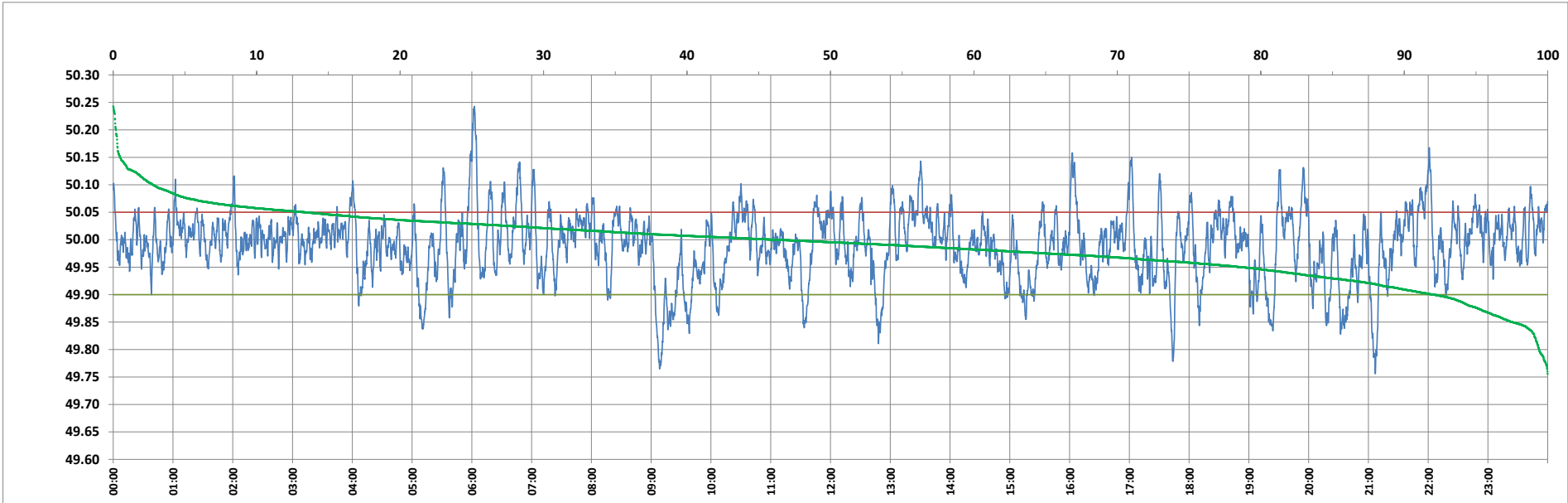


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Jan-2024 (Thursday)



<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	7.95	31.39	0.60	7.35	45.93	43.36	2.58	78.63	99.81	44.53	10.65	46.12	24.09	13.41	0.19	21.32	65.27	13.37

Average Frequency : 49.990	Frequency Variation Index : 0.0380	Standard Deviation : 0.0609	Mileage: 49.8	FDI: 21.4
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Instantaneous Frequency		
Max	50.243	6:02:30
Min	49.756	21:06:50

15 minute Average Frequency		
Max	50.053	16:15:00
Min	49.867	9:15:00

No. of excursions	
above 50.03 Hz	162
below 49.97 Hz	163
above 50.00 Hz	212
below 50.00 Hz	211

Average time freq per excursion remains	
below 49.97	0:02:46
above 50.03	0:02:08

No. of hours freq outside 49.9-50.05 Hz	5:07:40
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Source : AGRA 10 Sec. (8640 samples)