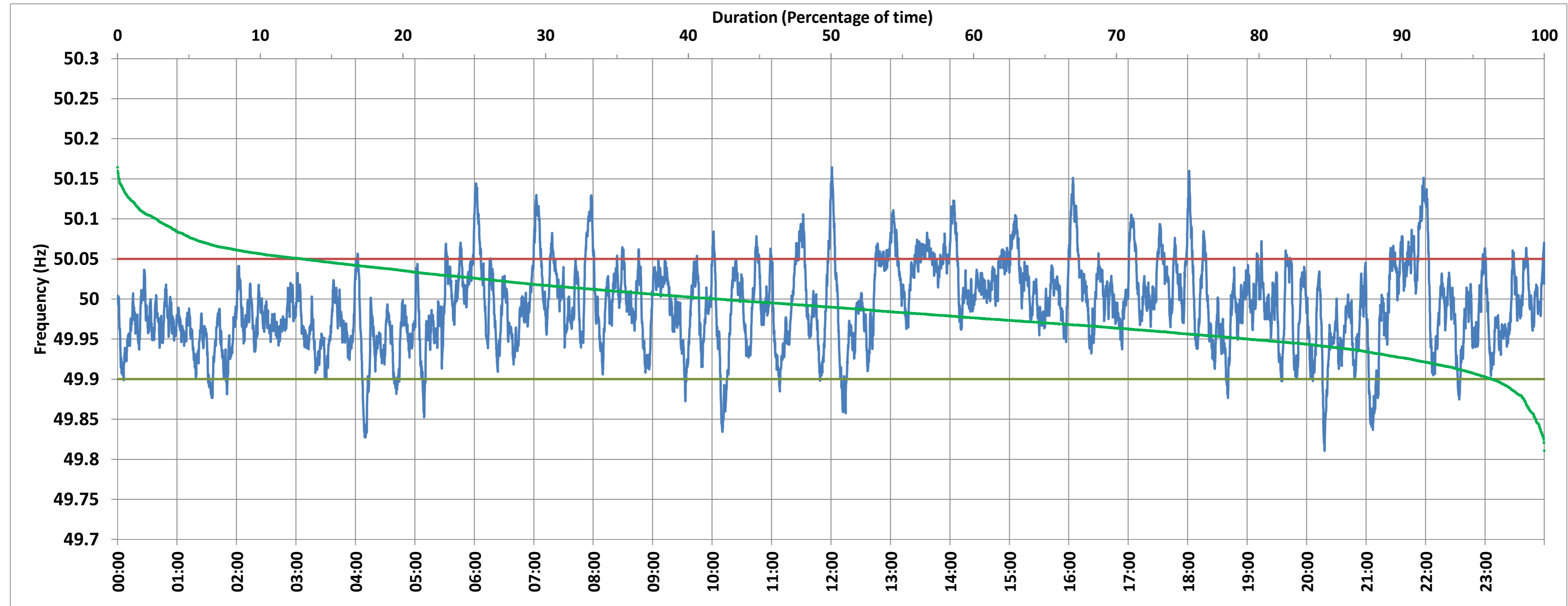


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



NTPC-VINDHYACHAL:Frequency

National Grid Frequency Profile for 18-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	3.62	34.58	0.00	3.62	54.16	39.50	2.72	83.39	100.00	42.79	10.31	42.13	22.63	12.99	0.00

Average Frequency :	49.991	Frequency Variation Index :	0.028	Standard Deviation :	0.052	Mileage	46.97
---------------------	--------	-----------------------------	-------	----------------------	-------	---------	-------

Instantaneous Frequency		
Max	50.165	12:00:50
Min	49.811	20:18:10

15 minute Average Frequency		
Max	50.079	22:00:00
Min	49.901	21:15:00

No. of excursions above 50.03 Hz	123
No. of excursions below 49.97 Hz	171
No. of excursions above 50.00 Hz	180
No. of excursions below 50.00 Hz	180

Average time freq remains below 49.97 per excursion	0:02:55	Average time frequency remains above 50.03 per excursion	0:02:39
---	---------	--	---------