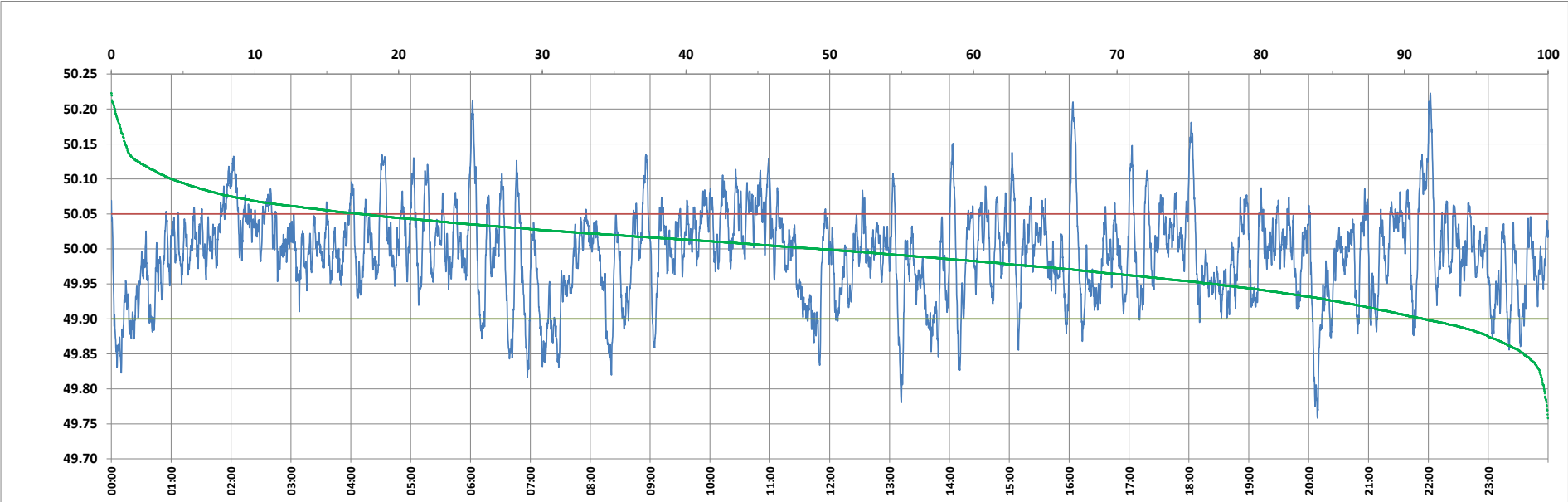


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Jan-2024 (Tuesday)



<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	8.65	32.87	0.28	8.37	42.11	45.05	3.96	74.04	99.76	38.68	13.11	49.25	28.45	17.31	0.24	23.34	59.34	14.70

Average Frequency : 49.994	Frequency Variation Index : 0.0419	Standard Deviation : 0.0646	Mileage: 53.7	FDI: 26.0
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Instantaneous Frequency		
Max	50.223	22:01:50
Min	49.758	20:08:50

15 minute Average Frequency		
Max	50.070	11:00:00
Min	49.882	7:30:00

No. of excursions	
above 50.03 Hz	174
below 49.97 Hz	131
above 50.00 Hz	196
below 50.00 Hz	195

Average time freq per excursion remains	
below 49.97	0:03:37
above 50.03	0:02:21

No. of hours freq outside 49.9-50.05 Hz	6:13:50
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Source : AGRA 10 Sec. (8640 samples)