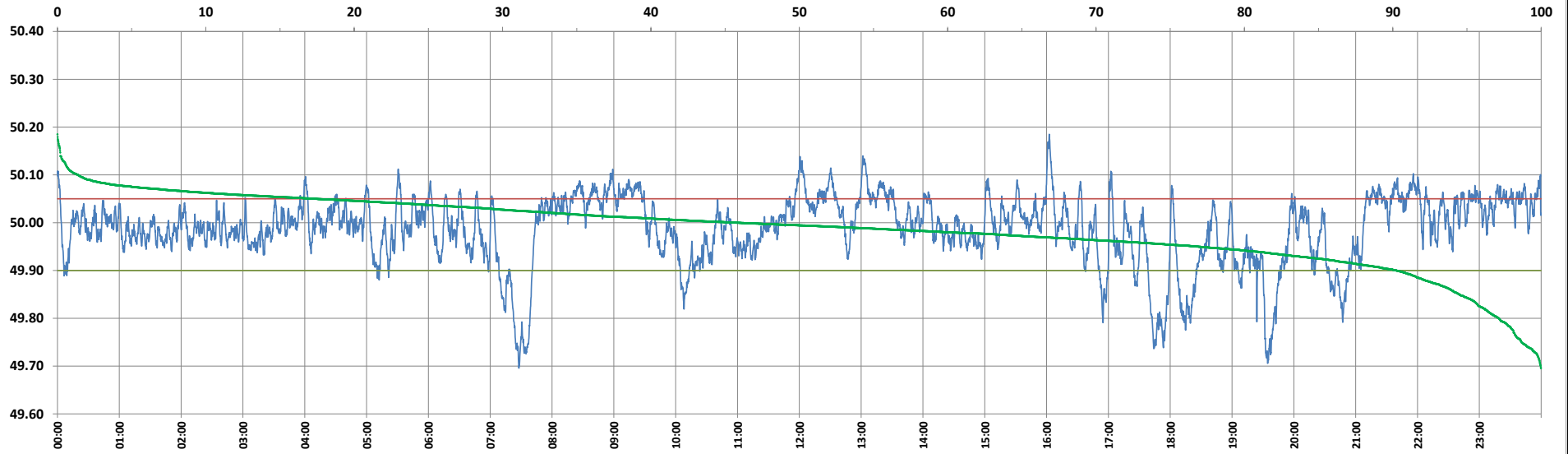


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Jan-2025 (Saturday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.02	9.73	33.77	2.82	6.89	44.43	44.43	1.40	72.88	99.98	37.34	15.98	45.83	28.89	17.38	0.00	23.13	59.49	13.39

Average Frequency : 49.986	Frequency Variation Index : 0.0524	Standard Deviation : 0.0711	Mileage: 46.5	FDI: 27.1
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Instantaneous Frequency	
Max	50.185 16:02:30
Min	49.696 7:27:50

15 minute Average Frequency	
Max	50.079 13:15:00
Min	49.781 19:45:00

No. of excursions	
above 50.03 Hz	122
below 49.97 Hz	138
above 50.00 Hz	175
below 50.00 Hz	174

Average time freq per excursion remains	
below 49.97	0:03:31
above 50.03	0:03:25

No. of hours freq outside 49.9-50.05 Hz	6:30:30
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Source : BALIPARA 10 Sec. (8640 samples)