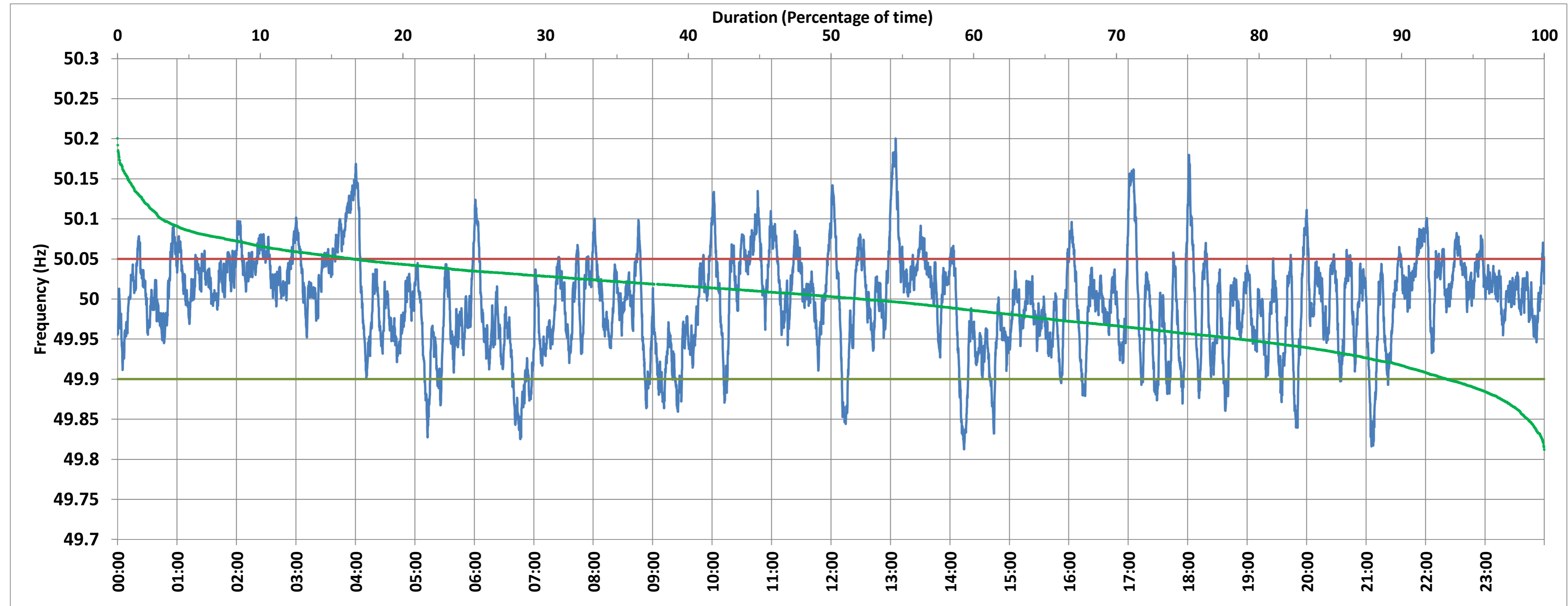


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 14-Feb-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	6.84	31.81	0.00	6.84	40.93	49.14	3.08	76.64	99.99	39.42	13.48	52.12	28.77	16.52	0.01

Average Frequency :	49.996	Frequency Variation Index :	0.036	Standard Deviation :	0.060	Mileage	48.40
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Instantaneous Frequency		
Max	50.201	13:05:10
Min	49.812	14:14:10

15 minute Average Frequency		
Max	50.108	4:00:00
Min	49.885	7:00:00

No. of excursions above 50.03 Hz	177
No. of excursions below 49.97 Hz	140
No. of excursions above 50.00 Hz	160
No. of excursions below 50.00 Hz	157

Average time freq remains below 49.97 per excursion	0:03:16	Average time frequency remains above 50.03 per excursion	0:02:20
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