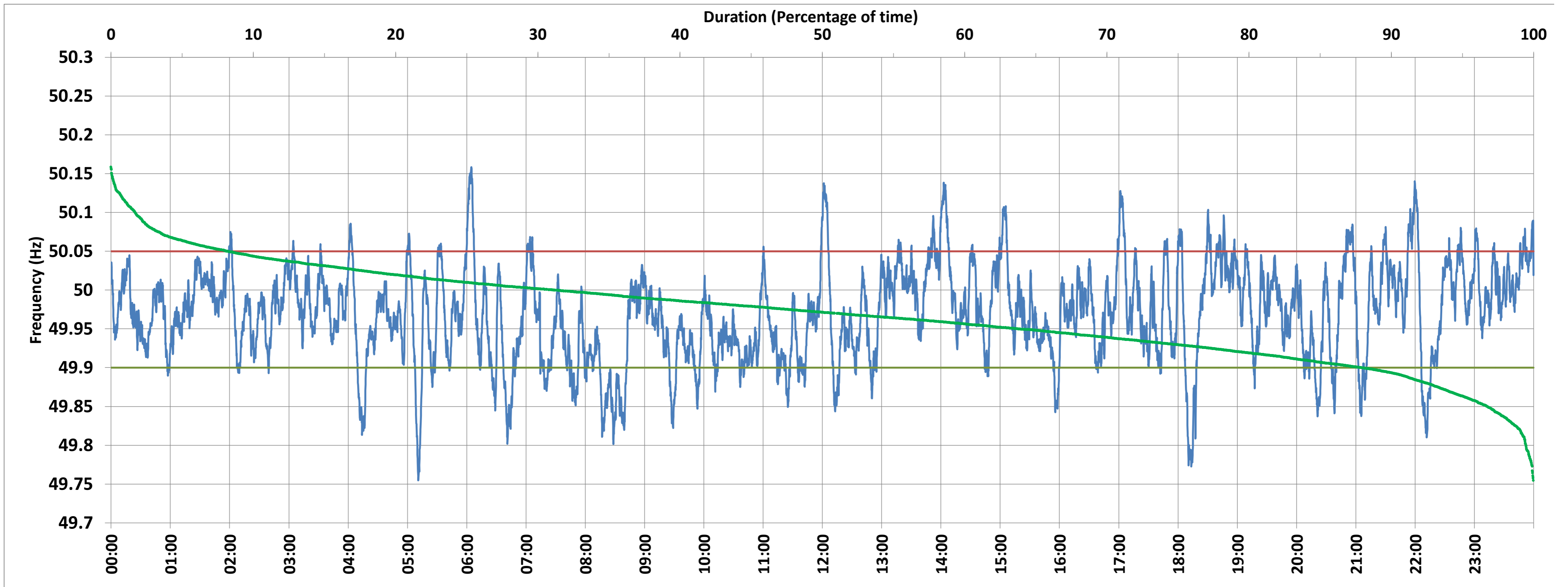




NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 12/Nov/2017



<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	12.09	49.14	0.52	11.57	56.82	29.40	1.69	79.78	100.00	35.35	6.49	31.03	15.51	8.13	0.00

Average Frequency :	49.969	Frequency Variation Index :	0.047	Standard Deviation :	0.061
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Instantaneous Frequency			15 minute Average Frequency			No. of excursions above 50.03 Hz		105	
Max	50.159	6:04:30	Max	50.056	14:15:00	No. of excursions below 49.97 Hz		177	
Min	49.755	5:10:50	Min	49.852	8:30:00	No. of excursions above 50.00 Hz		150	
							No. of excursions below 50.00 Hz		150

Average time freq remains below 49.97 per excursion	0:04:00	Average time frequency remains above 50.03 per excursion	0:02:08
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