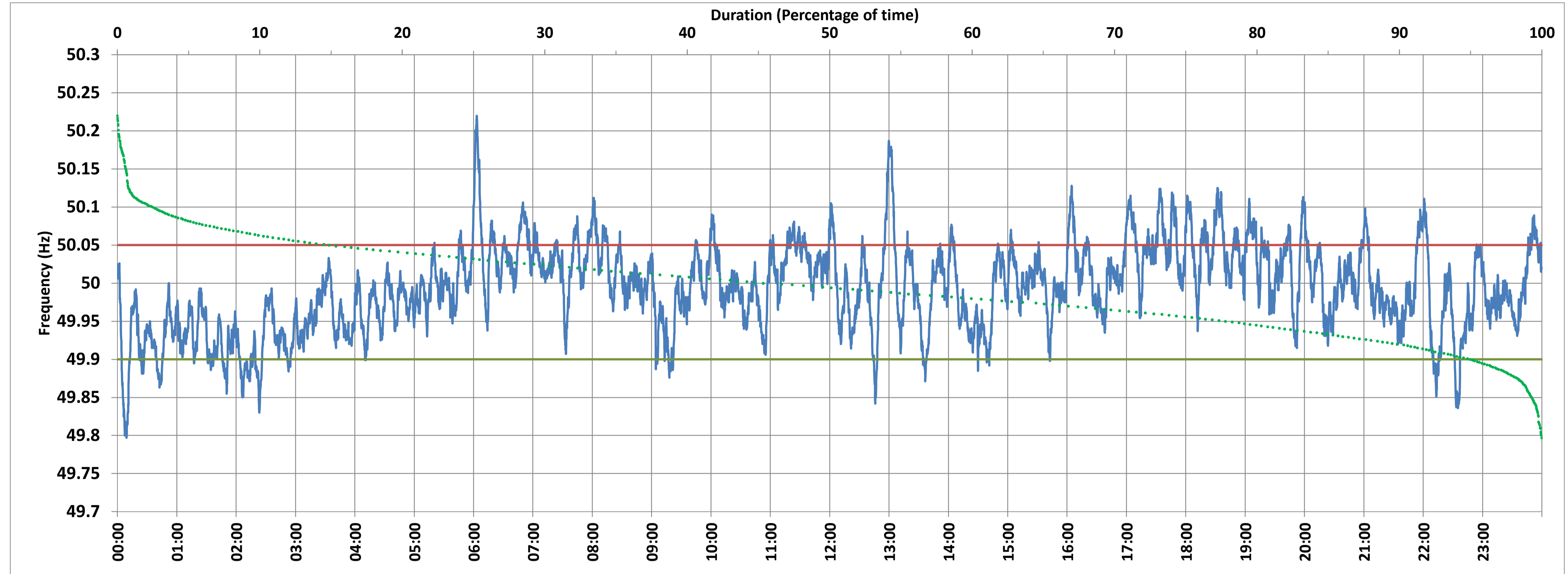




VIJAYAWADA:Frequency

National Grid Frequency Profile for 30-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	4.87	32.57	0.01	4.86	48.51	44.02	2.51	80.27	99.91	41.41	12.87	45.32	26.02	14.86	0.09

Average Frequency :	49.993	Frequency Variation Index :	0.032	Standard Deviation :	0.057	Mileage	45.28
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Instantaneous Frequency		
Max	50.220	6:03:20
Min	49.797	0:09:10

15 minute Average Frequency		
Max	50.075	6:15:00
Min	49.890	2:15:00

No. of excursions above 50.03 Hz	113
No. of excursions below 49.97 Hz	103
No. of excursions above 50.00 Hz	101
No. of excursions below 50.00 Hz	92

% time <49.95	21.75
% time between 49.95 to 50.05	63.39

Average time freq remains below 49.97 per excursion	0:04:33	Average time frequency remains above 50.03 per excursion	0:03:19
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