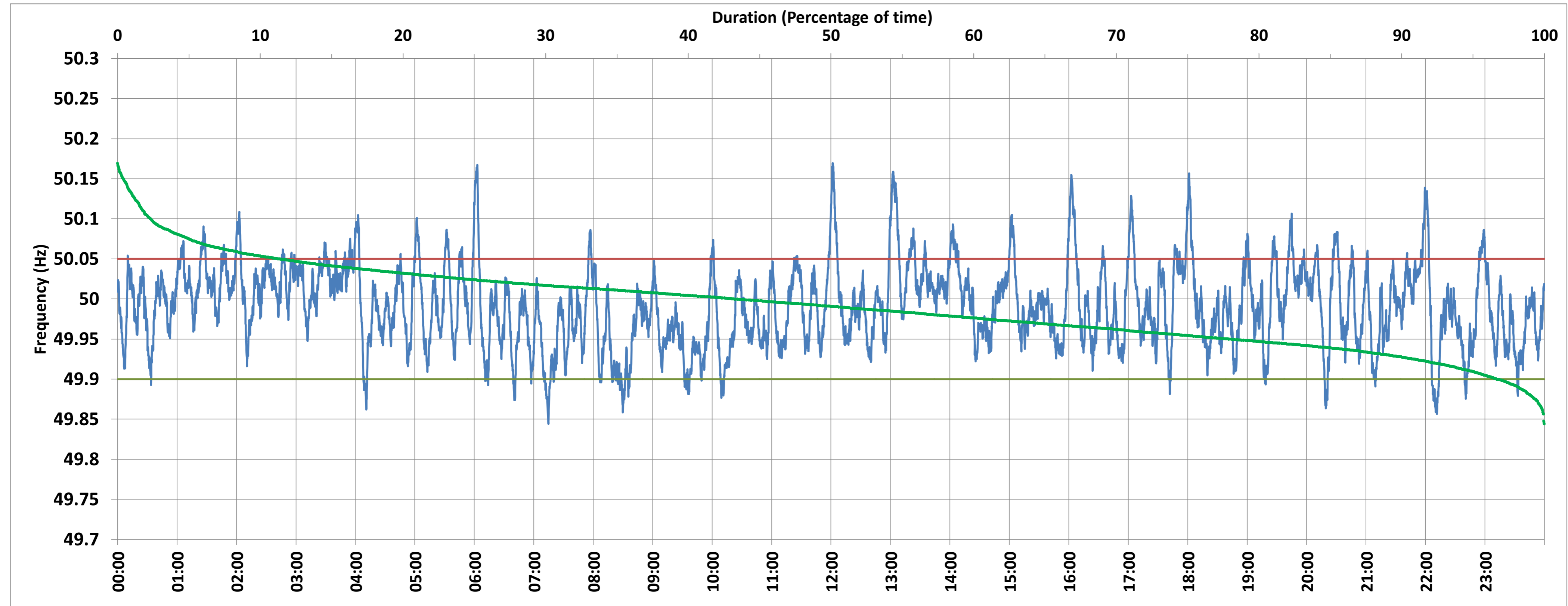


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



MPPTCL BINA:Frequency

National Grid Frequency Profile for 20-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	3.30	35.53	0.00	3.30	53.26	41.12	2.31	85.32	100.00	43.24	9.09	43.32	21.23	11.38	0.00

Average Frequency :	49.991	Frequency Variation Index :	0.027	Standard Deviation :	0.051	Positive Mileage(Above>50)	140.12
						Negative Mileage(Below<50)	217.28

Instantaneous Frequency		
Max	50.169	12:01:50
Min	49.844	7:14:40

15 minute Average Frequency		
Max	50.071	13:15:00
Min	49.916	8:30:00

No. of excursions above 50.03 Hz	133
No. of excursions below 49.97 Hz	148
No. of excursions above 50.00 Hz	168
No. of excursions below 50.00 Hz	167

Average time freq remains below 49.97 per excursion	0:03:27	Average time frequency remains above 50.03 per excursion	0:02:18
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