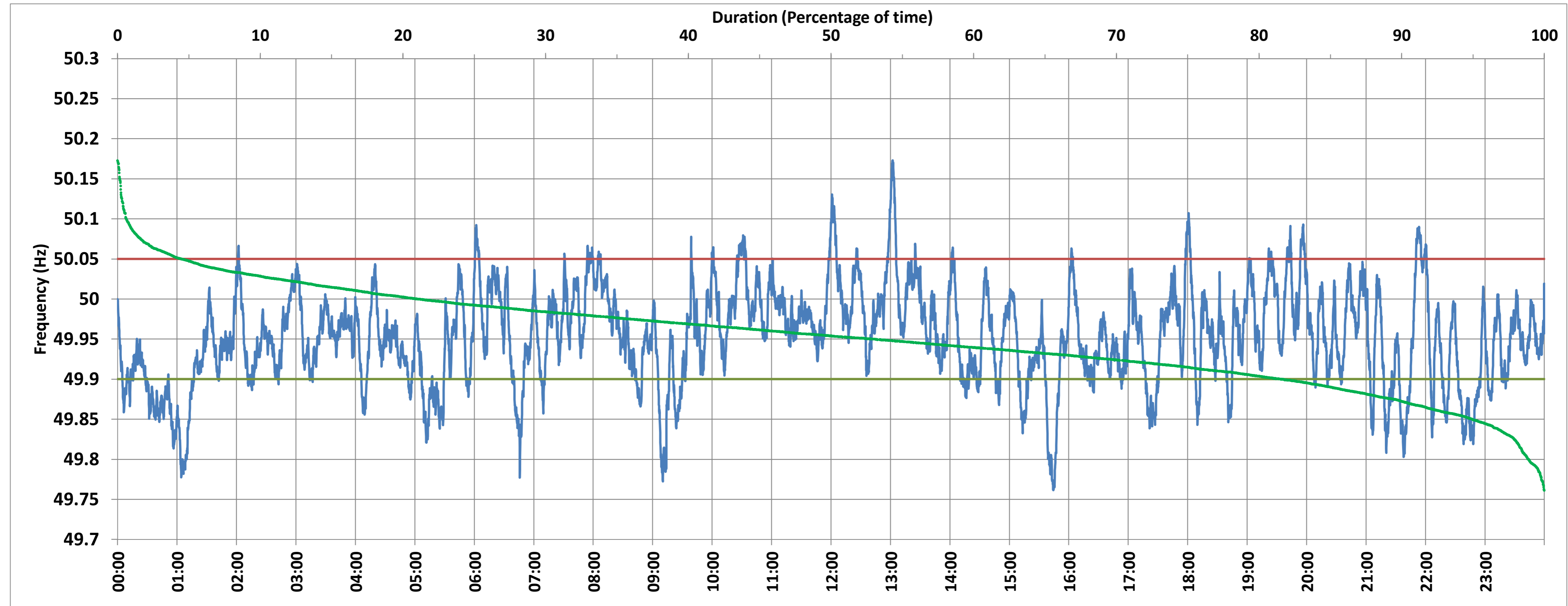


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 7-Mar-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	18.36	60.58	1.09	17.27	60.46	20.57	0.61	77.15	100.00	29.92	3.89	21.15	9.50	4.49	0.00

Average Frequency :	49.953	Frequency Variation Index :	0.059	Standard Deviation :	0.060	Mileage	45.38
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Instantaneous Frequency		
Max	50.173	13:02:10
Min	49.761	15:44:20

15 minute Average Frequency		
Max	50.043	13:15:00
Min	49.826	1:15:00

No. of excursions above 50.03 Hz	74
No. of excursions below 49.97 Hz	153
No. of excursions above 50.00 Hz	112
No. of excursions below 50.00 Hz	112

Average time freq remains below 49.97 per excursion	0:05:42	Average time frequency remains above 50.03 per excursion	0:01:51
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