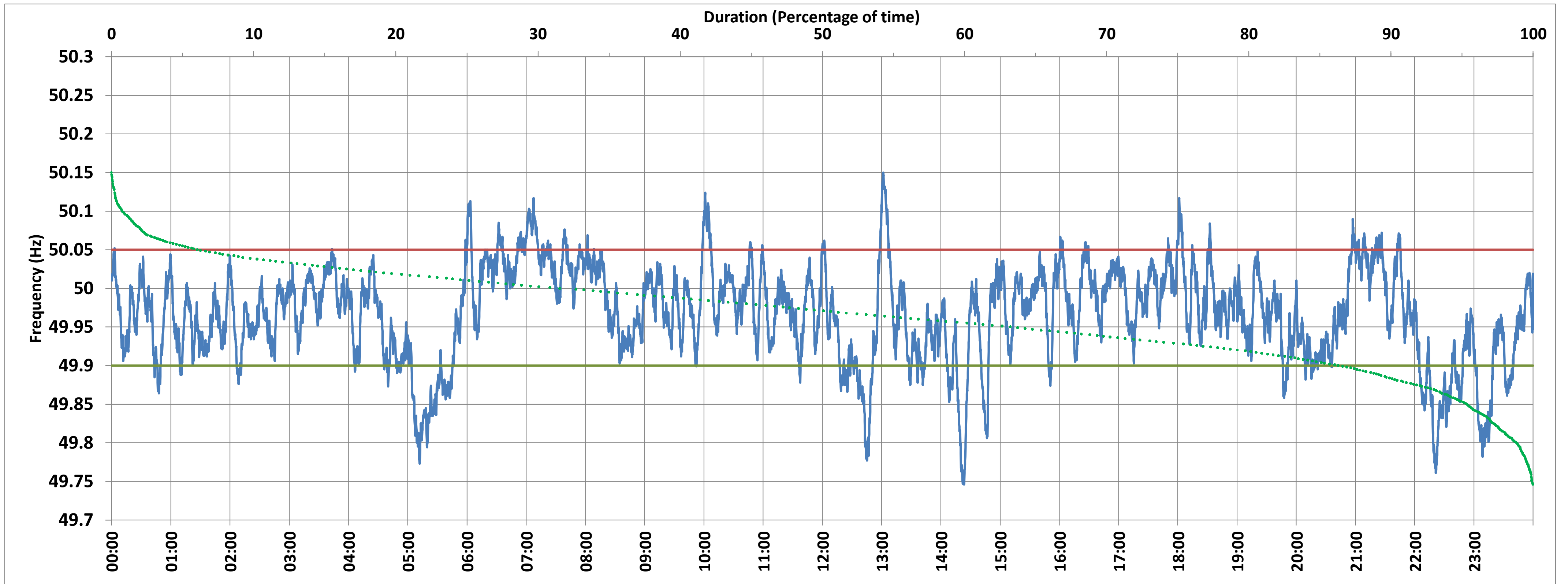




VIJAYAWADA:Frequency

National Grid Frequency Profile for 10-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	13.40	48.87	1.12	12.28	53.92	31.88	0.80	80.57	100.00	37.00	5.52	31.53	14.13	6.03	0.00

Average Frequency :	49.966	Frequency Variation Index :	0.050	Standard Deviation :	0.062	Mileage	47.19
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Instantaneous Frequency		
Max	50.150	13:01:30
Min	49.746	14:23:30

15 minute Average Frequency		
Max	50.074	7:15:00
Min	49.827	22:30:00

No. of excursions above 50.03 Hz	98
No. of excursions below 49.97 Hz	118
No. of excursions above 50.00 Hz	103
No. of excursions below 50.00 Hz	106

% time <49.95	36.26
% time between 49.95 to 50.05	57.71

Average time freq remains below 49.97 per excursion	0:05:58	Average time frequency remains above 50.03 per excursion	0:02:05
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