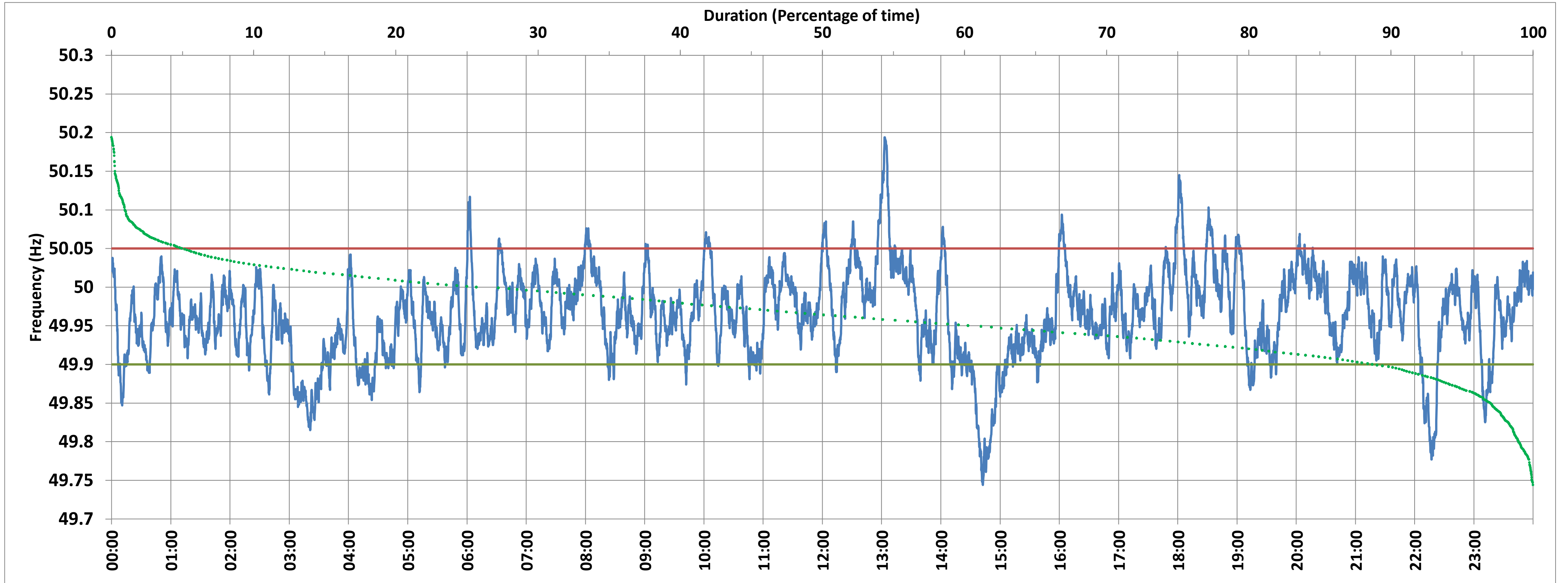




VIJAYAWADA:Frequency

National Grid Frequency Profile for 19-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	10.97	53.18	1.01	9.97	61.82	26.24	0.97	84.09	100.00	37.15	4.21	25.67	9.66	4.94	0.00

Average Frequency :	49.964	Frequency Variation Index :	0.045	Standard Deviation :	0.057	Mileage	43.68
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Instantaneous Frequency		
Max	50.194	13:03:00
Min	49.744	14:42:30

15 minute Average Frequency		
Max	50.095	13:15:00
Min	49.825	14:45:00

No. of excursions above 50.03 Hz	65
No. of excursions below 49.97 Hz	119
No. of excursions above 50.00 Hz	99
No. of excursions below 50.00 Hz	102

% time <49.95	38.83
% time between 49.95 to 50.05	56.23

Average time freq remains below 49.97 per excursion	0:06:26	Average time frequency remains above 50.03 per excursion	0:02:08
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