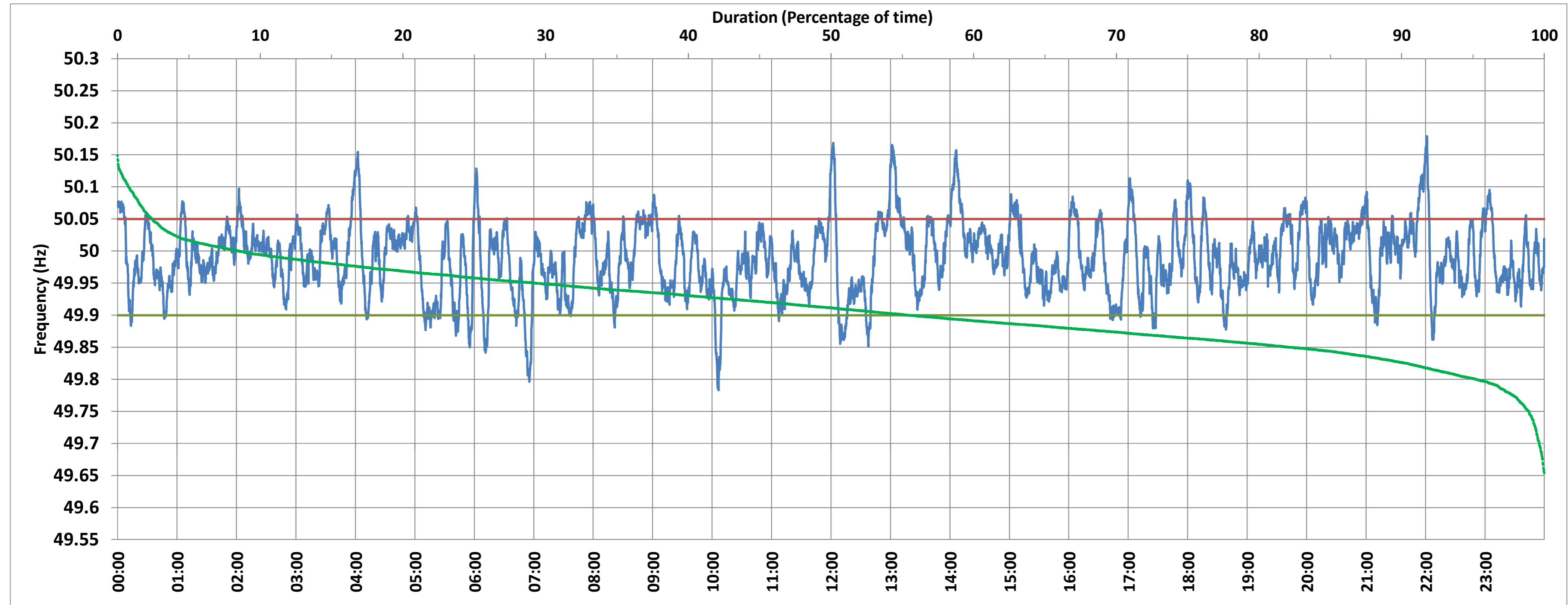


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 2-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	4.75	37.77	0.10	4.64	52.23	40.58	2.44	82.91	100.00	39.12	9.95	43.00	23.11	12.35	0.00

Average Frequency :	49.989	Frequency Variation Index :	0.032	Standard Deviation :	0.055	Mileage	44.75
---------------------	--------	-----------------------------	-------	----------------------	-------	---------	-------

Instantaneous Frequency		
Max	50.179	22:01:20
Min	49.783	10:06:20

15 minute Average Frequency		
Max	50.088	14:15:00
Min	49.892	7:00:00

No. of excursions above 50.03 Hz	120
No. of excursions below 49.97 Hz	165
No. of excursions above 50.00 Hz	164
No. of excursions below 50.00 Hz	163

Average time freq remains below 49.97 per excursion	0:03:18	Average time frequency remains above 50.03 per excursion	0:02:46
---	---------	--	---------