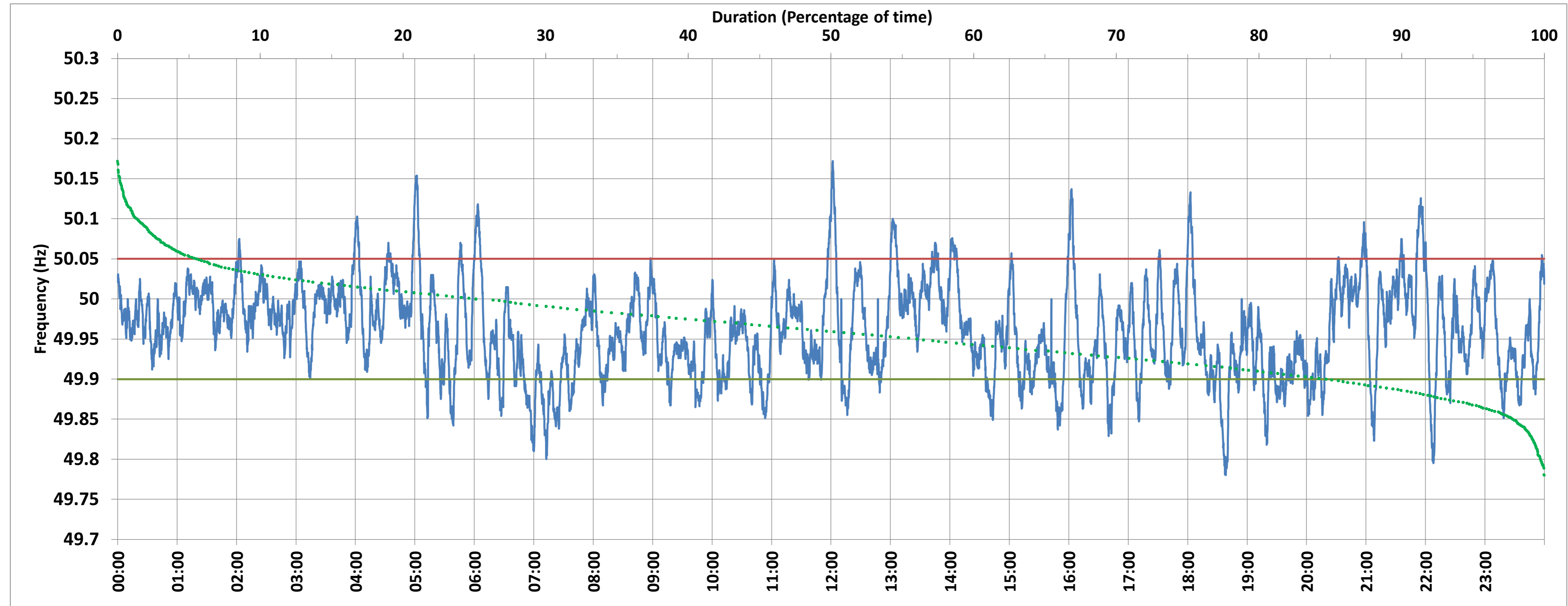


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



BAWANA:Frequency

National Grid Frequency Profile for 17-Jan-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	14.91	56.01	0.24	14.66	58.78	24.90	1.41	79.56	100.00	33.82	4.34	25.09	10.17	5.53	0.00

Average Frequency :	49.960	Frequency Variation Index :	0.050	Standard Deviation :	0.058	Positive Mileage(Above>50)	74.16
						Negative Mileage(Below<50)	417.45

Instantaneous Frequency		
Max	50.172	12:01:40
Min	49.780	18:38:30

15 minute Average Frequency		
Max	50.047	22:00:00
Min	49.866	18:45:00

No. of excursions above 50.03 Hz	58
No. of excursions below 49.97 Hz	138
No. of excursions above 50.00 Hz	72
No. of excursions below 50.00 Hz	67

Average time freq remains below 49.97 per excursion	0:05:51	Average time frequency remains above 50.03 per excursion	0:02:32
---	---------	--	---------