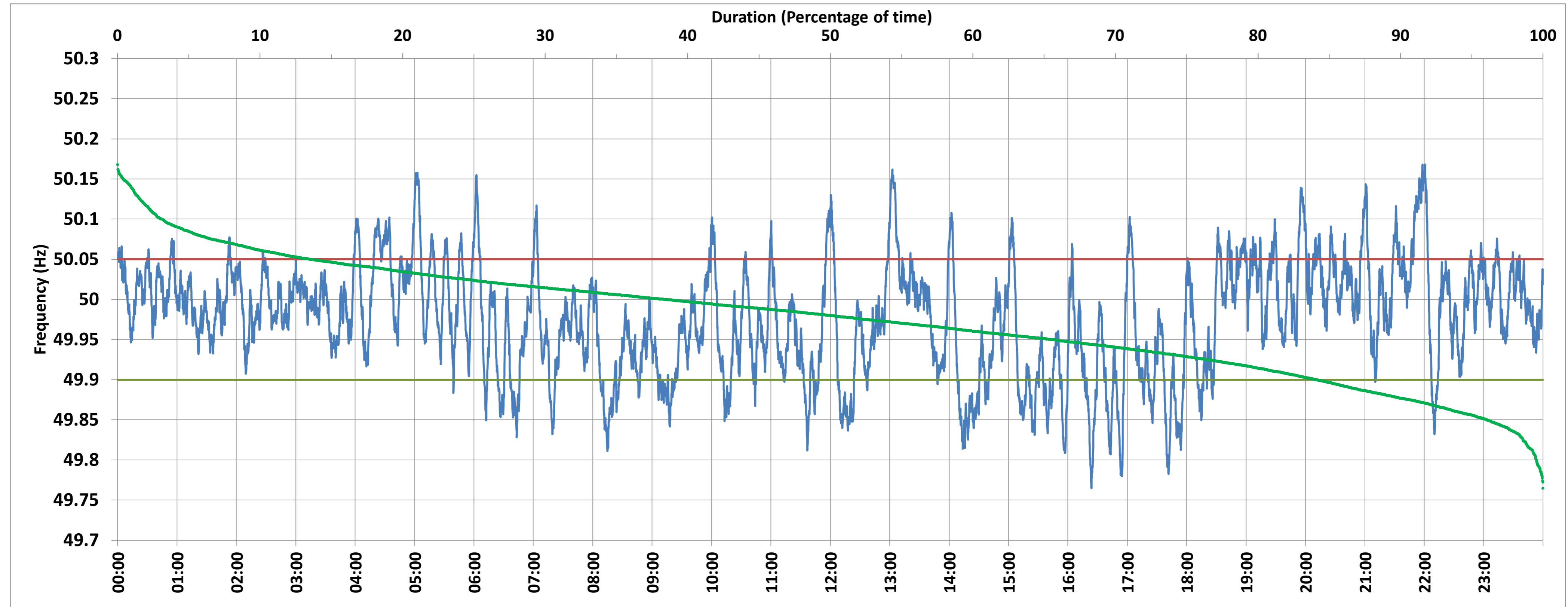




NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 29-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	15.86	44.68	0.46	15.39	45.63	35.36	3.16	70.58	100.00	33.28	10.47	38.46	22.05	13.56	0.00

Average Frequency :	49.976	Frequency Variation Index :	0.055	Standard Deviation :	0.070
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Instantaneous Frequency		
Max	50.168	21:58:10
Min	49.765	16:23:40

15 minute Average Frequency		
Max	50.105	22:00:00
Min	49.857	14:30:00

No. of excursions above 50.03 Hz	126
No. of excursions below 49.97 Hz	136
No. of excursions above 50.00 Hz	141
No. of excursions below 50.00 Hz	140

Average time freq remains below 49.97 per excursion	0:04:44	Average time frequency remains above 50.03 per excursion	0:02:31
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