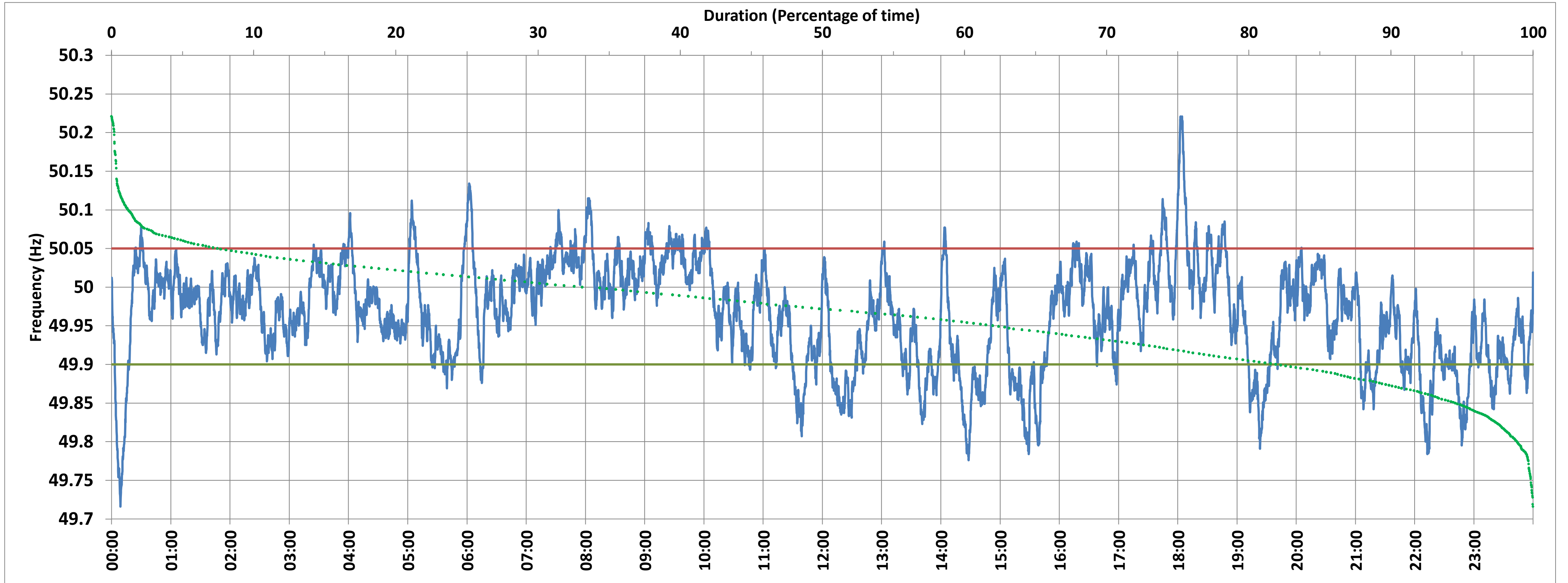




VIJAYAWADA:Frequency

National Grid Frequency Profile for 12-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
0.00	17.75	47.92	1.10	16.66	47.92	33.11	1.02	74.79	99.80	36.48	6.50	33.10	15.60	7.45	0.20

Average Frequency :	49.965	Frequency Variation Index :	0.058	Standard Deviation :	0.067	Mileage	45.62
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Instantaneous Frequency		
Max	50.221	18:02:50
Min	49.716	0:09:00

15 minute Average Frequency		
Max	50.106	18:15:00
Min	49.825	0:15:00

No. of excursions above 50.03 Hz	92
No. of excursions below 49.97 Hz	101
No. of excursions above 50.00 Hz	96
No. of excursions below 50.00 Hz	94

% time <49.95	37.60
% time between 49.95 to 50.05	54.94

Average time freq remains below 49.97 per excursion	0:06:50	Average time frequency remains above 50.03 per excursion	0:02:27
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