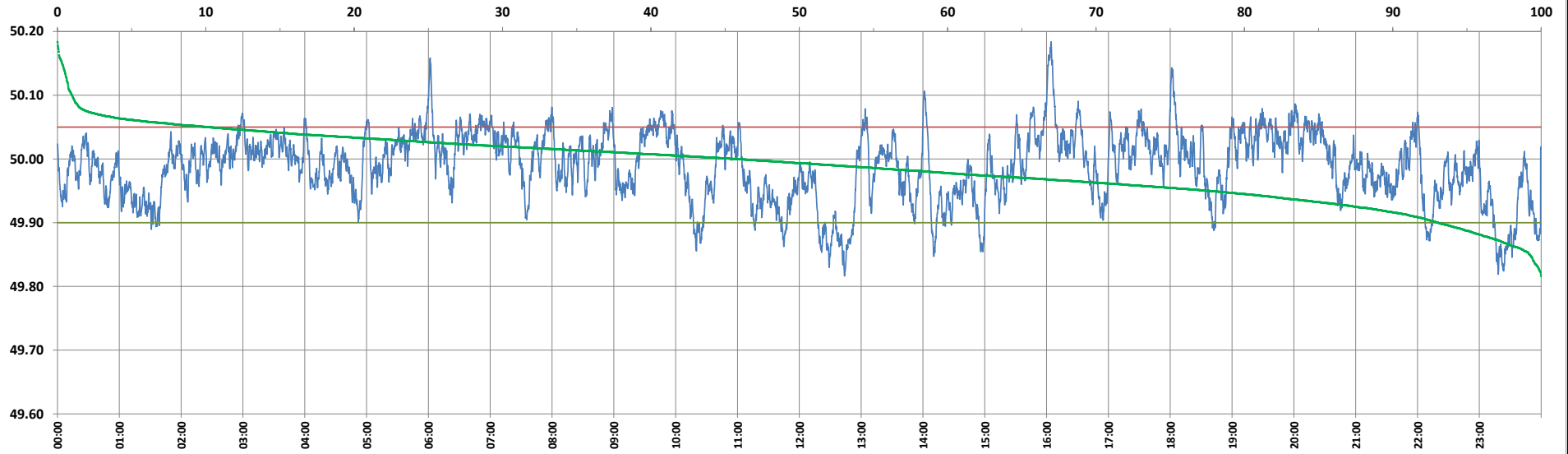


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-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	6.94	34.62	0.00	6.94	47.31	44.76	0.98	82.87	100.00	42.80	9.20	45.73	22.58	10.19	0.00	22.35	67.47	15.41

Average Frequency : 49.988	Frequency Variation Index : 0.0298	Standard Deviation : 0.0534	Mileage: 41.9	FDI: 17.1
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Instantaneous Frequency	
Max	50.184 16:04:20
Min	49.816 12:43:50

15 minute Average Frequency	
Max	50.088 16:15:00
Min	49.854 23:30:00

No. of excursions	
above 50.03 Hz	140
below 49.97 Hz	143
above 50.00 Hz	152
below 50.00 Hz	151

Average time freq per excursion remains	
below 49.97	0:03:29
above 50.03	0:02:19

No. of hours freq outside 49.9-50.05 Hz	4:06:40
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Source : AGRA 10 Sec. (8640 samples)