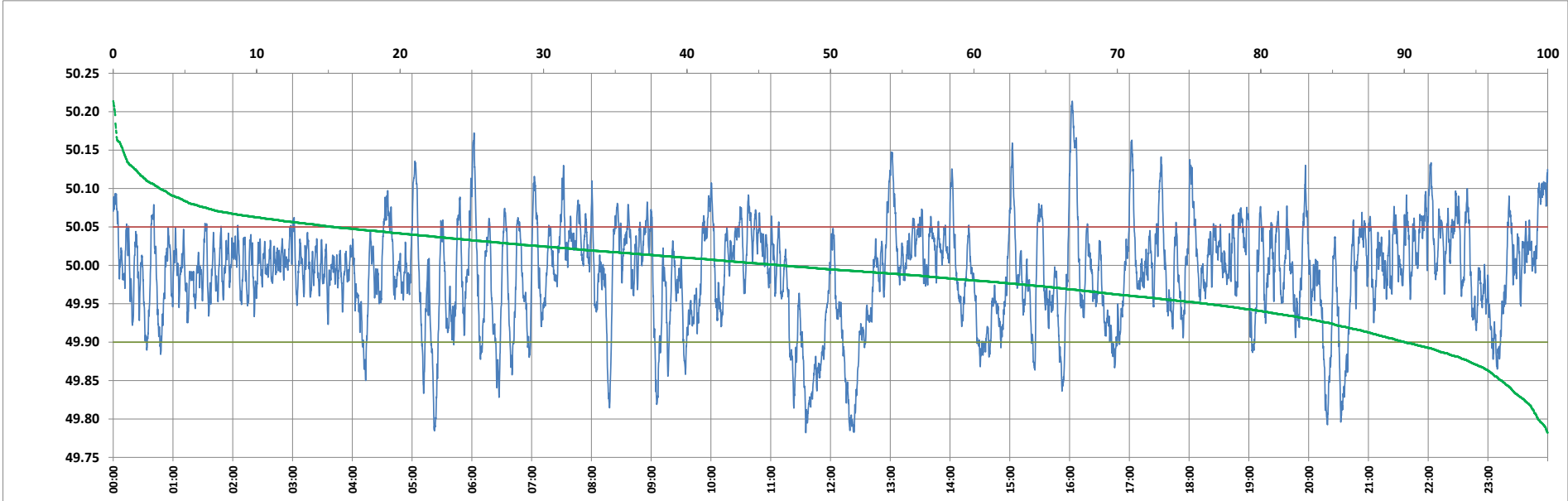


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Jan-2024 (Friday)



<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	9.97	33.83	0.67	9.29	43.50	43.29	3.14	74.66	99.88	39.57	12.12	46.54	26.60	15.37	0.12	23.78	60.84	13.82

Average Frequency : 49.989	Frequency Variation Index : 0.0432	Standard Deviation : 0.0651	Mileage: 51.1	FDI: 25.3
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Instantaneous Frequency		
Max	50.214	16:02:40
Min	49.782	11:35:10

15 minute Average Frequency			
Max	50.075	16:15:00	
Min	49.828	12:30:00	

No. of excursions	
above 50.03 Hz	160
below 49.97 Hz	134
above 50.00 Hz	186
below 50.00 Hz	185

Average time freq per excursion remains	
below 49.97	0:03:38
above 50.03	0:02:24

No. of hours freq outside 49.9-50.05 Hz	6:04:50
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Source : BALIPARA 10 Sec. (8640 samples)