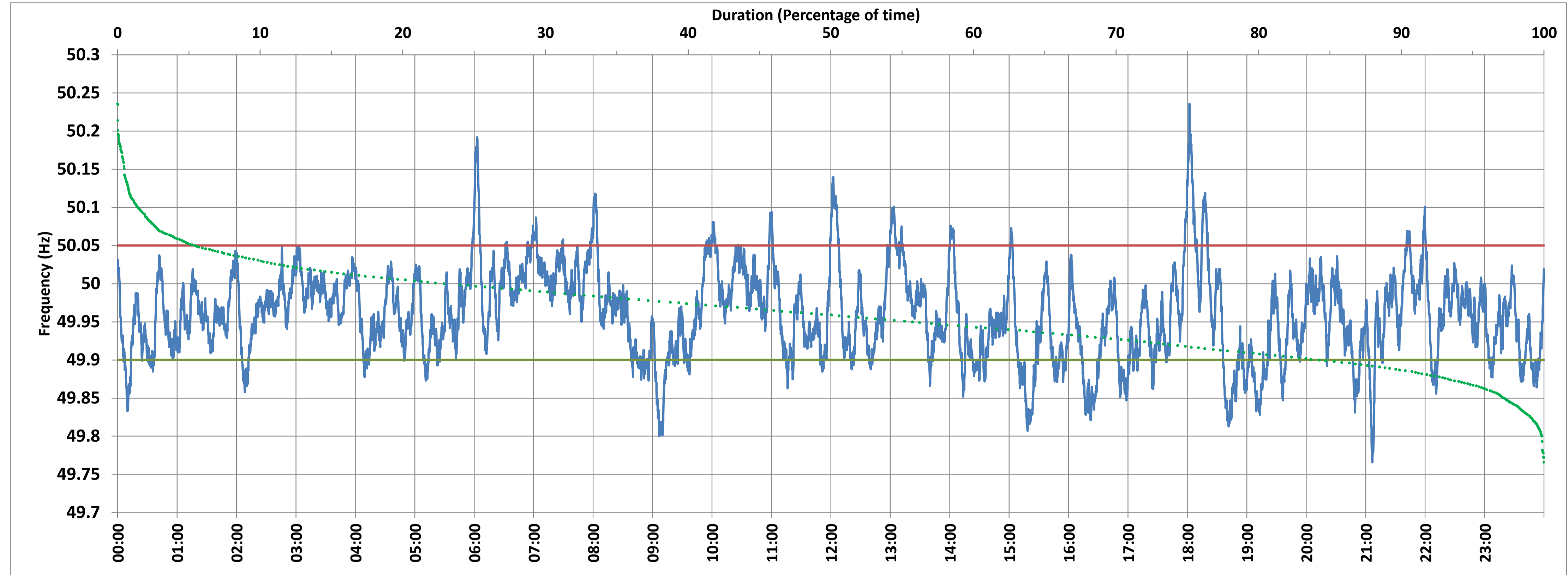




VIJAYAWADA:Frequency

National Grid Frequency Profile for 24-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	15.30	56.55	0.14	15.16	60.69	22.55	1.41	79.27	99.95	33.39	4.13	22.87	10.06	5.43	0.05

Average Frequency :	49.959	Frequency Variation Index :	0.051	Standard Deviation :	0.059	Mileage	46.59
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Instantaneous Frequency		
Max	50.236	18:02:00
Min	49.766	21:06:40

15 minute Average Frequency		
Max	50.084	18:15:00
Min	49.853	16:30:00

No. of excursions above 50.03 Hz	56
No. of excursions below 49.97 Hz	111
No. of excursions above 50.00 Hz	94
No. of excursions below 50.00 Hz	86

% time <49.95	43.77
% time between 49.95 to 50.05	50.80

Average time freq remains below 49.97 per excursion	0:07:20	Average time frequency remains above 50.03 per excursion	0:02:35
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