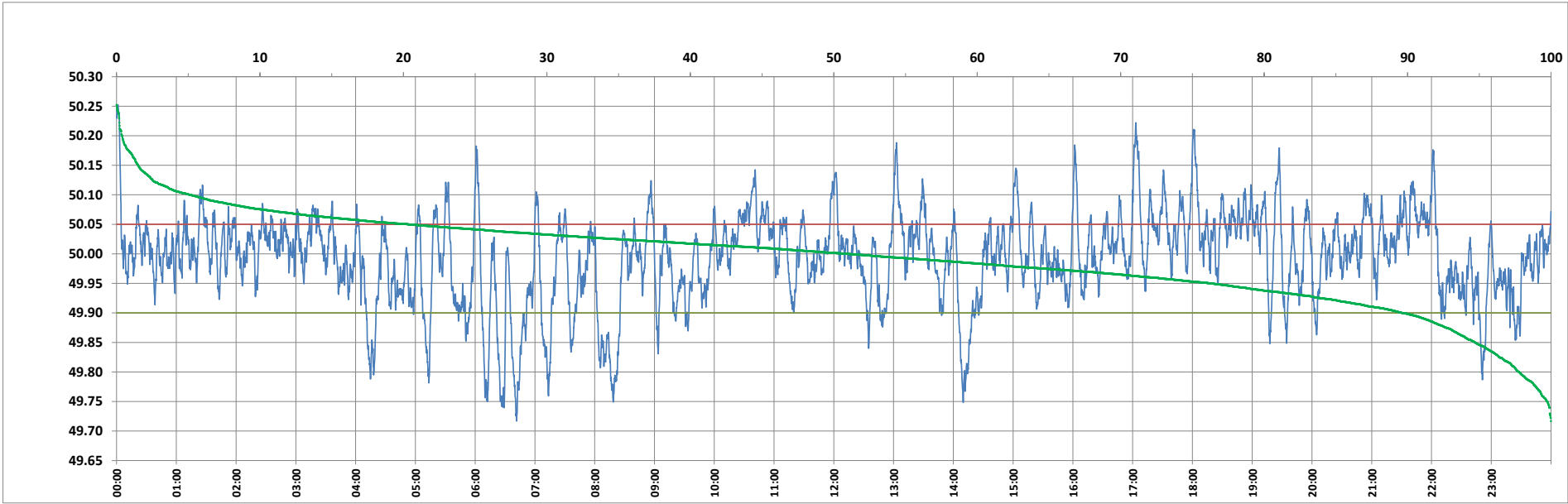


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Dec-2023 (Monday)



<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	10.39	32.53	2.21	8.18	38.60	45.87	4.76	69.25	99.62	35.81	15.22	51.01	31.66	20.36	0.38	23.70	55.94	13.31

Average Frequency : 49.993	Frequency Variation Index : 0.0577	Standard Deviation : 0.0758	Mileage: 52.7	FDI: 30.8
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Instantaneous Frequency		
Max	50.252	0:01:20
Min	49.717	6:41:30

15 minute Average Frequency			
Max	50.083	18:15:00	
Min	49.855	6:45:00	

No. of excursions	
above 50.03 Hz	159
below 49.97 Hz	143
above 50.00 Hz	163
below 50.00 Hz	162

Average time freq per excursion remains	
below 49.97	0:03:17
above 50.03	0:02:52

No. of hours freq outside 49.9-50.05 Hz	7:22:50
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Source : AGRA 10 Sec. (8640 samples)