

**GRID CONTROLLER OF INDIA LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI**

Date: 05-Dec-2024

System Reliability Indices Report for the month of November 2024

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	1	0.25	0.03
3	Import of NR	0	0.00	0.00
4	NEW-SR	1	0.25	0.03
5	NER Import	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	1	0.25	0.03
3	Import of NR	0	0.00	0.00
4	NEW-SR	1	0.25	0.03
4	NER Import	1	0.25	0.03

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

FREQUENCY DEVIATION INDEX FOR NOVEMBER 2024

Date of reporting:

05-Dec-24

Date	Percentage of time frequency is			Freq Deviation Index* (FDI)	No. of hours frequency is outside 49.95-50.05 Hz	Average Frequency (Hz)
	<49.90 Hz	49.90 - 50.05 Hz	>50.05 Hz			
01-Nov-24	1.55	78.06	20.39	21.94	5:16	50.02
02-Nov-24	0.98	74.79	24.22	25.21	6:03	50.02
03-Nov-24	2.92	84.62	12.47	15.38	3:41	49.99
04-Nov-24	3.39	81.90	14.71	18.10	4:20	50.00
05-Nov-24	7.55	81.35	11.10	18.65	4:28	49.99
06-Nov-24	3.16	84.64	12.20	15.36	3:41	50.00
07-Nov-24	0.75	83.58	15.67	16.42	3:56	50.01
08-Nov-24	7.43	84.22	8.34	15.78	3:47	49.98
09-Nov-24	7.66	83.34	8.99	16.66	3:59	49.99
10-Nov-24	6.93	78.45	14.62	21.55	5:10	49.99
11-Nov-24	12.66	72.97	14.36	27.03	6:29	49.98
12-Nov-24	12.05	77.65	10.30	22.35	5:21	49.98
13-Nov-24	0.78	84.13	15.09	15.87	3:48	50.01
14-Nov-24	5.27	89.16	5.58	10.84	2:36	49.98
15-Nov-24	10.54	77.16	12.29	22.84	5:28	49.98
16-Nov-24	7.04	79.76	13.21	20.24	4:51	49.99
17-Nov-24	6.30	75.50	18.21	24.50	5:52	50.00
18-Nov-24	1.92	76.34	21.74	23.66	5:40	50.01
19-Nov-24	2.06	83.32	14.62	16.68	4:00	50.01
20-Nov-24	1.23	84.09	14.69	15.91	3:49	50.01
21-Nov-24	2.44	87.40	10.16	12.60	3:01	49.99
22-Nov-24	3.99	80.41	15.60	19.59	4:42	50.00
23-Nov-24	4.11	87.01	8.88	12.99	3:07	49.99
24-Nov-24	4.13	82.89	12.97	17.11	4:06	50.00
25-Nov-24	10.89	75.94	13.17	24.06	5:46	49.99
26-Nov-24	9.95	79.07	10.97	20.93	5:01	49.98
27-Nov-24	5.41	79.04	15.56	20.96	5:01	50.00
28-Nov-24	3.95	79.75	16.31	20.25	4:51	50.00
29-Nov-24	6.55	77.85	15.60	22.15	5:19	49.99
30-Nov-24	0.96	79.65	19.39	20.35	4:53	50.01
November 2024	5.15	80.80	14.05	19.20	138:13	50.00

*FDI is defined as percentage of time for which frequency is outside IEGC band (49.90-50.05 Hz)

Monthly Angular spread w.r.to Vindhyachal_Nov-2024

AGRA_PG ALIPU_PG BACHU_PG BONGA_PG CHDPR_MH GJWKA_PG
HOSUR_PG KALW4_MH KISNP_PG KOLAR_PG KOTA_PG KSTPS_GS
KZKDE_PG MOGA_PG PATNA_PG SILCR_PG TCHRN_PG

