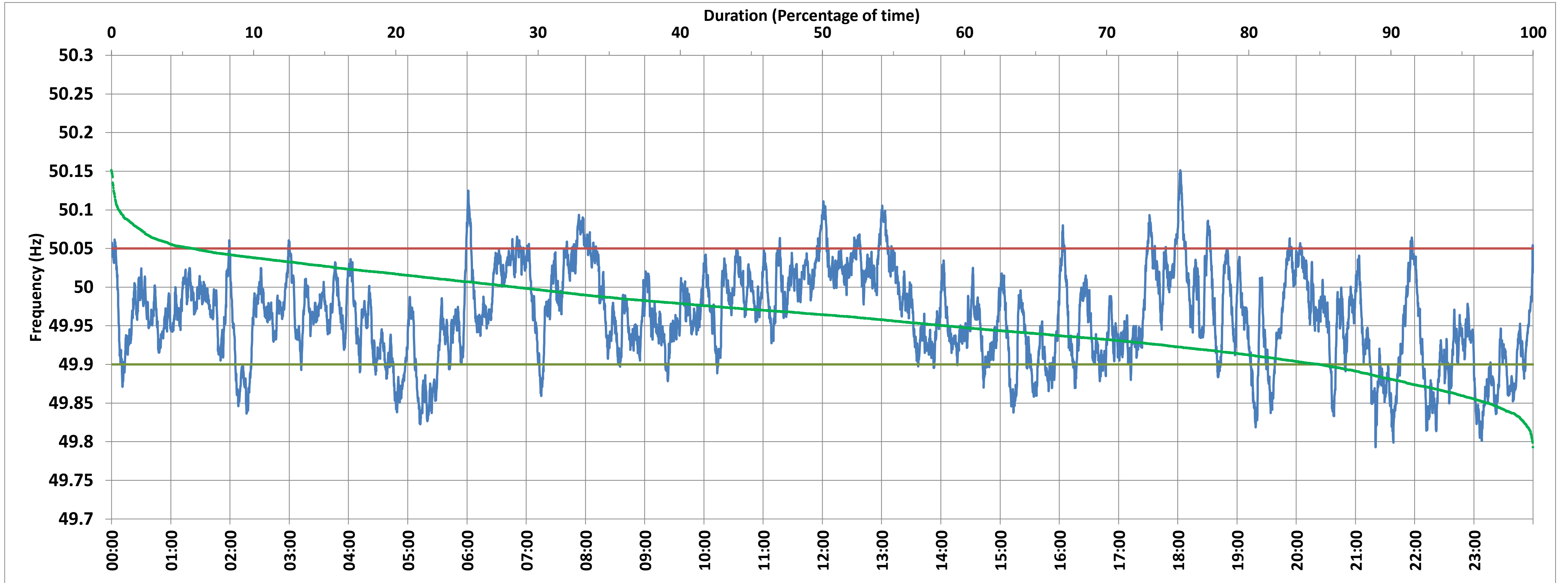




MPPTCL BINA:Frequency

National Grid Frequency Profile for 18-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	15.02	54.05	0.02	15.00	56.59	27.87	0.52	79.33	100.00	32.31	5.19	28.34	13.63	5.65	0.00

Average Frequency :	49.963	Frequency Variation Index :	0.049	Standard Deviation :	0.059	Mileage	45.33
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Instantaneous Frequency		
Max	50.151	18:02:30
Min	49.793	21:20:20

15 minute Average Frequency		
Max	50.060	8:00:00
Min	49.843	23:15:00

No. of excursions above 50.03 Hz	102
No. of excursions below 49.97 Hz	162
No. of excursions above 50.00 Hz	111
No. of excursions below 50.00 Hz	109

% time <49.95	41.34
% time between 49.95 to 50.05	53.01

Average time freq remains below 49.97 per excursion	0:04:48	Average time frequency remains above 50.03 per excursion	0:01:55
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