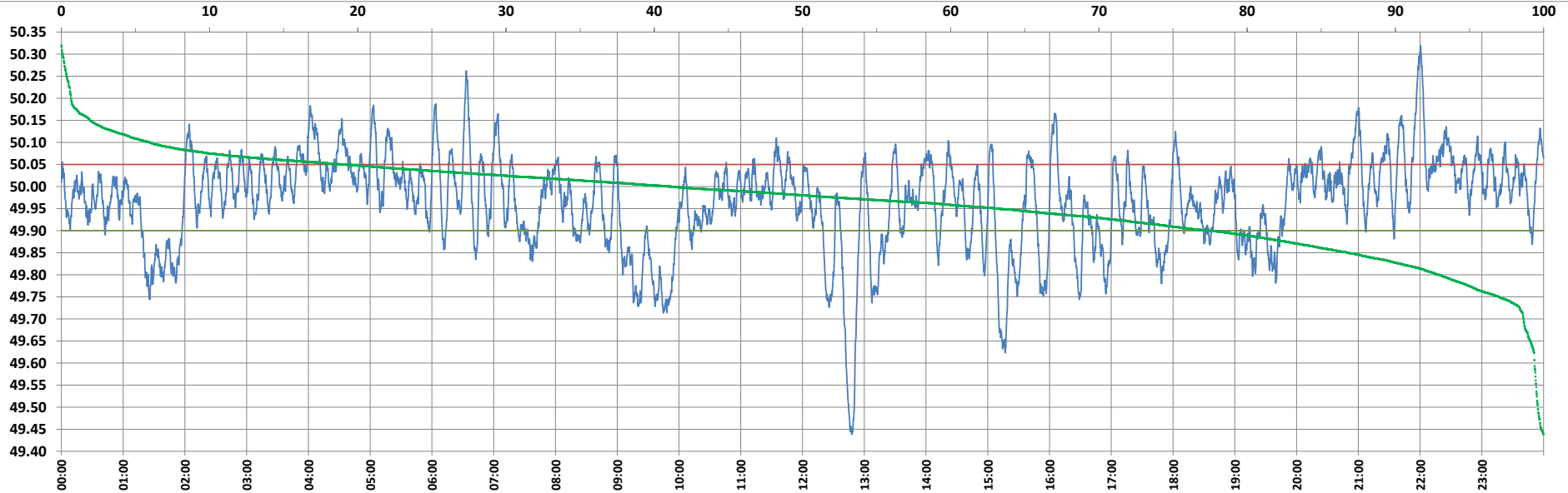


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Jan-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
1.35	22.59	45.32	5.71	15.53	36.32	35.12	5.32	58.48	98.00	27.18	12.95	41.09	27.50	18.92	0.65	36.83	44.25	14.24

Average Frequency : 49.966	Frequency Variation Index : 0.1216	Standard Deviation : 0.1050	Mileage: 51.7	FDI: 41.5
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Instantaneous Frequency	
Max	50.320 22:00:20
Min	49.438 12:47:50

15 minute Average Frequency	
Max	50.099 4:15:00
Min	49.723 13:00:00

No. of excursions	
above 50.03 Hz	116
below 49.97 Hz	111
above 50.00 Hz	127
below 50.00 Hz	126

Average time freq per excursion remains	
below 49.97	0:05:53
above 50.03	0:03:25

No. of hours freq outside 49.9-50.05 Hz	9:57:50
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Source : AGRA 10 Sec. (8640 samples)