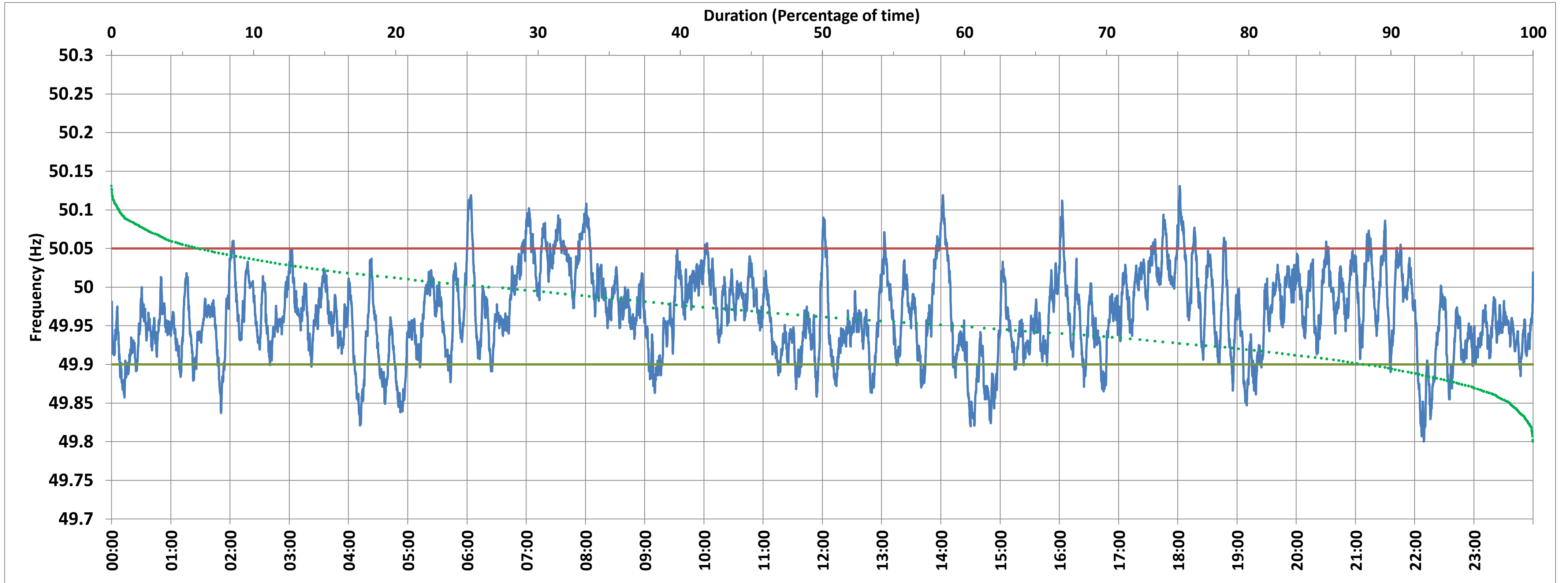




VIJAYAWADA:Frequency

National Grid Frequency Profile for 4-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	11.54	54.97	0.00	11.54	60.96	26.96	0.54	82.38	100.00	33.19	5.72	26.53	11.84	6.08	0.00

Average Frequency :	49.965	Frequency Variation Index :	0.042	Standard Deviation :	0.055	Mileage	43.53
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Instantaneous Frequency		
Max	50.131	18:01:50
Min	49.800	22:09:10

15 minute Average Frequency		
Max	50.054	7:45:00
Min	49.872	22:15:00

No. of excursions above 50.03 Hz	67
No. of excursions below 49.97 Hz	117
No. of excursions above 50.00 Hz	74
No. of excursions below 50.00 Hz	87

% time <49.95	40.17
% time between 49.95 to 50.05	53.75

Average time freq remains below 49.97 per excursion	0:06:46	Average time frequency remains above 50.03 per excursion	0:02:33
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