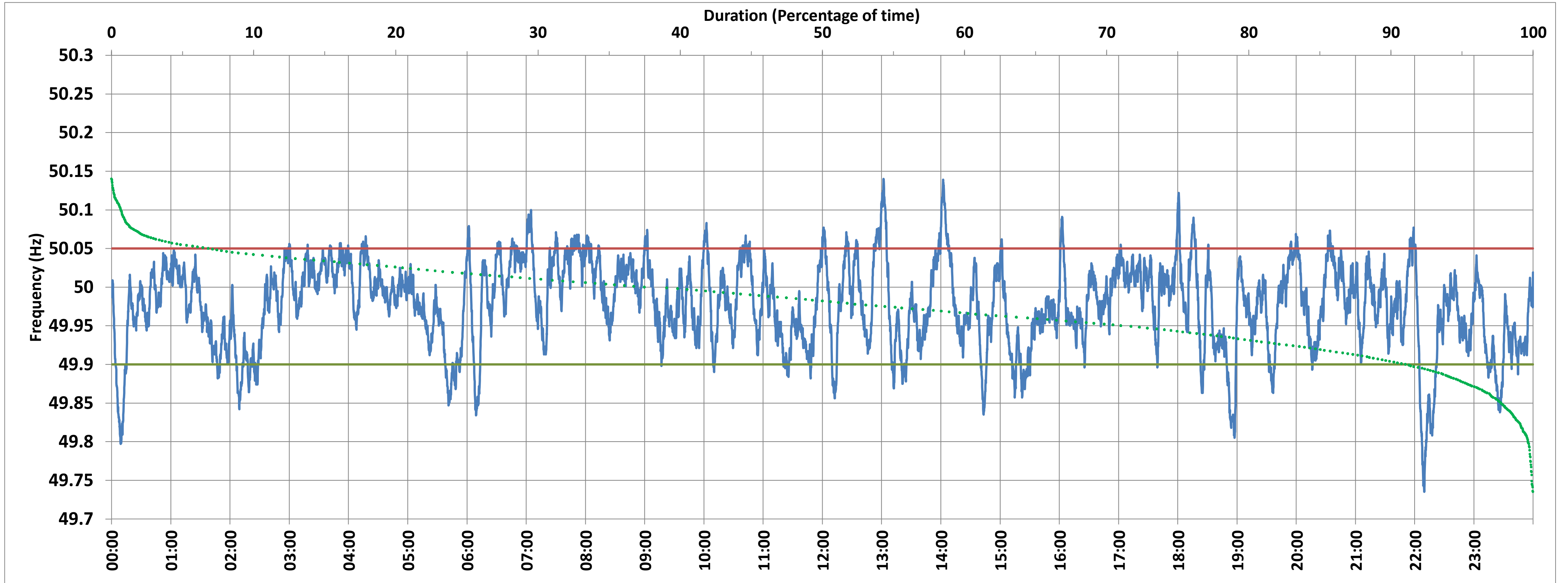




VIJAYAWADA:Frequency

National Grid Frequency Profile for 5-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	8.74	41.64	0.35	8.39	52.22	38.37	0.67	84.46	100.00	40.87	6.46	37.47	17.49	6.81	0.00

Average Frequency :	49.977	Frequency Variation Index :	0.036	Standard Deviation :	0.056	Mileage	44.91
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Instantaneous Frequency		
Max	50.140	13:01:50
Min	49.735	22:09:30

15 minute Average Frequency		
Max	50.055	14:15:00
Min	49.865	22:15:00

No. of excursions above 50.03 Hz	124
No. of excursions below 49.97 Hz	124
No. of excursions above 50.00 Hz	111
No. of excursions below 50.00 Hz	99

% time <49.95	28.29
% time between 49.95 to 50.05	64.91

Average time freq remains below 49.97 per excursion	0:04:50	Average time frequency remains above 50.03 per excursion	0:02:02
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