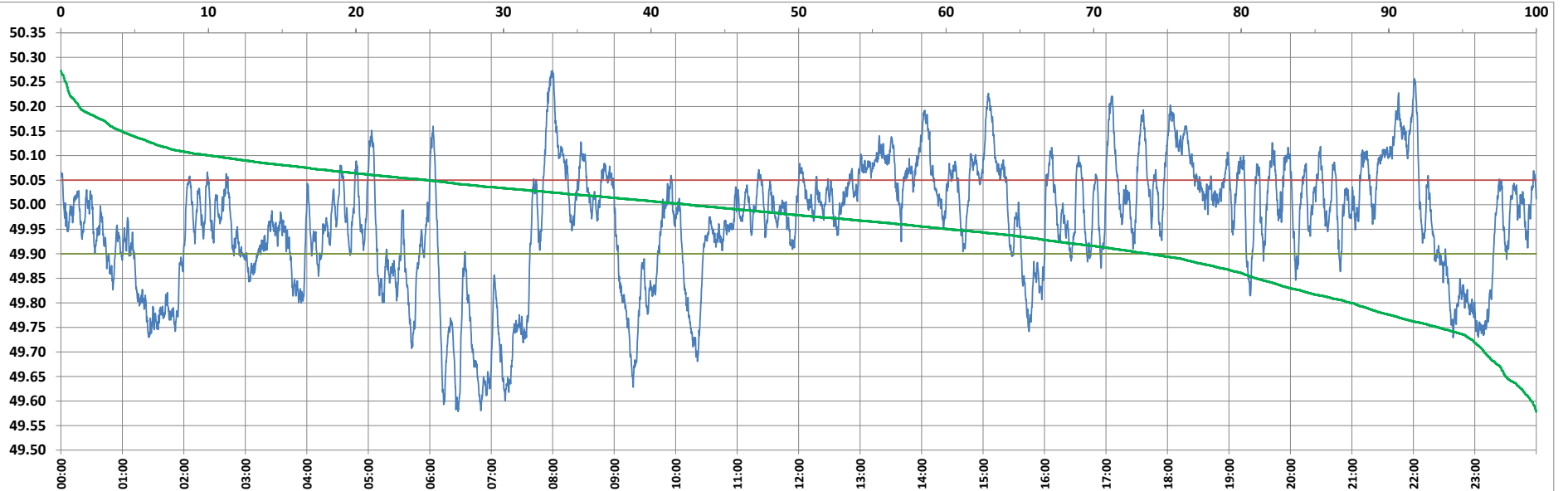


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Dec-2022 (Friday)



<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
3.54	26.28	46.67	9.05	13.69	31.16	32.43	8.90	48.89	95.23	21.89	14.70	42.56	31.45	24.83	1.23	39.77	35.41	13.48

Average Frequency : 49.961	Frequency Variation Index : 0.1712	Standard Deviation : 0.1250	Mileage: 49.4	FDI: 51.1
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency	
Max	50.273 7:59:30
Min	49.578 6:27:40

15 minute Average Frequency	
Max	50.157 22:00:00
Min	49.631 7:00:00

No. of excursions	
above 50.03 Hz	90
below 49.97 Hz	91
above 50.00 Hz	102
below 50.00 Hz	101

Average time freq per excursion remains	
below 49.97	0:07:23
above 50.03	0:05:02

No. of hours freq outside 49.9-50.05 Hz	12:16:00
---	----------

Source : AGRA 10 Sec. (8640 samples)