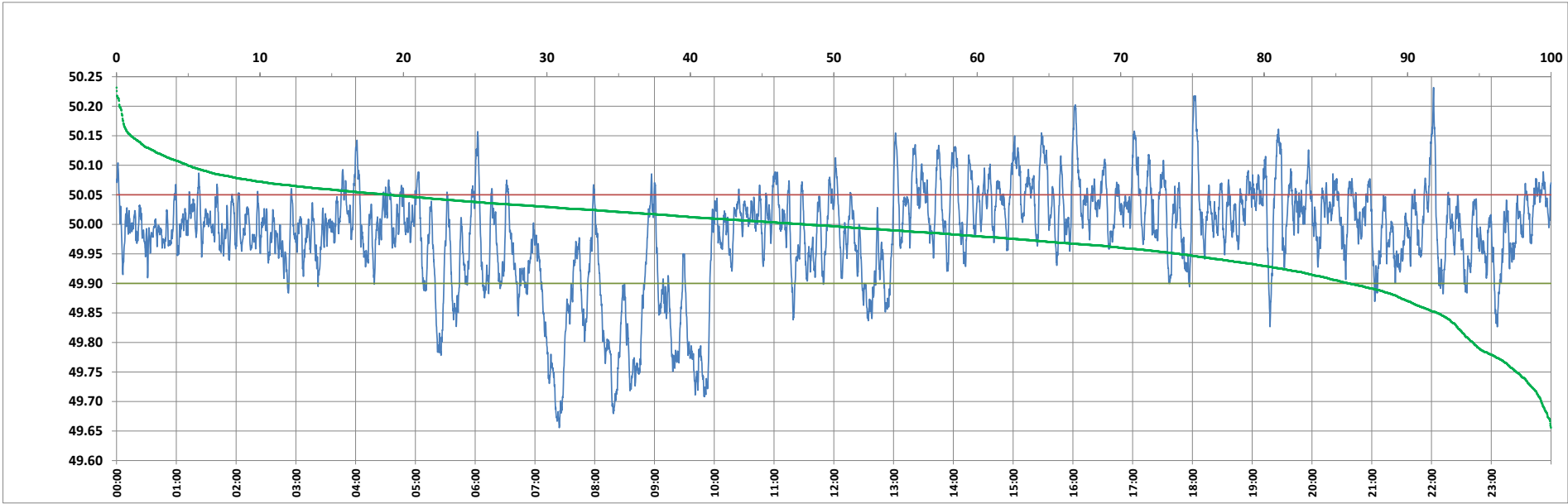


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Dec-2023 (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
0.68	14.11	34.86	4.77	8.66	37.92	43.01	4.76	66.89	99.11	35.43	14.04	47.97	29.71	19.00	0.21	25.94	55.06	11.83

Average Frequency : 49.983	Frequency Variation Index : 0.0780	Standard Deviation : 0.0869	Mileage: 53.3	FDI: 33.1
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Instantaneous Frequency		
Max	50.232	22:02:00
Min	49.656	7:24:20

15 minute Average Frequency			
Max	50.085	16:15:00	
Min	49.714	7:30:00	

No. of excursions	
above 50.03 Hz	151
below 49.97 Hz	135
above 50.00 Hz	169
below 50.00 Hz	168

Average time freq per excursion remains	
below 49.97	0:03:43
above 50.03	0:02:50

No. of hours freq outside 49.9-50.05 Hz	7:56:50
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Source : AGRA 10 Sec. (8640 samples)