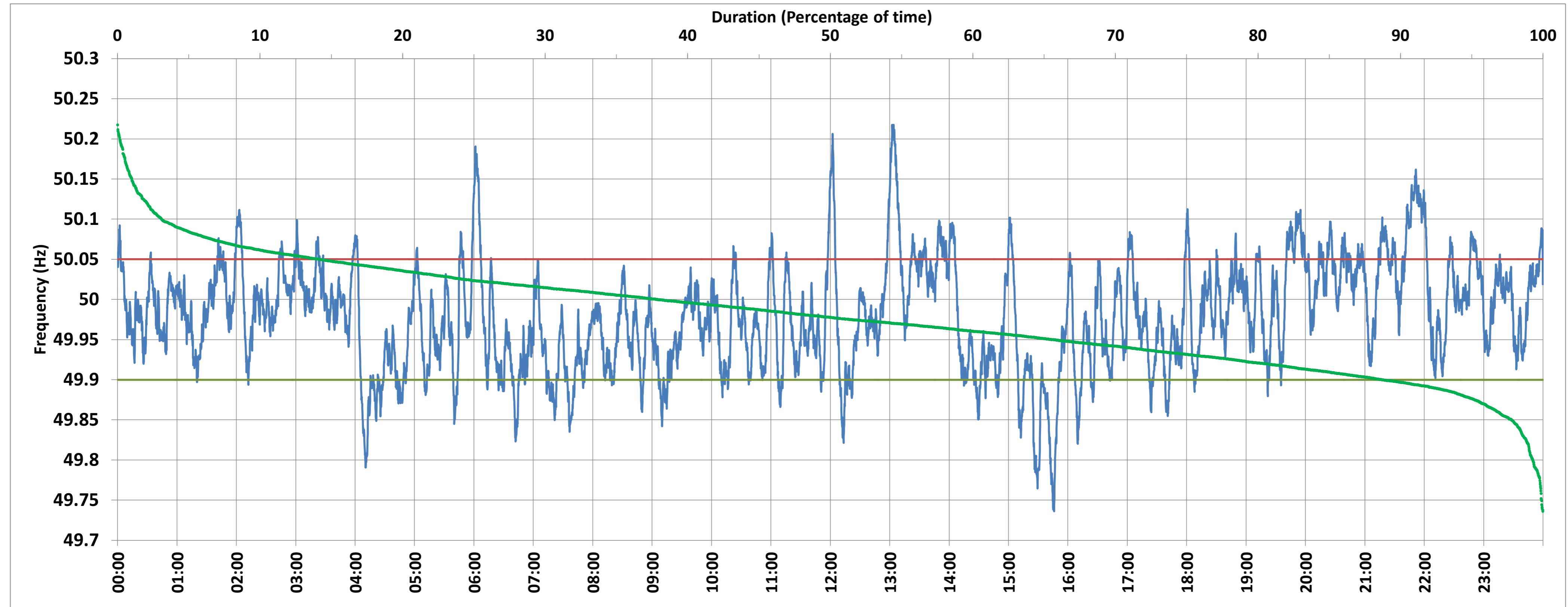




NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 30-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	11.27	45.28	0.72	10.56	50.82	34.79	2.95	74.51	99.84	32.37	11.15	37.87	22.35	14.21	0.16

Average Frequency :	49.979	Frequency Variation Index :	0.049	Standard Deviation :	0.067
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Instantaneous Frequency		
Max	50.218	13:04:10
Min	49.736	15:46:20

15 minute Average Frequency		
Max	50.125	22:00:00
Min	49.846	15:45:00

No. of excursions above 50.03 Hz	103
No. of excursions below 49.97 Hz	150
No. of excursions above 50.00 Hz	136
No. of excursions below 50.00 Hz	135

Average time freq remains below 49.97 per excursion	0:04:21	Average time frequency remains above 50.03 per excursion	0:03:07
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