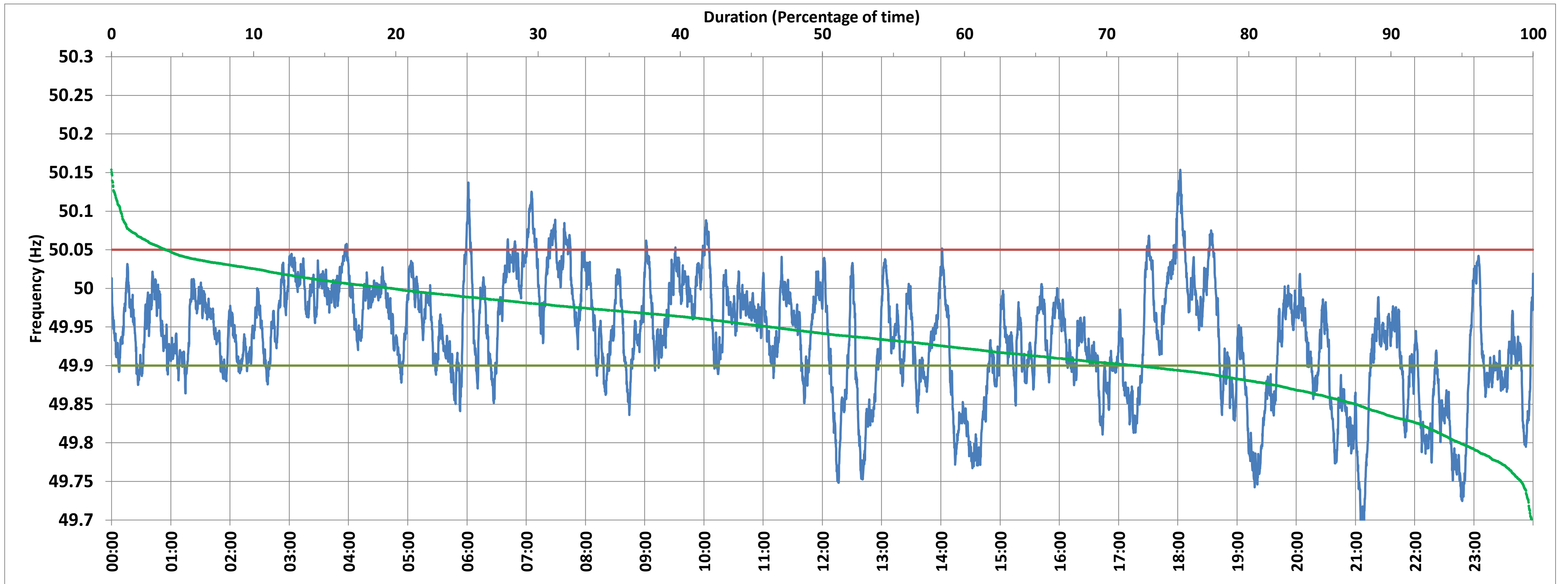




SLPR4:Frequency

National Grid Frequency Profile for 9-May-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
0.09	27.95	63.98	5.03	22.82	52.36	19.05	0.64	68.25	99.91	27.64	3.16	19.64	8.38	3.80	0.00

Average Frequency :	49.937	Frequency Variation Index :	0.093	Standard Deviation :	0.073	Mileage	45.83
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Instantaneous Frequency			
Max	50.154	18:02:30	
Min	49.681	21:08:20	

15 minute Average Frequency			
Max	50.056	7:15:00	
Min	49.767	21:15:00	

No. of excursions above 50.03 Hz	69
No. of excursions below 49.97 Hz	145
No. of excursions above 50.00 Hz	103
No. of excursions below 50.00 Hz	103

% time <49.95	53.68
% time between 49.95 to 50.05	42.52

Average time freq remains below 49.97 per excursion	0:06:21	Average time frequency remains above 50.03 per excursion	0:01:45
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