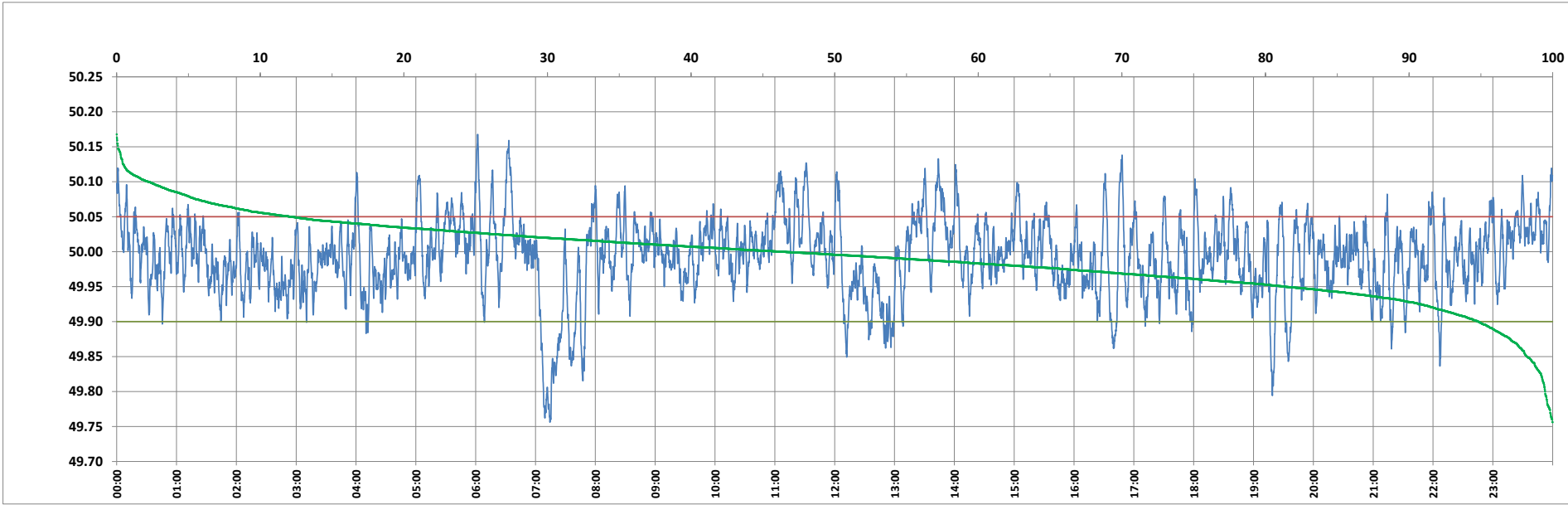


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Dec-2023 (Sunday)



<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
0.00	5.16	30.82	0.52	4.64	48.53	44.06	2.25	82.72	100.00	46.12	9.87	46.31	23.06	12.12	0.00	18.65	69.24	13.48

Average Frequency : 49.992	Frequency Variation Index : 0.0306	Standard Deviation : 0.0548	Mileage: 53.2	FDI: 17.3
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Instantaneous Frequency		
Max	50.168	6:02:00
Min	49.756	7:14:20

15 minute Average Frequency		
Max	50.068	11:15:00
Min	49.858	7:15:00

No. of excursions	
above 50.03 Hz	160
below 49.97 Hz	183
above 50.00 Hz	239
below 50.00 Hz	238

Average time freq per excursion remains	
below 49.97	0:02:26
above 50.03	0:02:05

No. of hours freq outside 49.9-50.05 Hz	4:08:50
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Source : AGRA 10 Sec. (8640 samples)