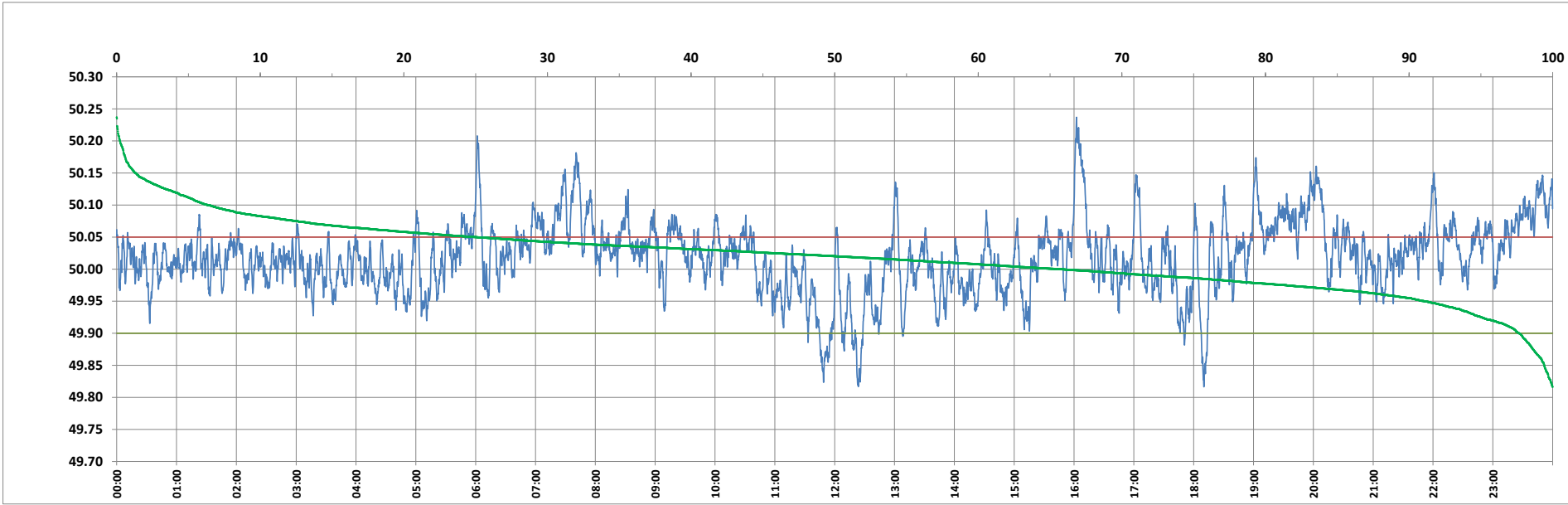


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Sep-2023 (Thursday)



<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	2.33	15.94	0.00	2.33	31.96	59.35	6.13	72.62	99.77	42.66	18.69	65.71	41.40	25.06	0.23	8.90	66.04	6.57

Average Frequency : 50.019	Frequency Variation Index : 0.0334	Standard Deviation : 0.0550	Mileage: 44.3	FDI: 27.4
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Instantaneous Frequency		
Max	50.237	16:02:30
Min	49.816	18:10:10

15 minute Average Frequency		
Max	50.148	16:15:00
Min	49.878	12:00:00

No. of excursions	
above 50.03 Hz	204
below 49.97 Hz	102
above 50.00 Hz	177
below 50.00 Hz	175

Average time freq per excursion remains	
below 49.97	0:02:15
above 50.03	0:02:55

No. of hours freq outside 49.9-50.05 Hz	6:34:20
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Source : BHADRAWATHI 10 Sec. (8640 samples)