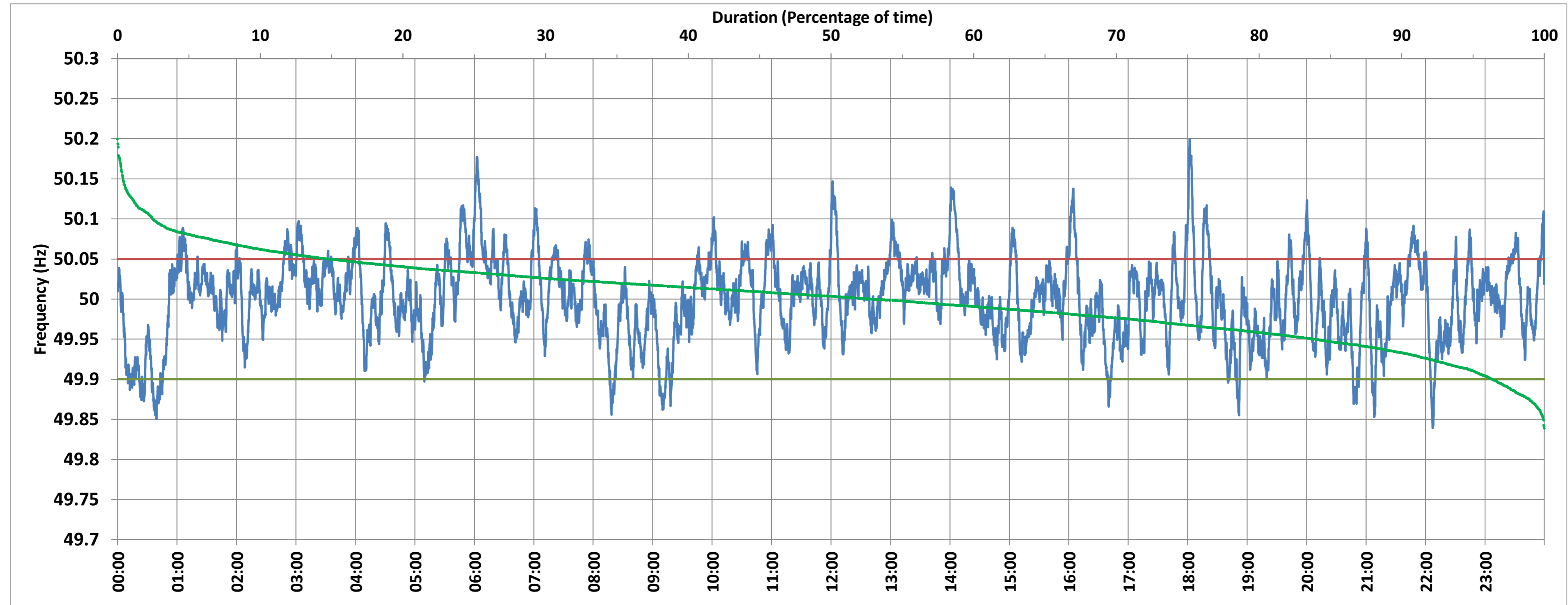


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 25-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	3.66	26.33	0.00	3.66	43.33	50.54	2.47	81.53	100.00	46.40	12.42	52.91	27.27	14.81	0.00

Average Frequency :	50.000	Frequency Variation Index :	0.027	Standard Deviation :	0.052	Mileage	46.02
---------------------	--------	-----------------------------	-------	----------------------	-------	---------	-------

Instantaneous Frequency		
Max	50.200	18:02:00
Min	49.839	22:07:10

15 minute Average Frequency		
Max	50.091	6:15:00
Min	49.897	0:45:00

No. of excursions above 50.03 Hz	159
No. of excursions below 49.97 Hz	128
No. of excursions above 50.00 Hz	188
No. of excursions below 50.00 Hz	190

Average time freq remains below 49.97 per excursion	0:02:58	Average time frequency remains above 50.03 per excursion	0:02:28
---	---------	--	---------