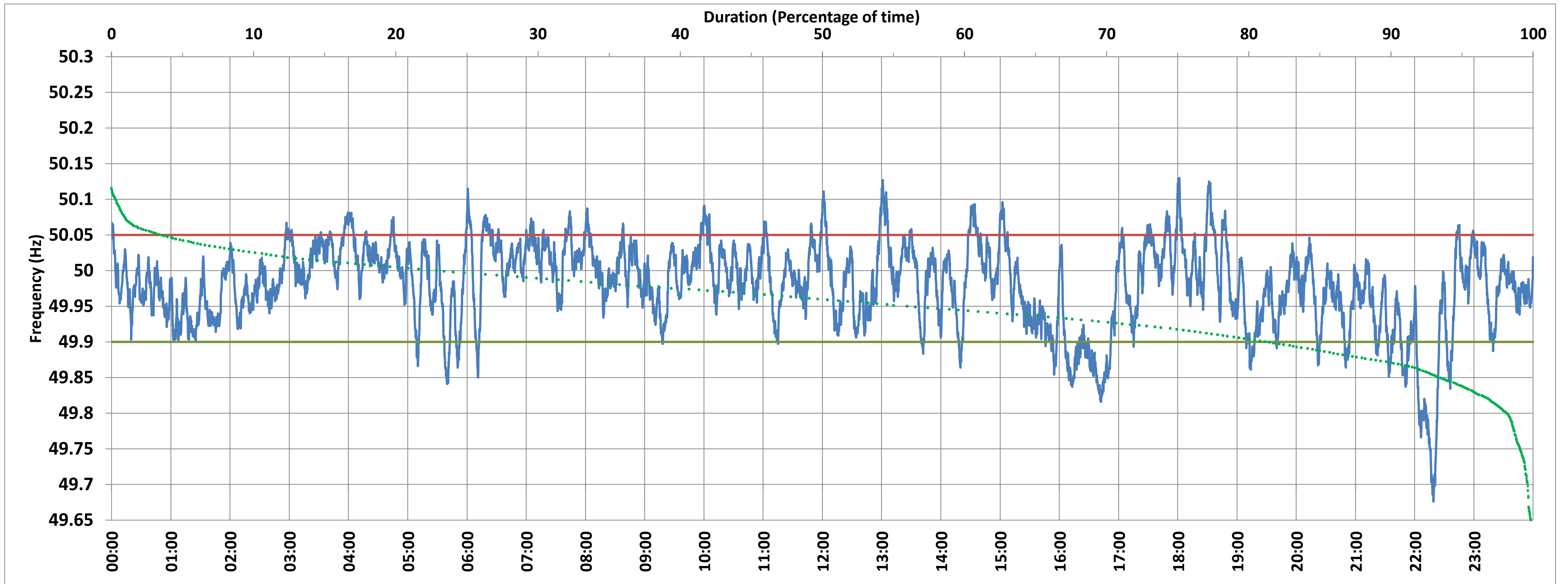




NARENDRA:Frequency

National Grid Frequency Profile for 12-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
0.13	8.75	38.38	0.95	7.67	50.63	39.91	0.72	82.67	99.87	43.33	8.29	39.36	18.29	8.58	0.00

Average Frequency :	49.979	Frequency Variation Index :	0.039	Standard Deviation :	0.059	Mileage	45.50
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Instantaneous Frequency		
Max	50.130	18:01:30
Min	49.676	22:18:50

15 minute Average Frequency		
Max	50.050	6:30:00
Min	49.819	22:15:00

No. of excursions above 50.03 Hz	111
No. of excursions below 49.97 Hz	134
No. of excursions above 50.00 Hz	126
No. of excursions below 50.00 Hz	119

% time <49.95	26.18
% time between 49.95 to 50.05	65.24

Average time freq remains below 49.97 per excursion	0:04:07	Average time frequency remains above 50.03 per excursion	0:02:22
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