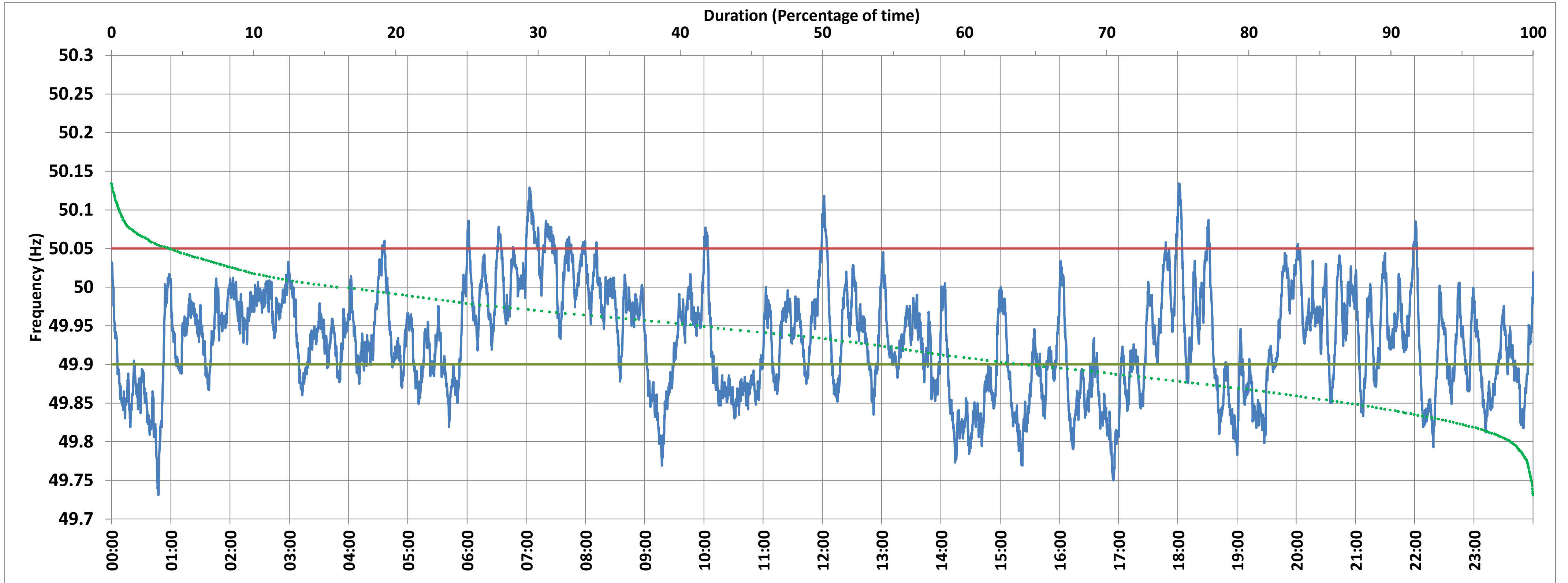




VIJAYAWADA:Frequency

National Grid Frequency Profile for 3-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	35.46	69.75	1.53	33.94	47.85	16.13	0.56	60.53	100.00	22.65	3.62	15.84	7.60	4.00	0.00

Average Frequency :	49.931	Frequency Variation Index :	0.094	Standard Deviation :	0.068	Mileage	45.63
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Instantaneous Frequency			
Max	50.134	18:01:00	
Min	49.731	0:47:20	

15 minute Average Frequency			
Max	50.073	7:15:00	
Min	49.807	17:00:00	

No. of excursions above 50.03 Hz	40
No. of excursions below 49.97 Hz	123
No. of excursions above 50.00 Hz	74
No. of excursions below 50.00 Hz	67

% time <49.95	58.32
% time between 49.95 to 50.05	37.67

Average time freq remains below 49.97 per excursion	0:08:10	Average time frequency remains above 50.03 per excursion	0:02:44
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