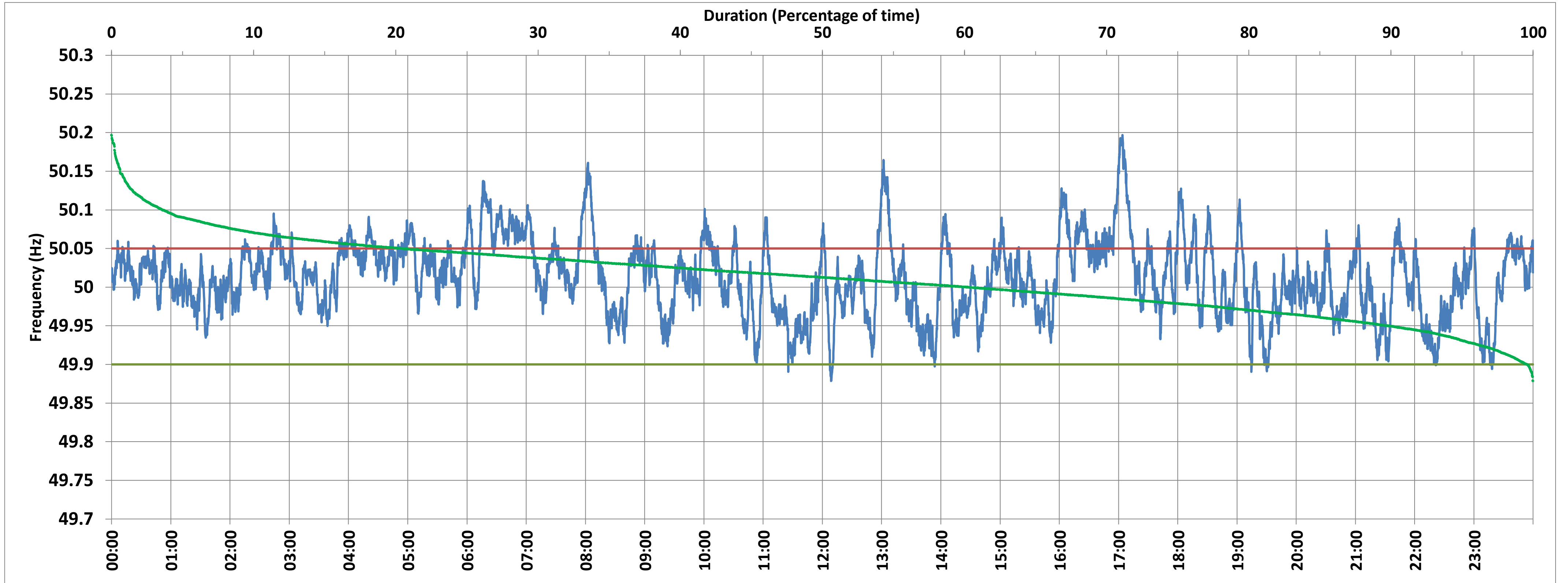




SLPR4:Frequency

National Grid Frequency Profile for 30-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	0.41	19.79	0.00	0.41	39.42	56.61	3.56	79.22	100.00	44.25	16.89	60.13	35.96	20.37	0.00

Average Frequency :	50.012	Frequency Variation Index :	0.025	Standard Deviation :	0.048	Mileage	46.62
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Instantaneous Frequency		
Max	50.197	17:04:00
Min	49.879	12:08:50

15 minute Average Frequency		
Max	50.131	17:15:00
Min	49.934	22:30:00

No. of excursions above 50.03 Hz	177
No. of excursions below 49.97 Hz	135
No. of excursions above 50.00 Hz	184
No. of excursions below 50.00 Hz	182

% time <49.95	10.20
% time between 49.95 to 50.05	69.43

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