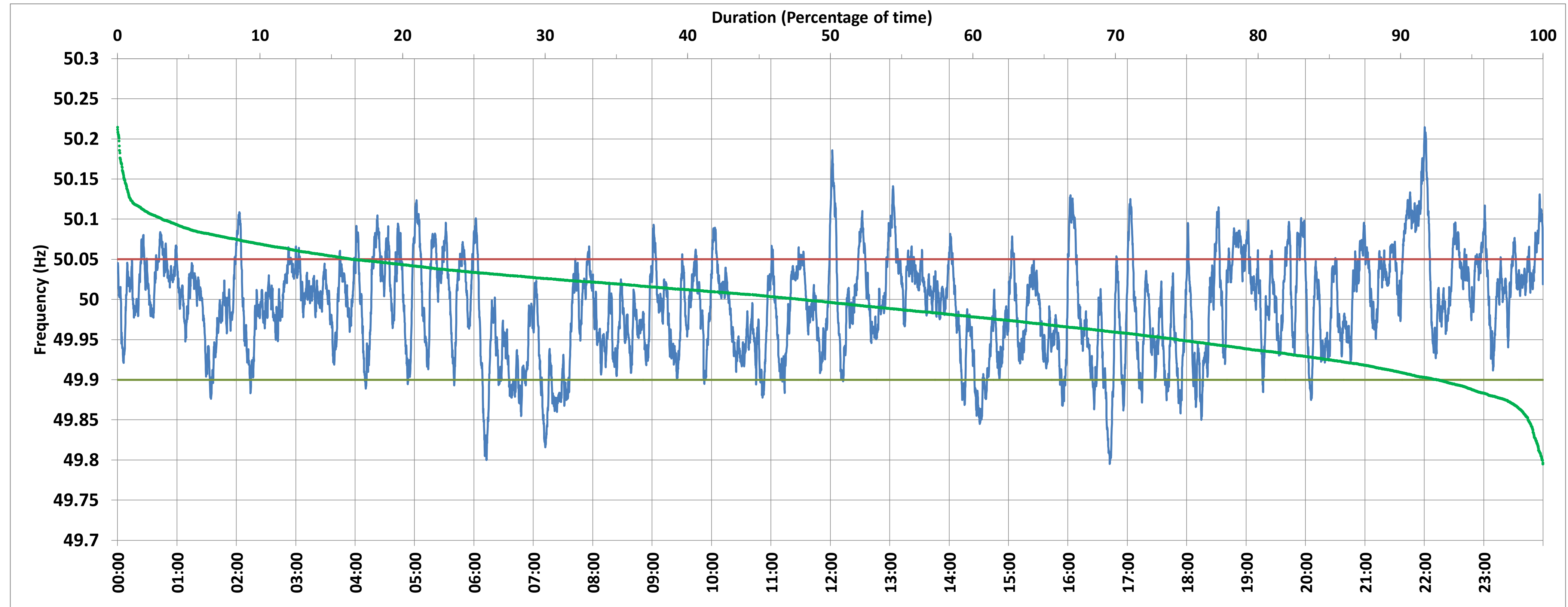




NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 7-Dec-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	7.40	35.39	0.05	7.35	44.49	44.97	3.03	76.09	99.88	37.19	13.45	48.07	27.42	16.52	0.12

Average Frequency :	49.992	Frequency Variation Index :	0.039	Standard Deviation :	0.062
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Instantaneous Frequency		
Max	50.215	22:00:10
Min	49.795	16:42:10

15 minute Average Frequency		
Max	50.119	22:00:00
Min	49.887	7:30:00

No. of excursions above 50.03 Hz	153
No. of excursions below 49.97 Hz	131
No. of excursions above 50.00 Hz	151
No. of excursions below 50.00 Hz	150

Average time freq remains below 49.97 per excursion	0:03:53	Average time frequency remains above 50.03 per excursion	0:02:35
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