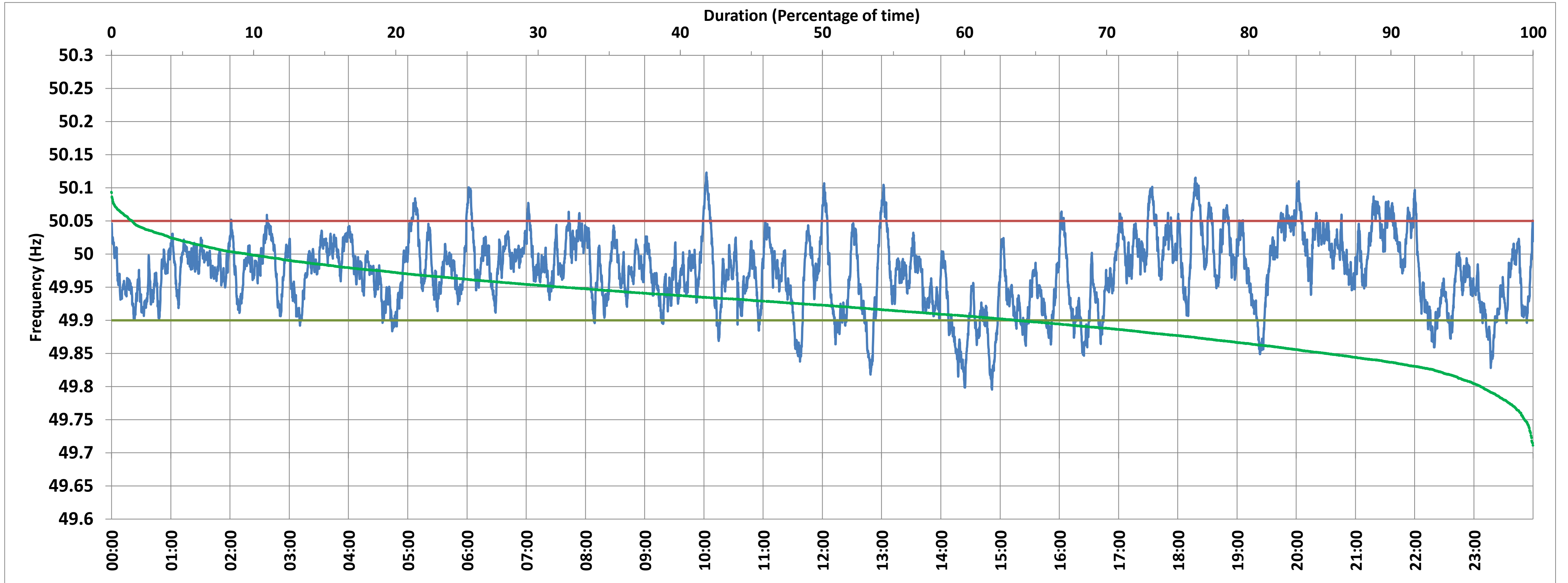




MPPTCL BINA:Frequency

National Grid Frequency Profile for 26-Apr-2018



<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
0.00	9.14	45.21	0.07	9.07	59.16	31.22	0.49	83.59	100.00	40.39	6.81	31.59	14.40	7.27	0.00

Average Frequency :	49.973	Frequency Variation Index :	0.036	Standard Deviation :	0.054	Mileage	44.87
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Instantaneous Frequency		
Max	50.123	10:02:30
Min	49.795	14:51:50

15 minute Average Frequency		
Max	50.052	18:30:00
Min	49.850	14:30:00

No. of excursions above 50.03 Hz	103
No. of excursions below 49.97 Hz	159
No. of excursions above 50.00 Hz	157
No. of excursions below 50.00 Hz	156

% time <49.95	32.06
% time between 49.95 to 50.05	60.67

Average time freq remains below 49.97 per excursion	0:04:06	Average time frequency remains above 50.03 per excursion	0:02:01
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