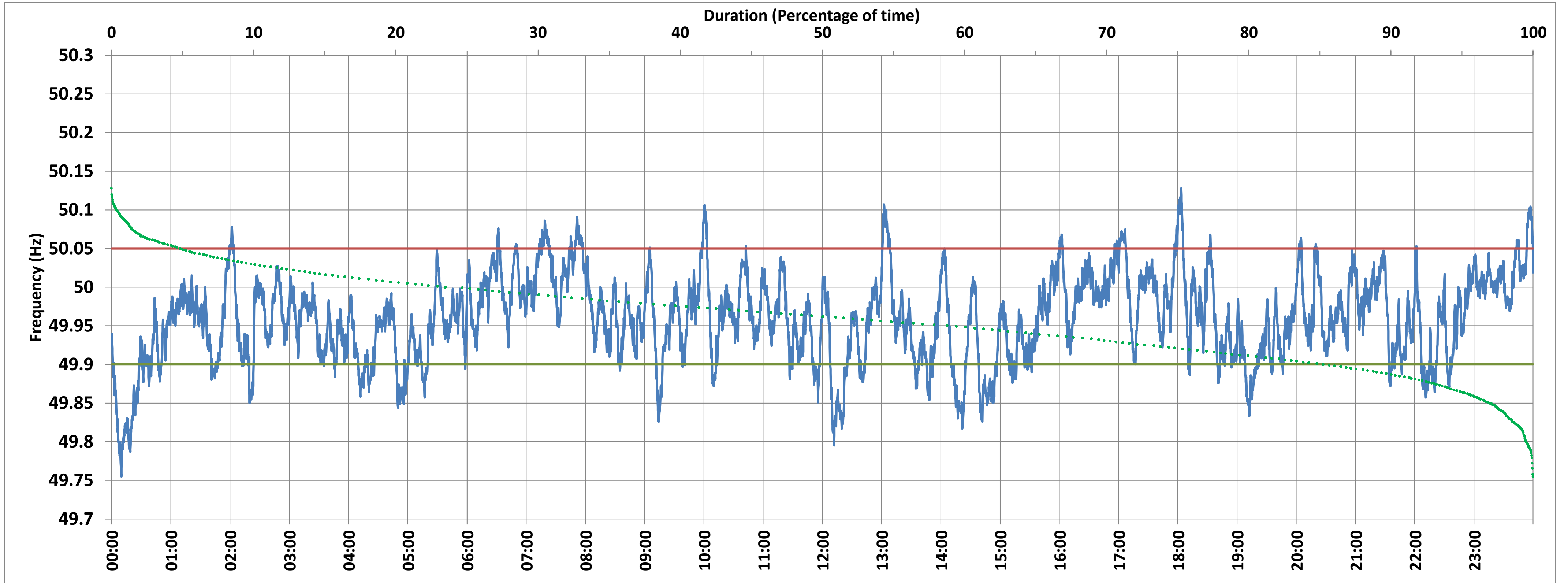




VIJAYAWADA:Frequency

National Grid Frequency Profile for 11-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	14.35	55.32	0.47	13.88	61.00	24.27	0.38	80.81	100.00	34.86	4.59	23.48	9.81	4.84	0.00

Average Frequency :	49.960	Frequency Variation Index :	0.048	Standard Deviation :	0.056	Mileage	46.05
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Instantaneous Frequency		
Max	50.128	18:03:30
Min	49.755	0:09:50

15 minute Average Frequency		
Max	50.052	8:00:00
Min	49.831	0:15:00

No. of excursions above 50.03 Hz	64
No. of excursions below 49.97 Hz	139
No. of excursions above 50.00 Hz	92
No. of excursions below 50.00 Hz	100

% time <49.95	40.58
% time between 49.95 to 50.05	54.58

Average time freq remains below 49.97 per excursion	0:05:44	Average time frequency remains above 50.03 per excursion	0:02:13
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