
21		Solapur	0.00%	95.23%	4.77%	4.77%	805	760	785
22		Tamnar	0.00%	98.01%	1.99%	1.99%	803	771	788
23		Tirora	0.00%	100.00%	0.00%	0.00%	775	749	763
24		Vadodara	0.00%	100.00%	0.00%	0.00%	799	747	777
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	799	747	780
26		Wardha	0.00%	100.00%	0.00%	0.00%	799	747	780
27		Bhuj	0.00%	100.00%	0.00%	0.00%	787	755	770
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	797	746	770
	2	Nellore PS	0.00%	99.99%	0.01%	0.01%	800	750	777
	3	Raichur	0.00%	99.44%	0.56%	0.56%	802	748	779
	4	Nizamabad	0.00%	89.82%	10.18%	10.18%	810	764	781
	5	Srikakulam	0.00%	97.73%	2.27%	2.27%	803	748	788
	6	Thiruvallam	0.00%	97.73%	2.27%	2.27%	803	748	777
	7	Vemagiri	0.00%	99.20%	0.80%	0.80%	803	757	777
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	796	748	779
	2	Gaya	0.00%	100.00%	0.00%	0.00%	784	747	769
	3	Jharsuguda	0.00%	95.01%	4.99%	4.99%	806	770	765
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	794	765	786
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	795	741	780
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	764
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	395	407
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	403
	4	Bongaigaon TPS (400 kV)	0.00%	99.36%	0.64%	0.64%	421	406	411
	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%	414	397	406
	8	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	405
	9	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	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.