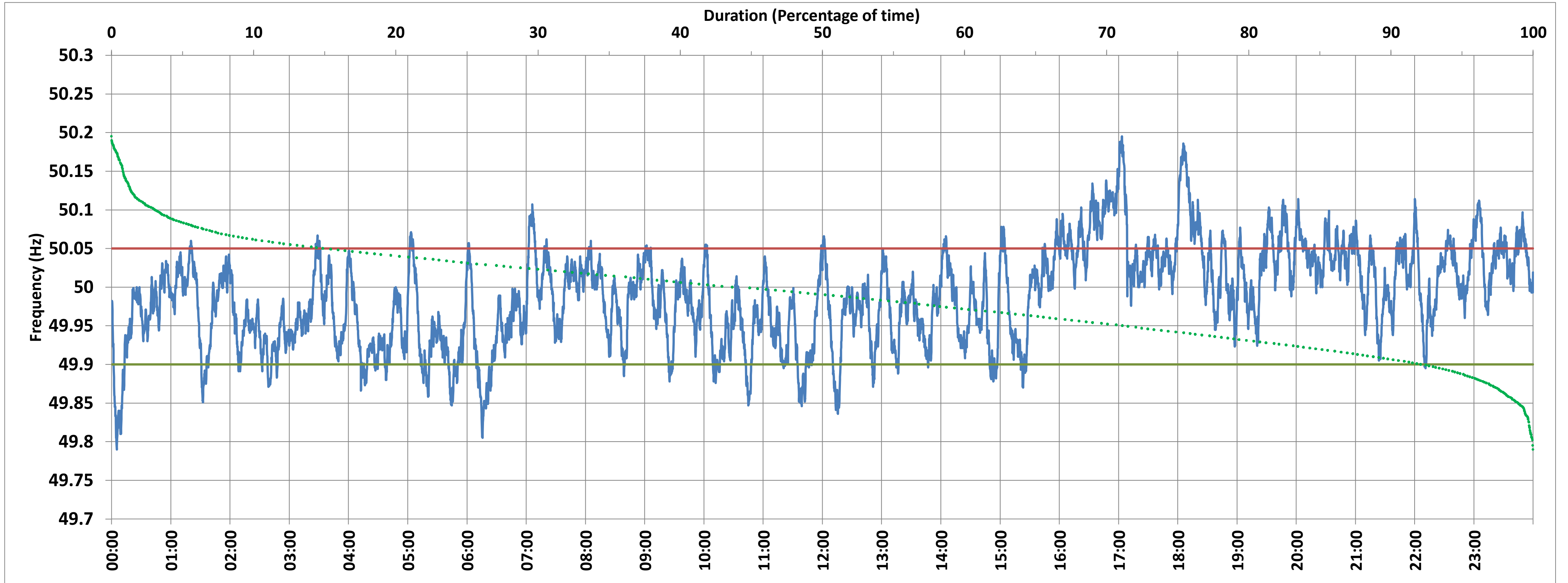




VIJAYAWADA:Frequency

National Grid Frequency Profile for 13-May-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	7.53	38.54	0.03	7.50	47.57	41.74	3.16	77.60	100.00	35.76	12.36	43.65	25.69	14.86	0.00

Average Frequency :	49.988	Frequency Variation Index :	0.040	Standard Deviation :	0.062	Mileage	45.21
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Instantaneous Frequency		
Max	50.195	17:03:20
Min	49.790	0:05:10

15 minute Average Frequency		
Max	50.135	18:15:00
Min	49.867	0:15:00

No. of excursions above 50.03 Hz	102
No. of excursions below 49.97 Hz	97
No. of excursions above 50.00 Hz	103
No. of excursions below 50.00 Hz	102

% time <49.95	28.51
% time between 49.95 to 50.05	56.63

Average time freq remains below 49.97 per excursion	0:05:43	Average time frequency remains above 50.03 per excursion	0:03:38
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