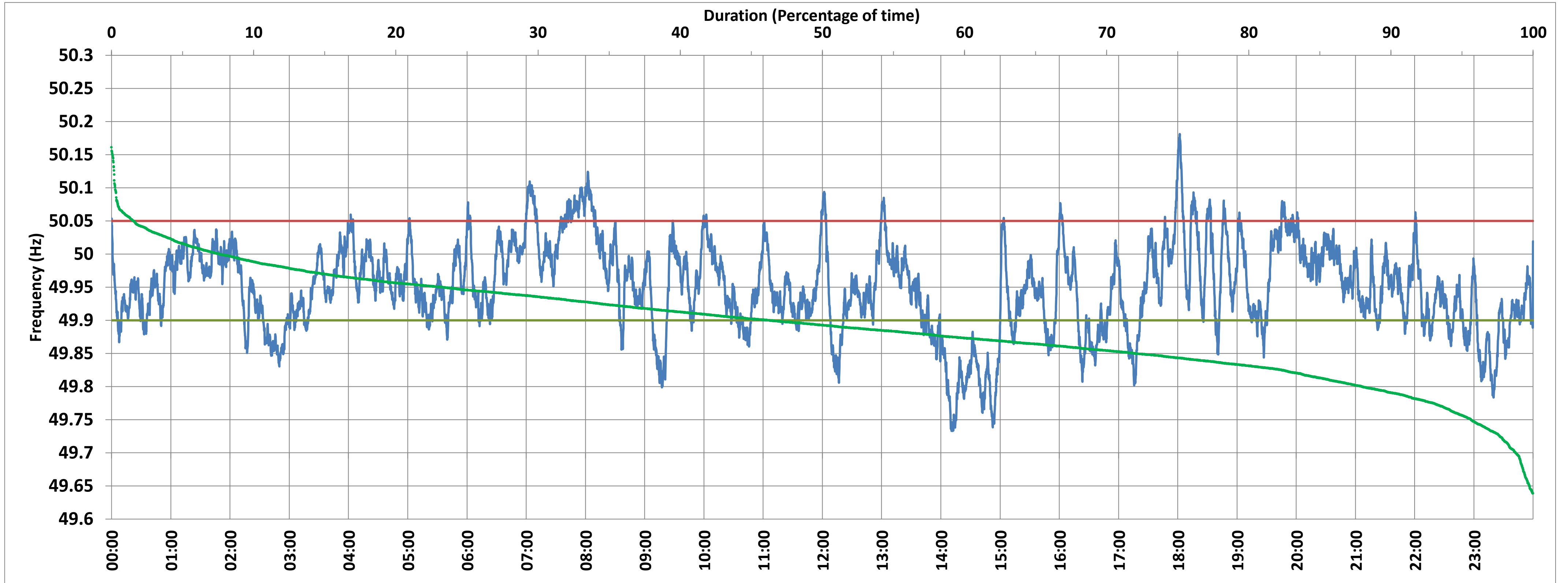




SLPR4:Frequency

National Grid Frequency Profile for 27-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	20.86	61.19	1.96	18.90	55.90	22.62	0.63	73.03	100.00	28.10	5.53	23.21	10.71	6.11	0.00

Average Frequency :	49.950	Frequency Variation Index :	0.070	Standard Deviation :	0.067	Mileage	45.02
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Instantaneous Frequency		
Max	50.181	18:01:50
Min	49.733	14:10:40

15 minute Average Frequency		
Max	50.074	8:00:00
Min	49.796	14:15:00

No. of excursions above 50.03 Hz	67
No. of excursions below 49.97 Hz	119
No. of excursions above 50.00 Hz	124
No. of excursions below 50.00 Hz	123

% time <49.95	49.35
% time between 49.95 to 50.05	44.54

Average time freq remains below 49.97 per excursion	0:07:24	Average time frequency remains above 50.03 per excursion	0:02:18
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