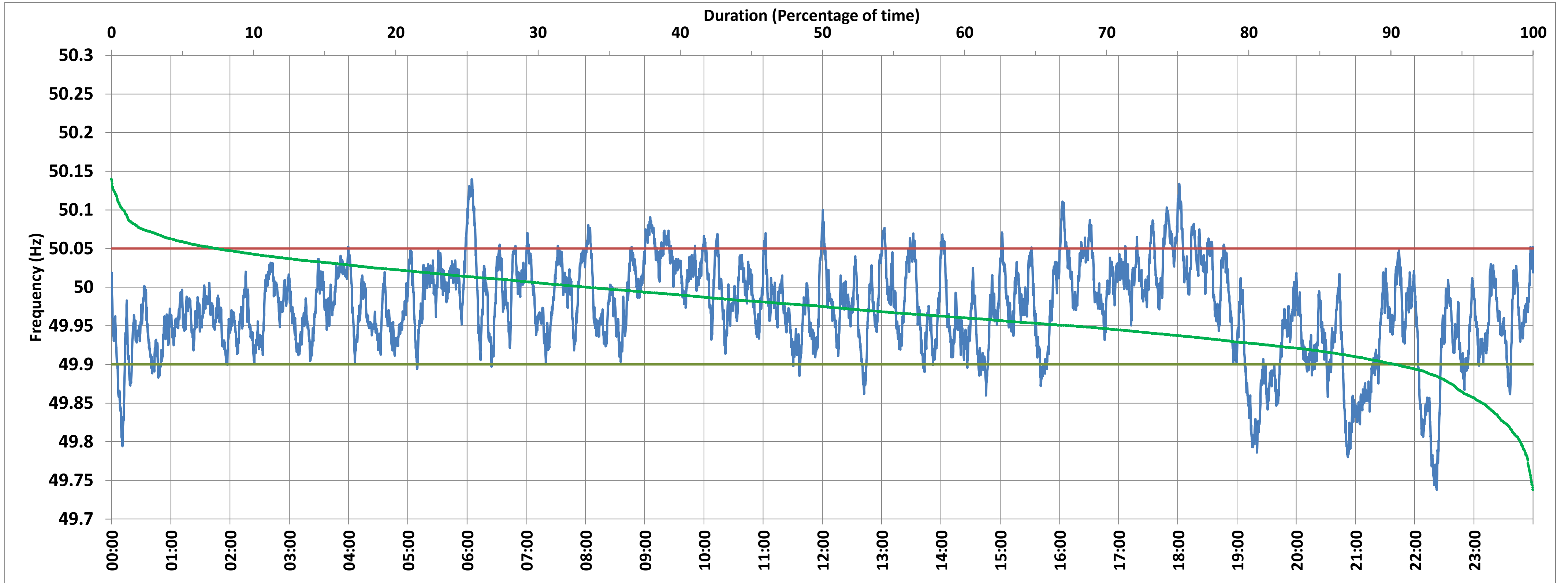




SLPR4:Frequency

National Grid Frequency Profile for 15-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	9.75	47.03	0.90	8.84	56.86	32.57	0.82	82.91	100.00	36.98	6.59	33.34	16.00	7.35	0.00

Average Frequency :	49.972	Frequency Variation Index :	0.042	Standard Deviation :	0.059	Mileage	46.24
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Instantaneous Frequency		
Max	50.140	6:04:40
Min	49.738	22:22:20

15 minute Average Frequency		
Max	50.067	18:00:00
Min	49.824	22:30:00

No. of excursions above 50.03 Hz	109
No. of excursions below 49.97 Hz	153
No. of excursions above 50.00 Hz	152
No. of excursions below 50.00 Hz	151

% time <49.95	32.49
% time between 49.95 to 50.05	60.16

Average time freq remains below 49.97 per excursion	0:04:26	Average time frequency remains above 50.03 per excursion	0:02:07
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