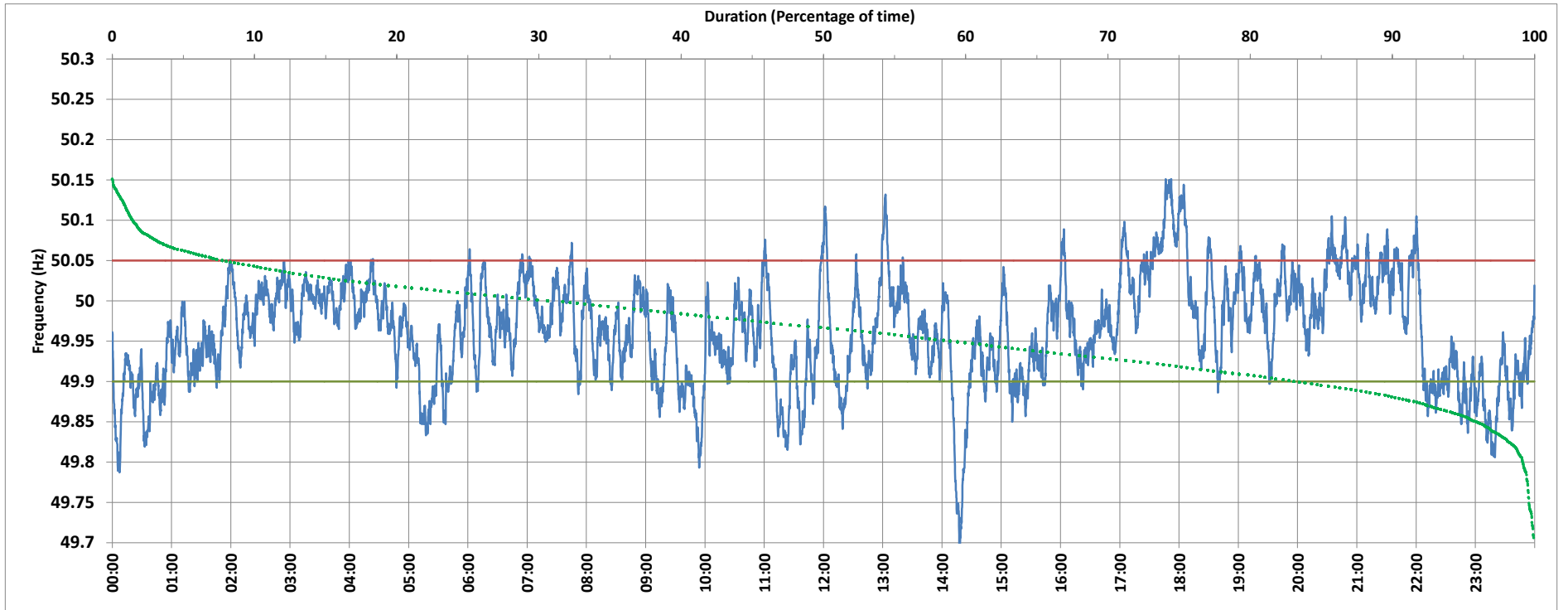




VIJAYAWADA:Frequency

National Grid Frequency Profile for 6/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
0.06	16.54	51.72	0.76	15.72	51.79	30.20	1.47	75.72	99.94	33.76	6.59	30.60	14.51	7.74	0.00

Average Frequency :	49.964	Frequency Variation Index :	0.055	Standard Deviation :	0.065	Mileage	44.88
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Instantaneous Frequency		
Max	50.151	17:46:20
Min	49.687	14:17:40

15 minute Average Frequency		
Max	50.113	18:00:00
Min	49.803	14:30:00

No. of excursions above 50.03 Hz	75
No. of excursions below 49.97 Hz	106
No. of excursions above 50.00 Hz	79
No. of excursions below 50.00 Hz	84

% time <49.95	40.58
% time between 49.95 to 50.05	51.68

Average time freq remains below 49.97 per excursion	0:07:02	Average time frequency remains above 50.03 per excursion	0:02:47
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