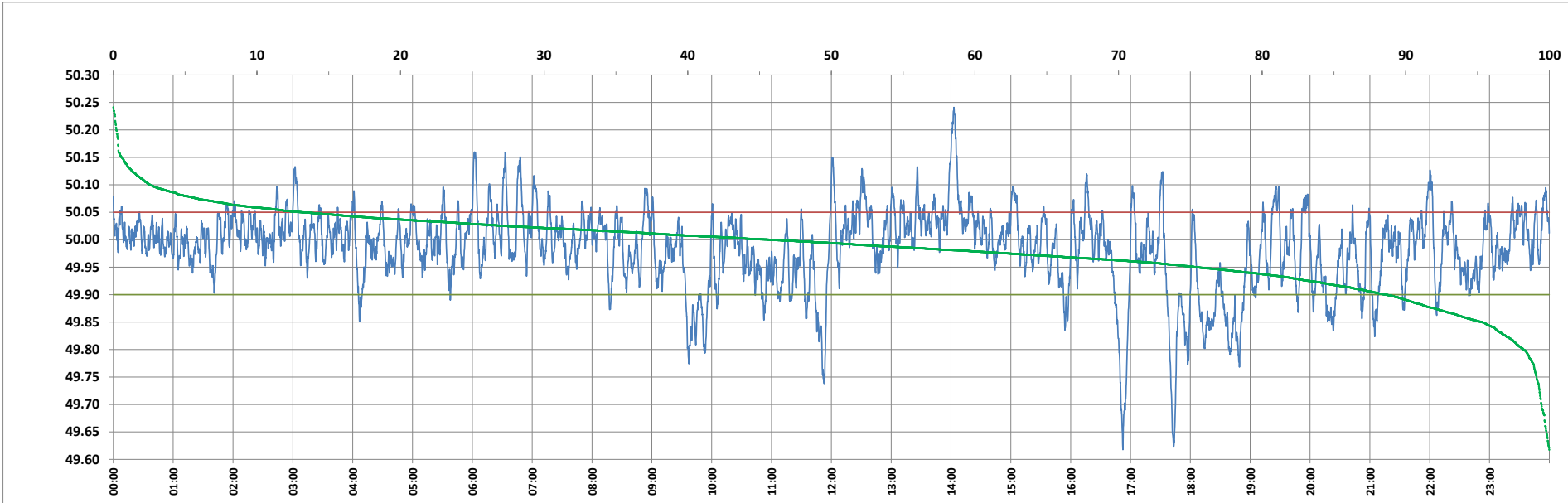


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Jan-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
0.54	11.40	34.55	1.25	9.61	42.85	43.19	2.35	75.37	99.25	41.17	10.67	45.75	24.28	13.23	0.21	24.59	62.18	13.19

Average Frequency : 49.984	Frequency Variation Index : 0.0542	Standard Deviation : 0.0719	Mileage: 51.5	FDI: 24.6
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Instantaneous Frequency		
Max	50.241	14:02:50
Min	49.618	16:52:20

15 minute Average Frequency		
Max	50.111	14:15:00
Min	49.782	17:00:00

No. of excursions	
above 50.03 Hz	164
below 49.97 Hz	141
above 50.00 Hz	195
below 50.00 Hz	194

Average time freq per excursion remains	
below 49.97	0:03:32
above 50.03	0:02:08

No. of hours freq outside 49.9-50.05 Hz	5:54:40
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Source : AGRA 10 Sec. (8640 samples)