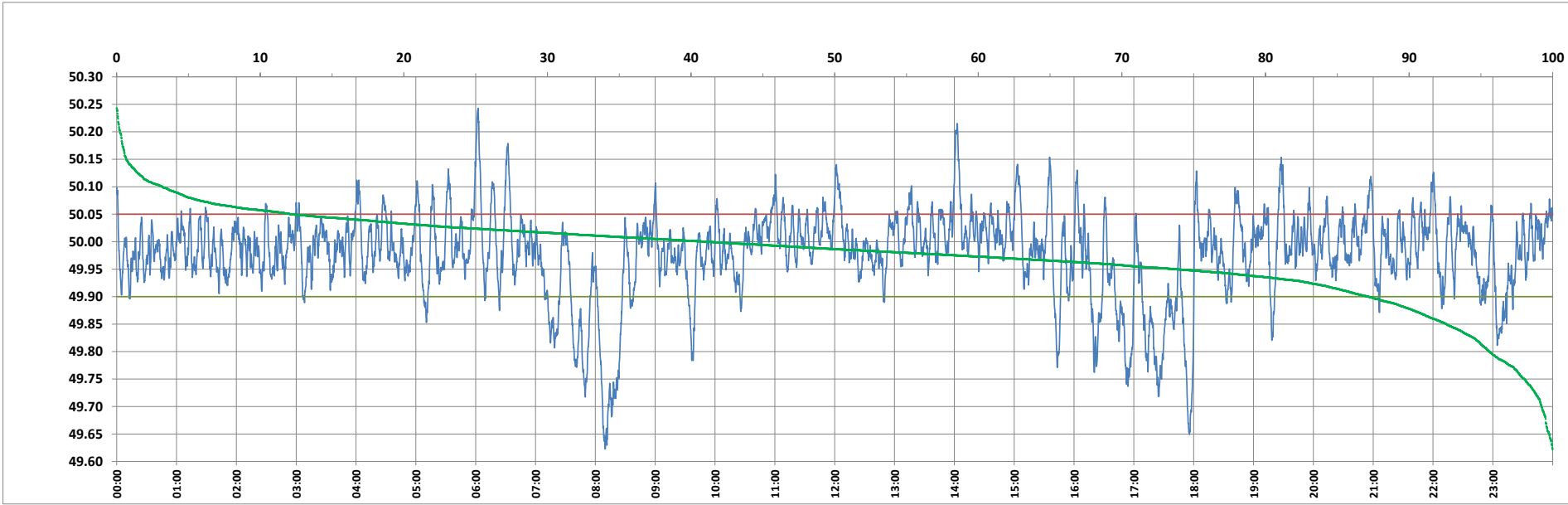


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Dec-2023 (Thursday)



<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
0.78	12.80	38.02	3.63	8.39	46.19	37.84	2.94	75.07	98.99	40.59	8.96	41.01	21.39	12.13	0.23	26.23	61.64	13.43

Average Frequency : 49.977	Frequency Variation Index : 0.0684	Standard Deviation : 0.0794	Mileage: 53.9	FDI: 24.9
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Instantaneous Frequency		
Max	50.243	6:02:20
Min	49.623	8:09:50

15 minute Average Frequency		
Max	50.070	14:15:00
Min	49.752	8:15:00

No. of excursions	
above 50.03 Hz	138
below 49.97 Hz	179
above 50.00 Hz	196
below 50.00 Hz	195

Average time freq per excursion remains	
below 49.97	0:03:04
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	5:59:00
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Source : AGRA 10 Sec. (8640 samples)