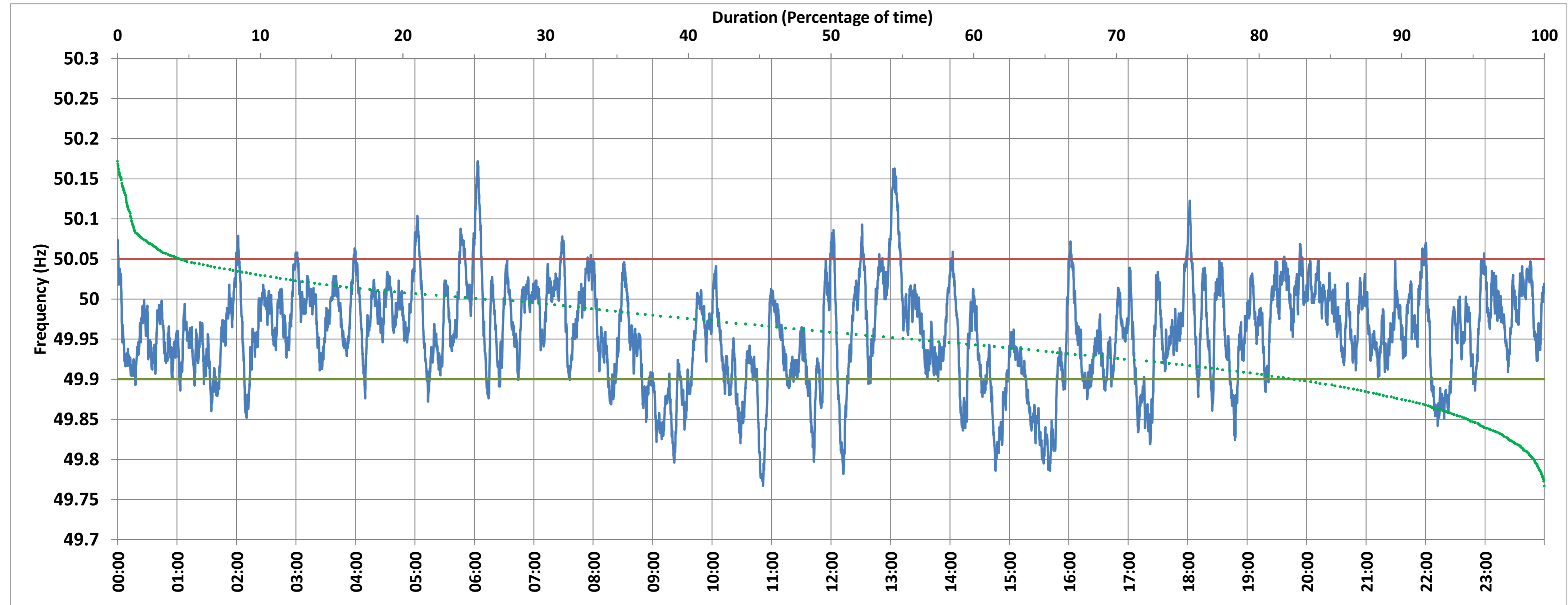


POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



VIJAYAWADA:Frequency

National Grid Frequency Profile for 15-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	17.13	55.98	0.71	16.42	55.76	26.13	0.97	78.46	100.00	34.00	3.53	25.75	10.01	4.41	0.00

Average Frequency :	49.957	Frequency Variation Index :	0.056	Standard Deviation :	0.062	Mileage	47.24
---------------------	--------	-----------------------------	-------	----------------------	-------	---------	-------

Instantaneous Frequency		
Max	50.172	6:03:20
Min	49.767	10:51:20

15 minute Average Frequency		
Max	50.079	13:15:00
Min	49.815	15:45:00

No. of excursions above 50.03 Hz	72
No. of excursions below 49.97 Hz	102
No. of excursions above 50.00 Hz	115
No. of excursions below 50.00 Hz	109

Average time freq remains below 49.97 per excursion	0:07:54	Average time frequency remains above 50.03 per excursion	0:02:00
---	---------	--	---------