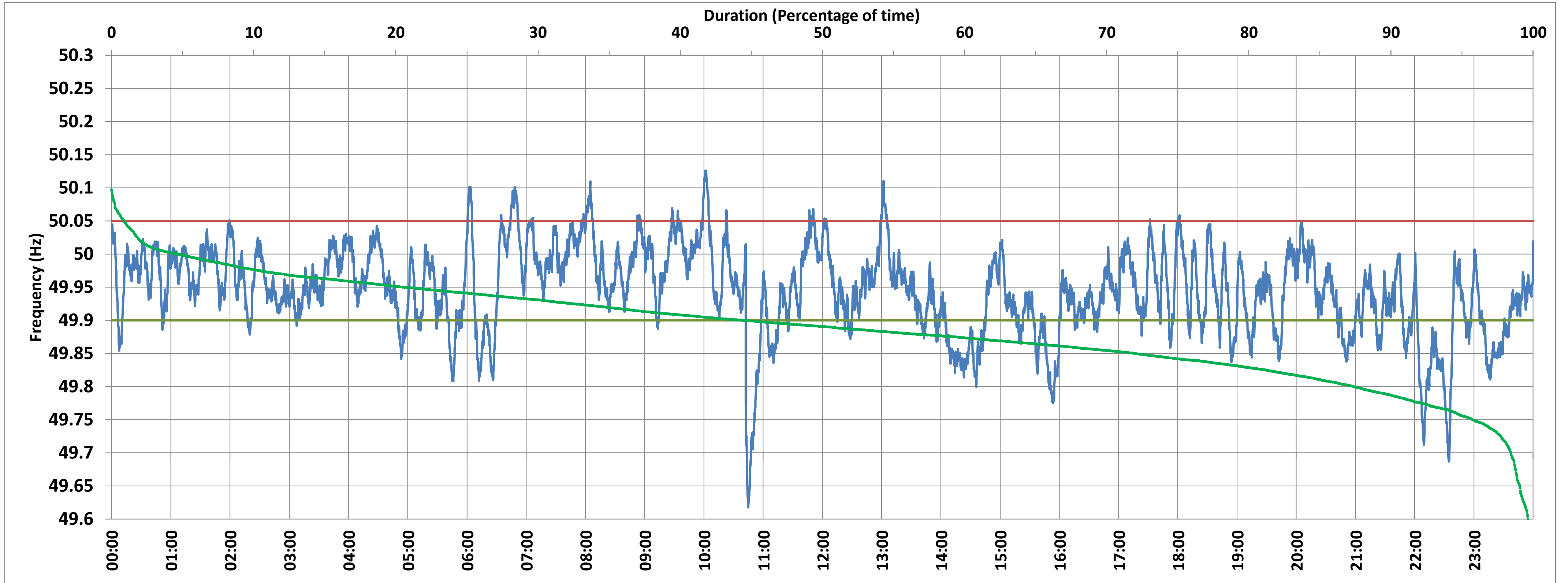




MPPTCL BINA:Frequency

National Grid Frequency Profile for 23-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
0.36	21.62	63.31	1.61	19.65	57.85	20.15	0.38	75.39	99.64	28.77	2.63	20.46	7.92	2.99	0.00

Average Frequency :	49.945	Frequency Variation Index :	0.073	Standard Deviation :	0.066	Mileage	45.34
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Instantaneous Frequency		
Max	50.126	10:01:40
Min	49.618	10:44:50

15 minute Average Frequency		
Max	50.030	8:00:00
Min	49.783	11:00:00

No. of excursions above 50.03 Hz	51
No. of excursions below 49.97 Hz	115
No. of excursions above 50.00 Hz	120
No. of excursions below 50.00 Hz	118

% time <49.95	50.68
% time between 49.95 to 50.05	46.33

Average time freq remains below 49.97 per excursion	0:07:56	Average time frequency remains above 50.03 per excursion	0:02:14
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