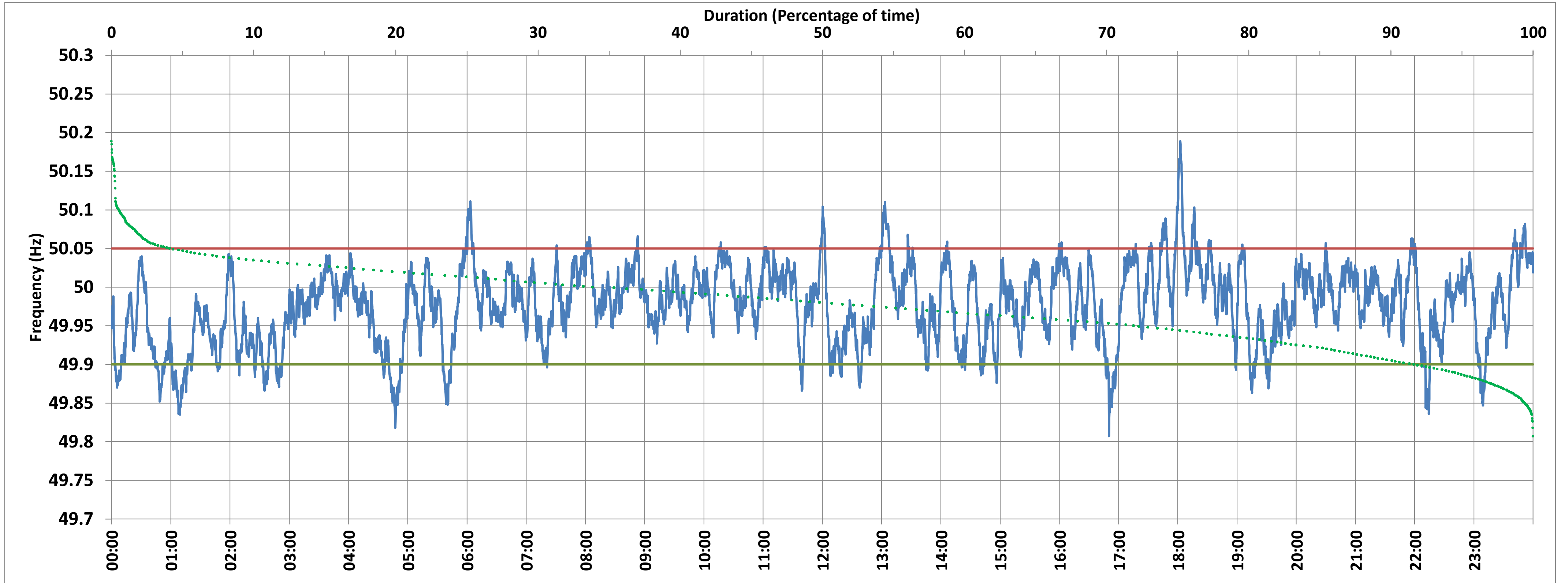




VIJAYAWADA:Frequency

National Grid Frequency Profile for 6-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	8.15	41.88	0.00	8.15	56.50	34.79	0.56	87.77	100.00	45.07	3.78	33.82	13.06	4.09	0.00

Average Frequency :	49.977	Frequency Variation Index :	0.031	Standard Deviation :	0.050	Mileage	43.94
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Instantaneous Frequency		
Max	50.189	18:02:30
Min	49.807	16:50:20

15 minute Average Frequency		
Max	50.070	18:15:00
Min	49.873	1:15:00

No. of excursions above 50.03 Hz	100
No. of excursions below 49.97 Hz	130
No. of excursions above 50.00 Hz	121
No. of excursions below 50.00 Hz	121

% time <49.95	27.75
% time between 49.95 to 50.05	68.16

Average time freq remains below 49.97 per excursion	0:04:38	Average time frequency remains above 50.03 per excursion	0:01:53
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