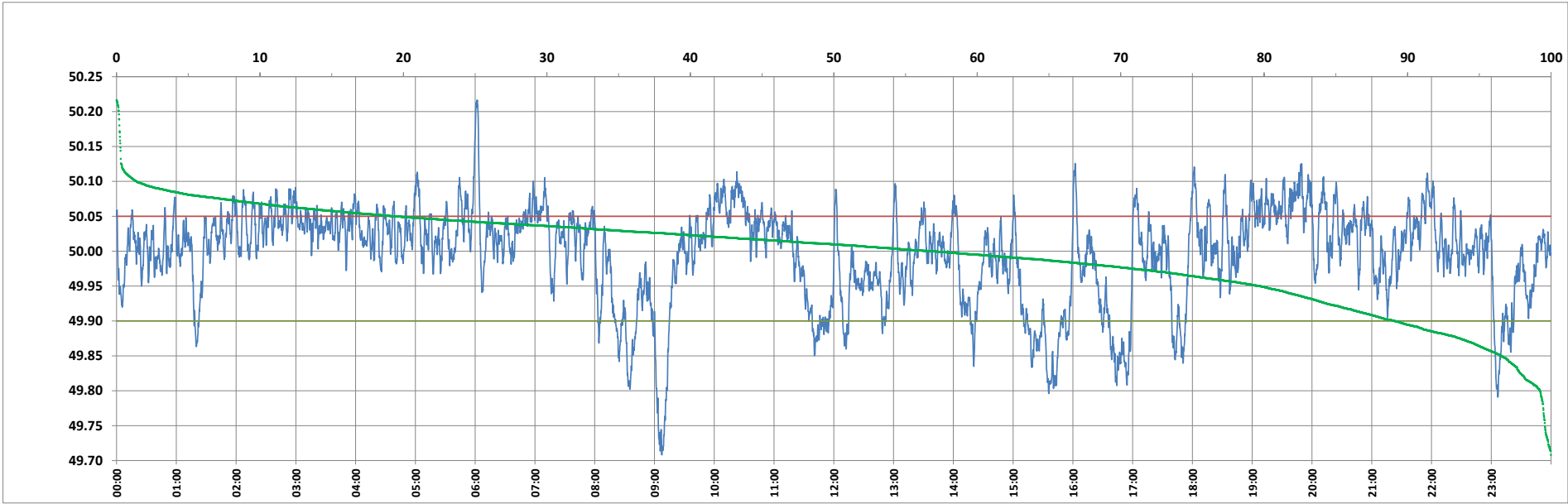


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Oct-2023 (Saturday)



<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	<49.95	49.95-50.05	49.90-49.95
0.00	10.91	26.91	0.76	10.15	32.23	55.45	1.24	69.69	99.84	38.47	18.00	56.85	34.62	19.40	0.16	20.32	60.28	9.41

Average Frequency : 49.996	Frequency Variation Index : 0.0456	Standard Deviation : 0.0675	Mileage: 43.6	FDI: 30.3
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Instantaneous Frequency		
Max	50.217	6:02:00
Min	49.708	9:07:20

15 minute Average Frequency		
Max	50.083	20:00:00
Min	49.780	9:15:00

No. of excursions	
above 50.03 Hz	162
below 49.97 Hz	90
above 50.00 Hz	157
below 50.00 Hz	156

Average time freq per excursion remains	
below 49.97	0:04:18
above 50.03	0:03:05

No. of hours freq outside 49.9-50.05 Hz	7:16:30
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Source : BARH 10 Sec. (8640 samples)