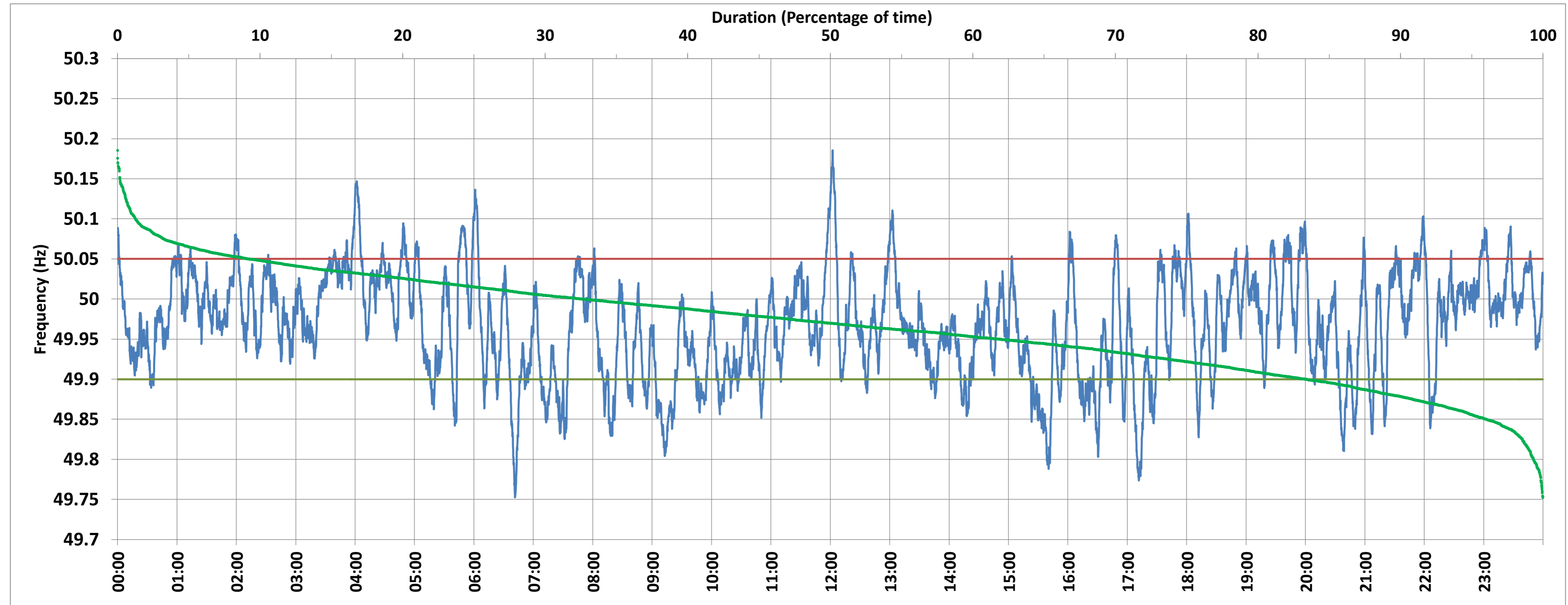




NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 11-Jan-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	16.60	50.02	0.67	15.93	50.74	31.39	1.27	74.16	100.00	32.06	7.99	32.64	17.92	9.25	0.00

Average Frequency :	49.967	Frequency Variation Index :	0.053	Standard Deviation :	0.065
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Instantaneous Frequency		
Max	50.186	12:02:20
Min	49.753	6:41:30

15 minute Average Frequency		
Max	50.049	4:00:00
Min	49.845	15:45:00

No. of excursions above 50.03 Hz	107
No. of excursions below 49.97 Hz	138
No. of excursions above 50.00 Hz	135
No. of excursions below 50.00 Hz	133

Average time freq remains below 49.97 per excursion	0:05:13	Average time frequency remains above 50.03 per excursion	0:02:25
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