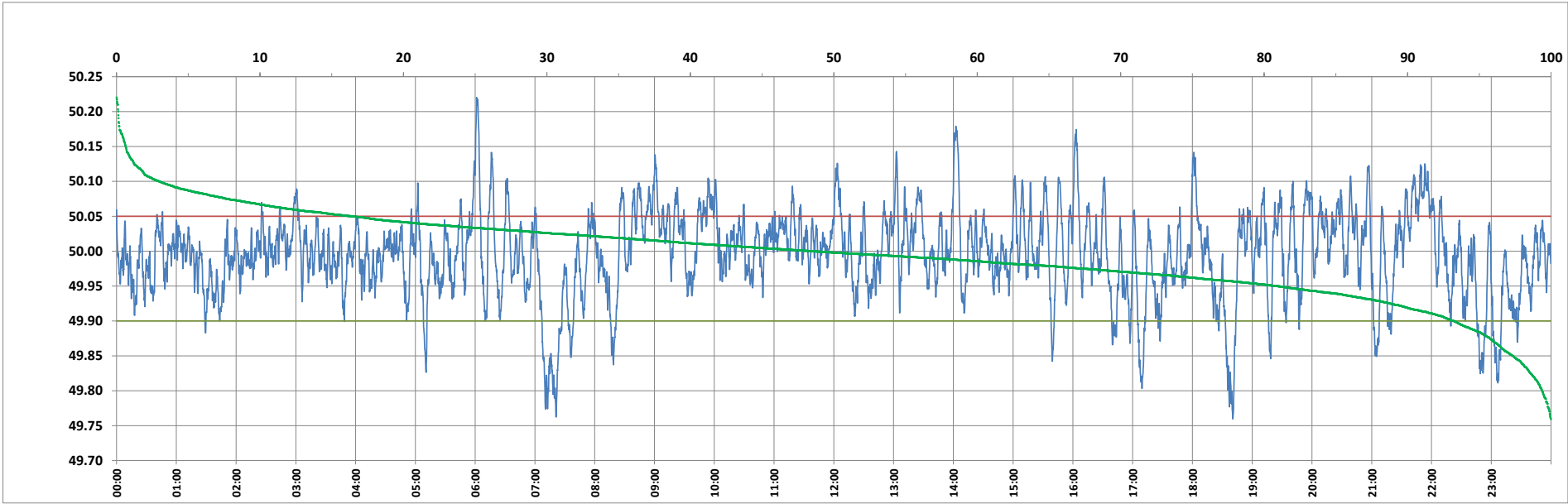


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Dec-2023 (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	6.78	29.50	0.61	6.17	44.76	45.49	2.85	76.77	99.87	43.10	13.47	48.46	27.40	16.45	0.13	19.11	64.44	12.33

Average Frequency : 49.995	Frequency Variation Index : 0.0380	Standard Deviation : 0.0615	Mileage: 51.7	FDI: 23.2
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Instantaneous Frequency		
Max	50.220	6:01:20
Min	49.760	18:40:30

15 minute Average Frequency			
Max	50.083	22:00:00	
Min	49.854	18:45:00	

No. of excursions	
above 50.03 Hz	165
below 49.97 Hz	166
above 50.00 Hz	201
below 50.00 Hz	200

Average time freq per excursion remains	
below 49.97	0:02:34
above 50.03	0:02:23

No. of hours freq outside 49.9-50.05 Hz	5:34:30
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Source : BHADRAWATHI 10 Sec. (8640 samples)