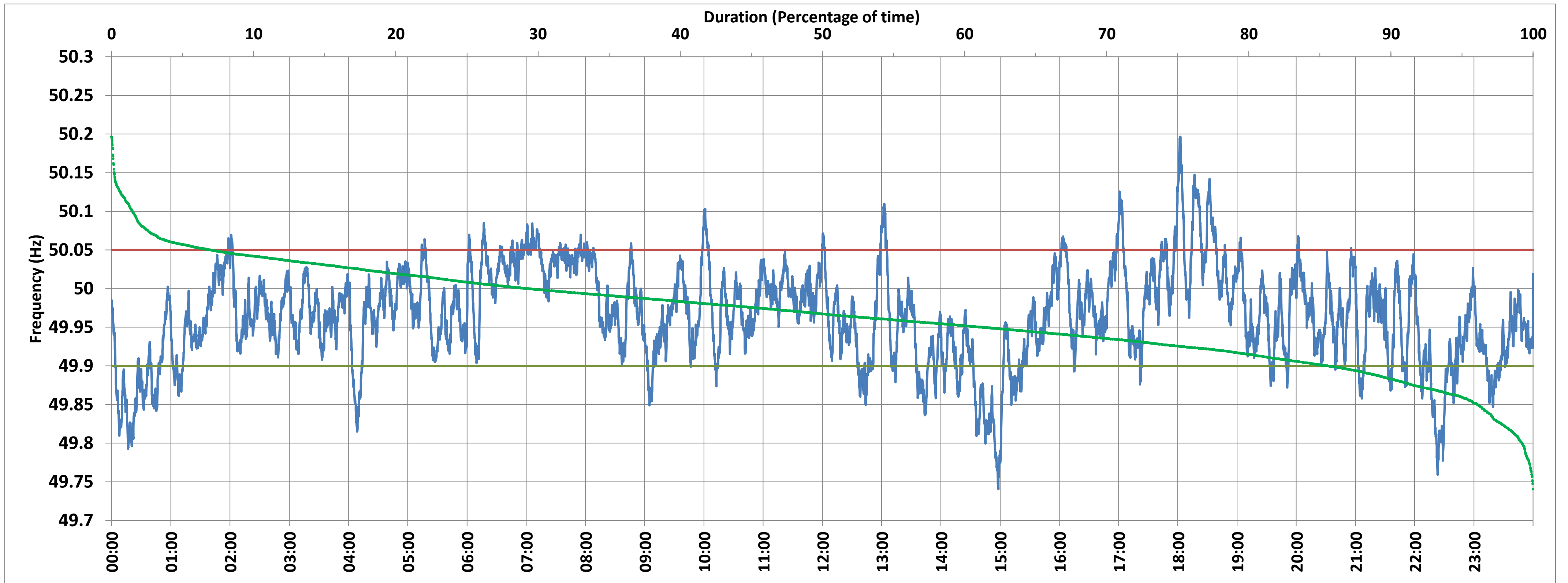




MPPTCL BINA:Frequency

National Grid Frequency Profile for 7-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	14.47	51.54	0.78	13.69	56.28	27.77	1.48	78.59	100.00	33.15	5.51	29.16	15.31	6.94	0.00

Average Frequency :	49.965	Frequency Variation Index :	0.052	Standard Deviation :	0.063	Mileage	47.26
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Instantaneous Frequency		
Max	50.196	18:02:30
Min	49.740	14:58:10

15 minute Average Frequency		
Max	50.083	18:30:00
Min	49.807	15:00:00

No. of excursions above 50.03 Hz	92
No. of excursions below 49.97 Hz	146
No. of excursions above 50.00 Hz	134
No. of excursions below 50.00 Hz	133

% time <49.95	38.75
% time between 49.95 to 50.05	54.31

Average time freq remains below 49.97 per excursion	0:05:05	Average time frequency remains above 50.03 per excursion	0:02:24
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