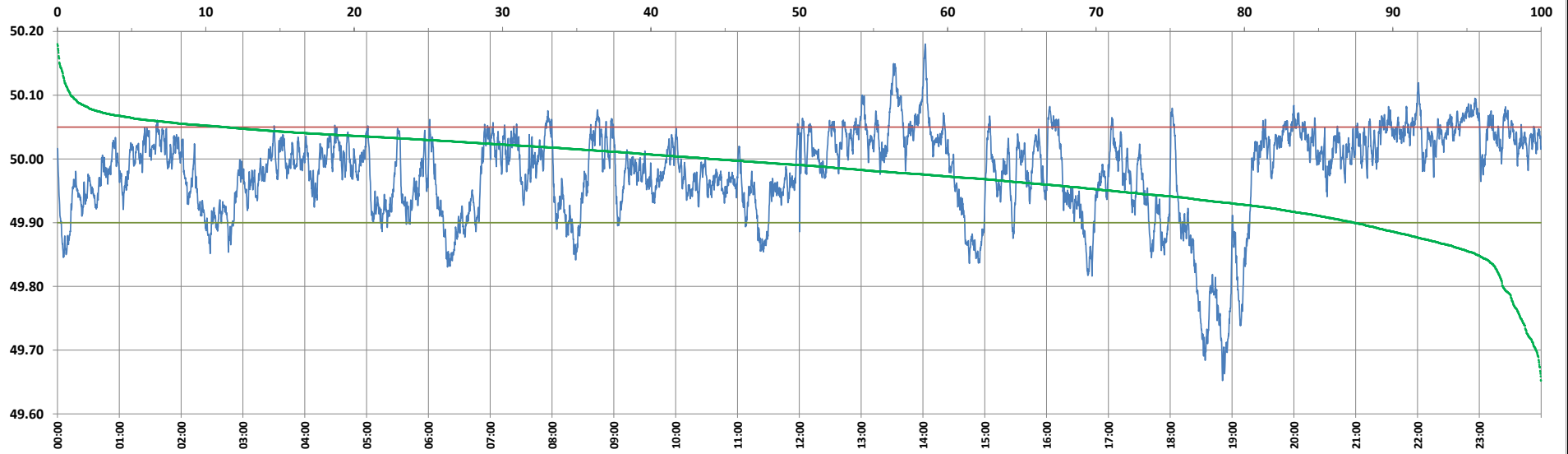


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Sep-2024 (Friday)



<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
0.34	12.63	38.50	2.26	10.03	43.34	43.11	0.91	76.11	99.66	36.74	10.35	44.03	24.77	11.26	0.00	28.92	59.81	16.30

Average Frequency : 49.978	Frequency Variation Index : 0.0542	Standard Deviation : 0.0704	Mileage: 43.0	FDI: 23.9
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Instantaneous Frequency	
Max	50.180 14:02:10
Min	49.652 18:50:40

15 minute Average Frequency	
Max	50.082 13:45:00
Min	49.731 19:00:00

No. of excursions	
above 50.03 Hz	158
below 49.97 Hz	118
above 50.00 Hz	139
below 50.00 Hz	138

Average time freq per excursion remains	
below 49.97	0:04:42
above 50.03	0:02:15

No. of hours freq outside 49.9-50.05 Hz	5:44:00
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Source : AGRA 10 Sec. (8640 samples)