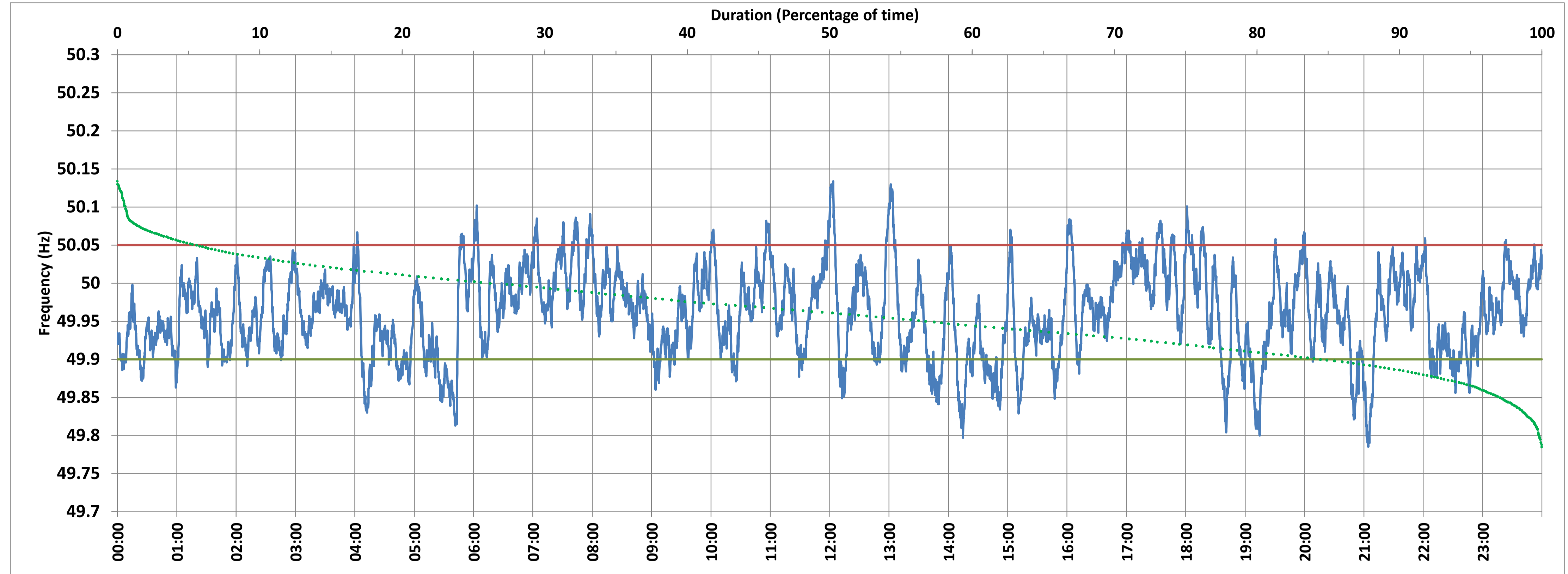




VIJAYAWADA:Frequency

National Grid Frequency Profile for 22-Mar-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	15.08	55.25	0.19	14.90	57.59	26.76	0.57	79.36	100.00	33.44	5.21	26.17	11.31	5.56	0.00

Average Frequency :	49.961	Frequency Variation Index :	0.049	Standard Deviation :	0.057	Mileage	46.48
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Instantaneous Frequency		
Max	50.134	12:03:30
Min	49.785	21:04:20

15 minute Average Frequency		
Max	50.035	17:15:00
Min	49.867	5:45:00

No. of excursions above 50.03 Hz	74
No. of excursions below 49.97 Hz	134
No. of excursions above 50.00 Hz	80
No. of excursions below 50.00 Hz	87

% time <49.95	42.67
% time between 49.95 to 50.05	51.77

Average time freq remains below 49.97 per excursion	0:05:56	Average time frequency remains above 50.03 per excursion	0:02:12
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