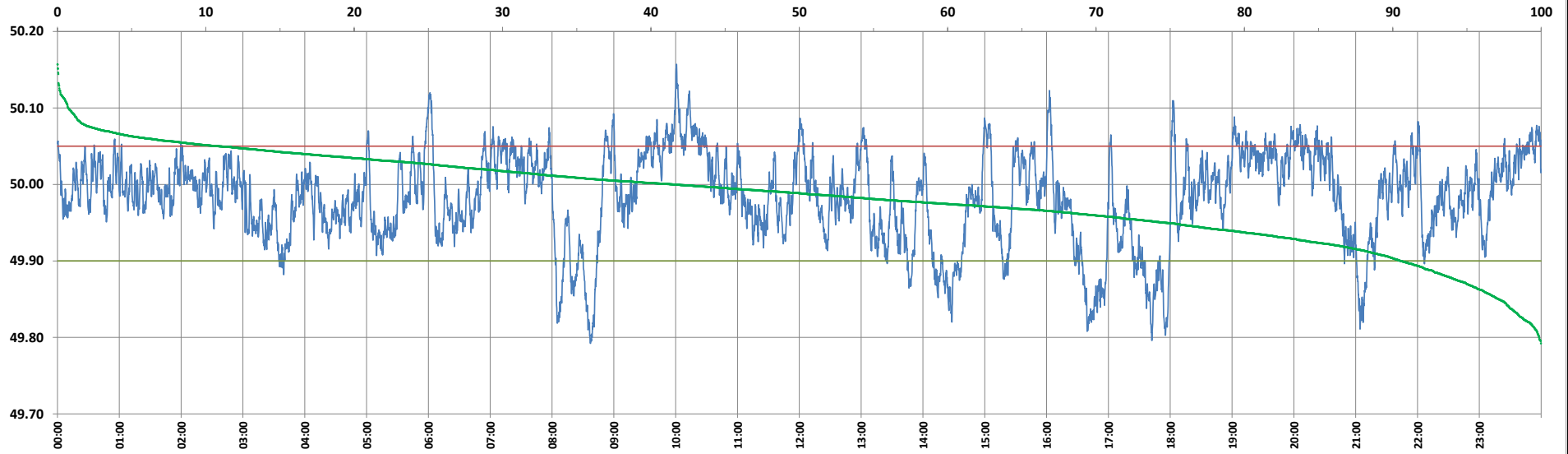


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Sep-2024 (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	9.44	36.45	0.14	9.31	49.02	40.81	0.73	79.68	100.00	40.57	10.15	41.54	22.99	10.88	0.00	25.37	63.75	15.93

Average Frequency : 49.983	Frequency Variation Index : 0.0369	Standard Deviation : 0.0583	Mileage: 46.2	FDI: 20.3
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Instantaneous Frequency	
Max	50.157 10:00:40
Min	49.792 8:37:10

15 minute Average Frequency	
Max	50.087 10:15:00
Min	49.846 8:45:00

No. of excursions	
above 50.03 Hz	146
below 49.97 Hz	165
above 50.00 Hz	181
below 50.00 Hz	180

Average time freq per excursion remains	
below 49.97	0:03:11
above 50.03	0:02:16

No. of hours freq outside 49.9-50.05 Hz	4:52:40
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Source : AGRA 10 Sec. (8640 samples)