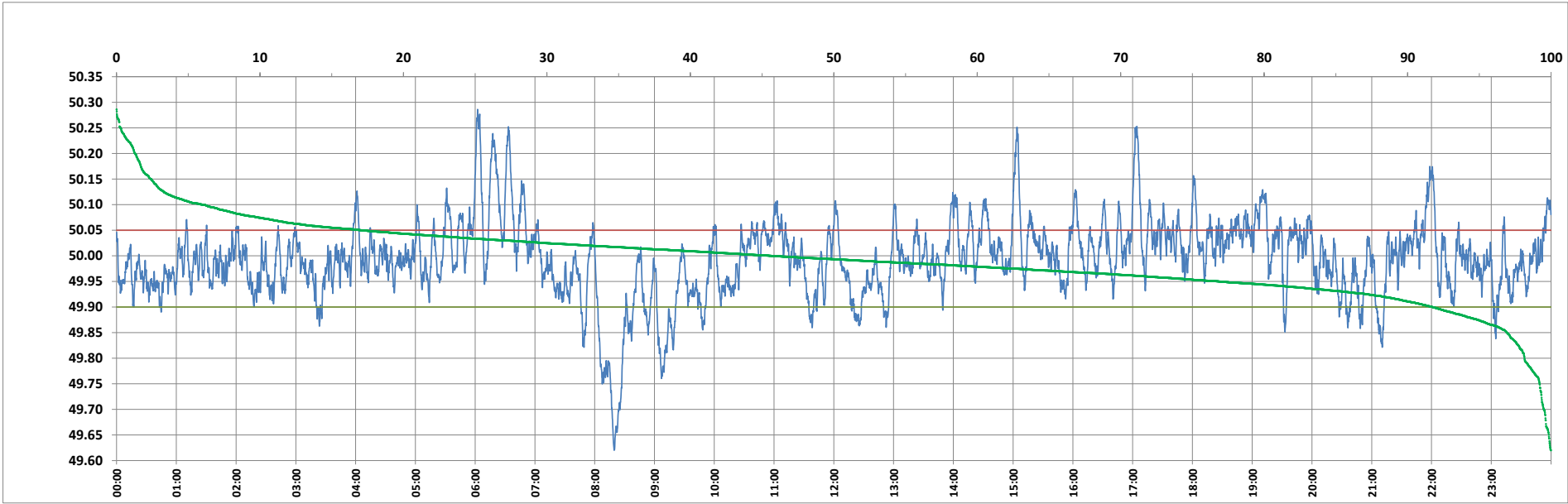


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-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
0.49	8.26	34.27	1.37	6.41	46.11	39.59	4.73	74.62	98.22	38.52	11.09	45.63	27.21	17.12	1.30	23.16	59.72	14.90

Average Frequency : 49.993	Frequency Variation Index : 0.0574	Standard Deviation : 0.0754	Mileage: 51.9	FDI: 25.4
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Instantaneous Frequency		
Max	50.286	6:02:20
Min	49.620	8:19:30

15 minute Average Frequency		
Max	50.134	6:30:00
Min	49.714	8:30:00

No. of excursions	
above 50.03 Hz	146
below 49.97 Hz	156
above 50.00 Hz	171
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:03:10
above 50.03	0:02:41

No. of hours freq outside 49.9-50.05 Hz	6:05:30
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Source : AGRA 10 Sec. (8640 samples)