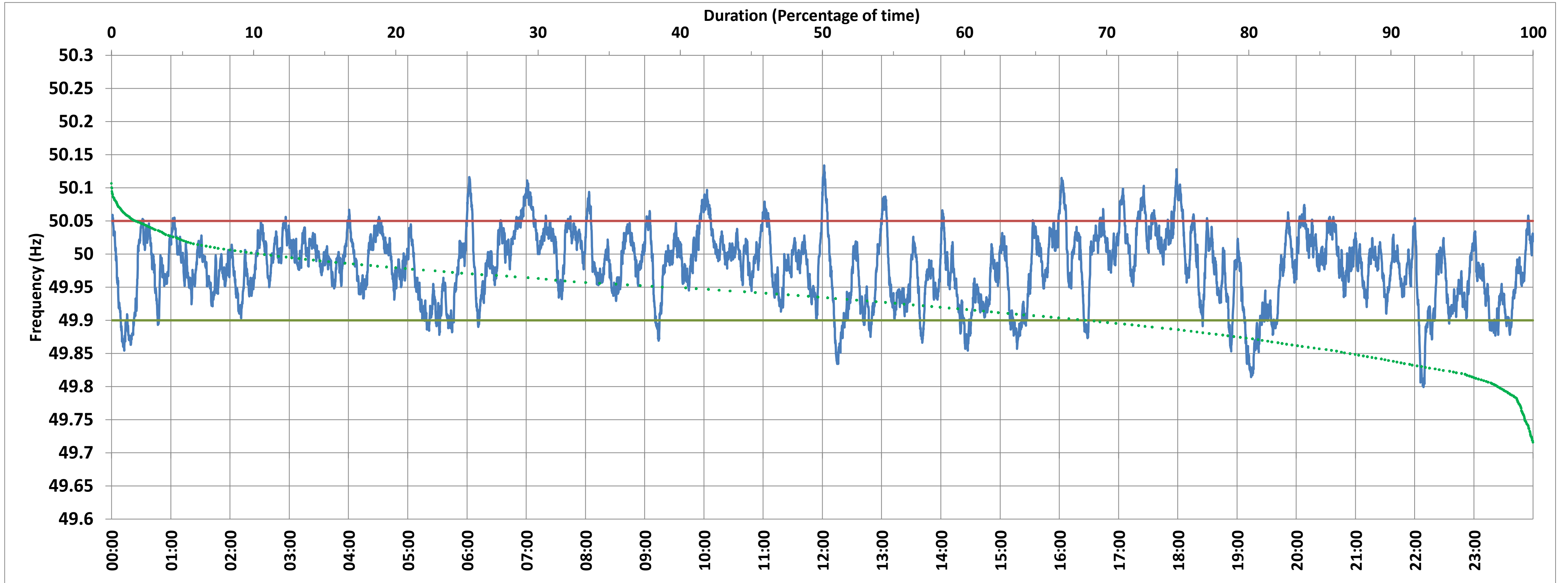




VIJAYAWADA:Frequency

National Grid Frequency Profile for 25-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	8.50	38.67	0.01	8.48	51.11	39.66	0.73	83.99	100.00	44.32	7.21	38.74	17.01	7.51	0.00

Average Frequency :	49.981	Frequency Variation Index :	0.033	Standard Deviation :	0.054	Mileage	43.91
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Instantaneous Frequency		
Max	50.134	12:01:40
Min	49.799	22:08:50

15 minute Average Frequency		
Max	50.053	7:15:00
Min	49.882	19:30:00

No. of excursions above 50.03 Hz	103
No. of excursions below 49.97 Hz	112
No. of excursions above 50.00 Hz	117
No. of excursions below 50.00 Hz	125

% time <49.95	27.29
% time between 49.95 to 50.05	65.20

Average time freq remains below 49.97 per excursion	0:04:58	Average time frequency remains above 50.03 per excursion	0:02:23
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