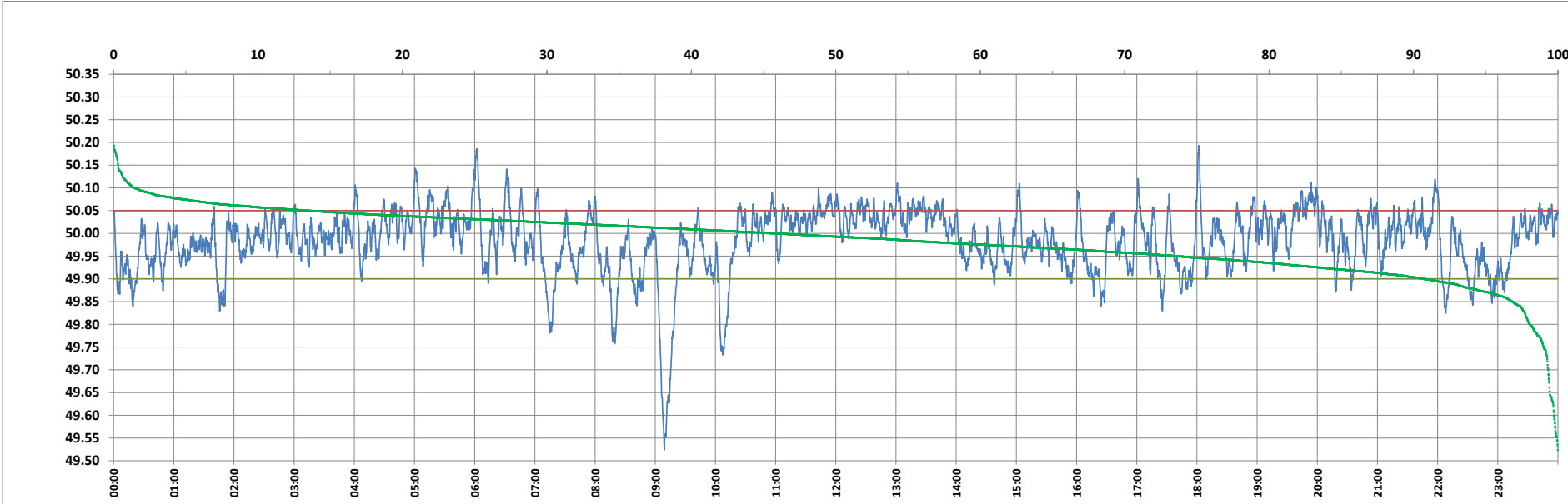


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Jan-2024 (Wednesday)



<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
0.67	9.32	36.72	1.27	7.37	44.86	44.39	1.44	77.22	99.33	37.33	12.03	45.82	25.95	13.46	0.00	26.39	60.15	17.07

Average Frequency : 49.984	Frequency Variation Index : 0.0518	Standard Deviation : 0.0702	Mileage: 49.7	FDI: 22.8
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Instantaneous Frequency		
Max	50.193	18:01:50
Min	49.524	9:09:00

15 minute Average Frequency			
Max	50.069	20:00:00	
Min	49.706	9:15:00	

No. of excursions	
above 50.03 Hz	181
below 49.97 Hz	141
above 50.00 Hz	162
below 50.00 Hz	161

Average time freq per excursion remains	
below 49.97	0:03:45
above 50.03	0:02:04

No. of hours freq outside 49.9-50.05 Hz	5:28:00
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Source : AGRA 10 Sec. (8640 samples)