

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

Date: **05-Apr-2024**

System Reliability Indices Report for the month of March 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	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
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	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	NER Import	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.

FREQUENCY DEVIATION INDEX FOR MARCH 2024

Date of reporting:

05-Apr-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-Mar-24	6.56	75.97	17.47	24.03	5:46	50.00
02-Mar-24	5.00	71.75	23.25	28.25	6:46	50.01
03-Mar-24	0.98	68.11	30.90	31.89	7:39	50.04
04-Mar-24	3.26	73.69	23.04	26.31	6:18	50.01
05-Mar-24	7.67	73.18	19.14	26.82	6:26	50.00
06-Mar-24	8.76	76.93	14.31	23.07	5:32	49.99
07-Mar-24	4.72	81.84	13.44	18.16	4:21	50.00
08-Mar-24	5.69	75.88	18.43	24.12	5:47	50.00
09-Mar-24	7.44	74.87	17.69	25.13	6:01	50.00
10-Mar-24	5.96	78.81	15.23	21.19	5:05	50.00
11-Mar-24	8.47	78.34	13.18	21.66	5:11	49.99
12-Mar-24	9.46	75.95	14.59	24.05	5:46	49.98
13-Mar-24	6.66	80.03	13.31	19.97	4:47	49.99
14-Mar-24	3.63	82.85	13.52	17.15	4:07	49.99
15-Mar-24	5.64	77.22	17.14	22.78	5:28	50.00
16-Mar-24	6.79	73.61	19.59	26.39	6:20	50.00
17-Mar-24	3.47	76.06	20.46	23.94	5:44	50.01
18-Mar-24	4.79	77.43	17.78	22.57	5:25	50.00
19-Mar-24	2.09	80.22	17.69	19.78	4:44	50.01
20-Mar-24	3.73	78.38	17.89	21.62	5:11	50.01
21-Mar-24	5.82	79.78	14.40	20.22	4:51	50.00
22-Mar-24	5.82	81.71	12.47	18.29	4:23	49.99
23-Mar-24	6.69	81.09	12.22	18.91	4:32	49.99
24-Mar-24	5.10	80.78	14.12	19.22	4:36	49.99
25-Mar-24	6.61	81.45	11.94	18.55	4:27	49.99
26-Mar-24	9.73	76.34	13.92	23.66	5:40	49.99
27-Mar-24	11.45	73.08	15.47	26.92	6:27	49.99
28-Mar-24	11.06	76.57	12.36	23.43	5:37	49.98
29-Mar-24	6.70	77.94	15.36	22.06	5:17	50.00
30-Mar-24	1.77	84.20	14.03	15.80	3:47	50.01
31-Mar-24	5.16	78.83	16.01	21.17	5:04	50.00
March 2024	6.02	77.51	16.46	22.49	167:18	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_March-2024

AGRA_PG ALIPU_PG BACHU_PG BONGA_PG CHDPR_MH DURG4_WB FARAK_PG GJWKA_PG
HOSUR_PG KALW4_MH KISNP_PG KOLAR_PG KOTA_PG KSTPS_GS KZKDE_PG MOGA_PG
PATNA_PG PURNW_PG SILCR_PG TALCH_PG TCHRN_PG VINDP_PG

