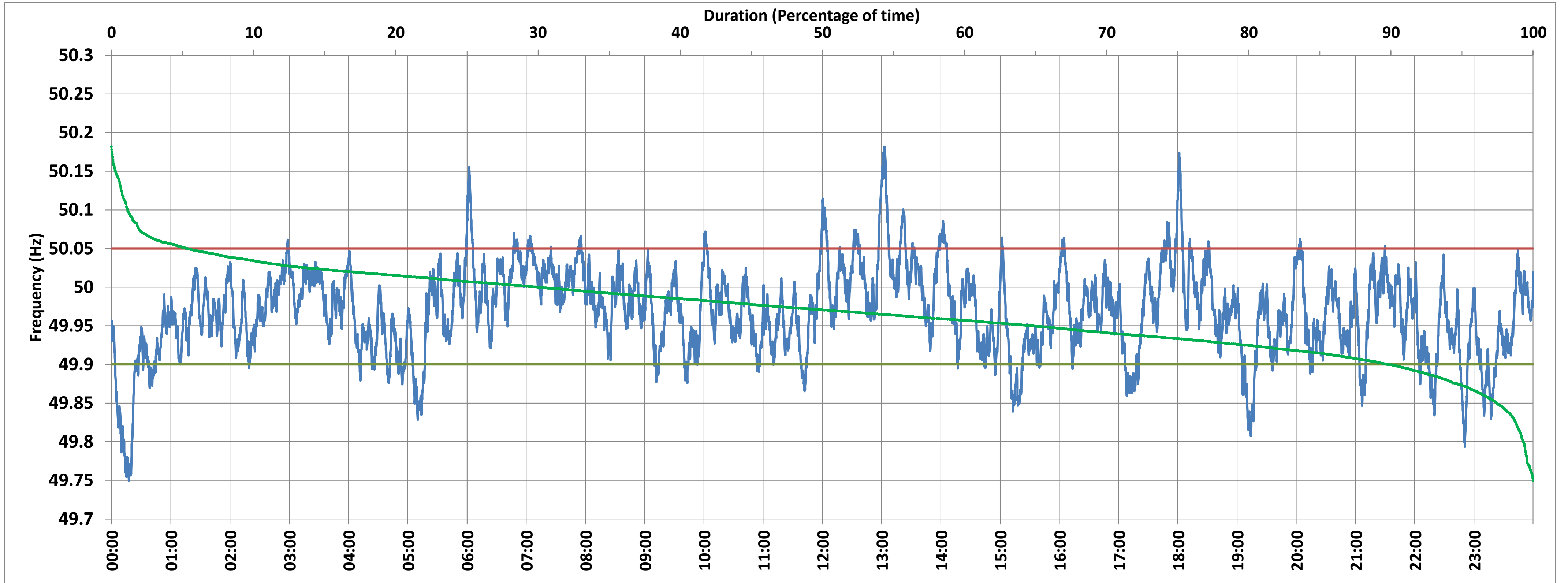




DURGAPUR:Frequency

National Grid Frequency Profile for 14-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
0.00	10.25	49.58	0.68	9.57	59.69	28.92	1.13	84.44	100.00	39.06	4.19	29.95	11.35	5.30	0.00

Average Frequency :	49.969	Frequency Variation Index :	0.042	Standard Deviation :	0.056	Mileage	46.01
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Instantaneous Frequency		
Max	50.182	13:02:50
Min	49.750	0:17:30

15 minute Average Frequency		
Max	50.072	13:15:00
Min	49.844	0:30:00

No. of excursions above 50.03 Hz	90
No. of excursions below 49.97 Hz	172
No. of excursions above 50.00 Hz	149
No. of excursions below 50.00 Hz	152

% time <49.95	35.27
% time between 49.95 to 50.05	59.43

Average time freq remains below 49.97 per excursion	0:04:09	Average time frequency remains above 50.03 per excursion	0:01:49
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