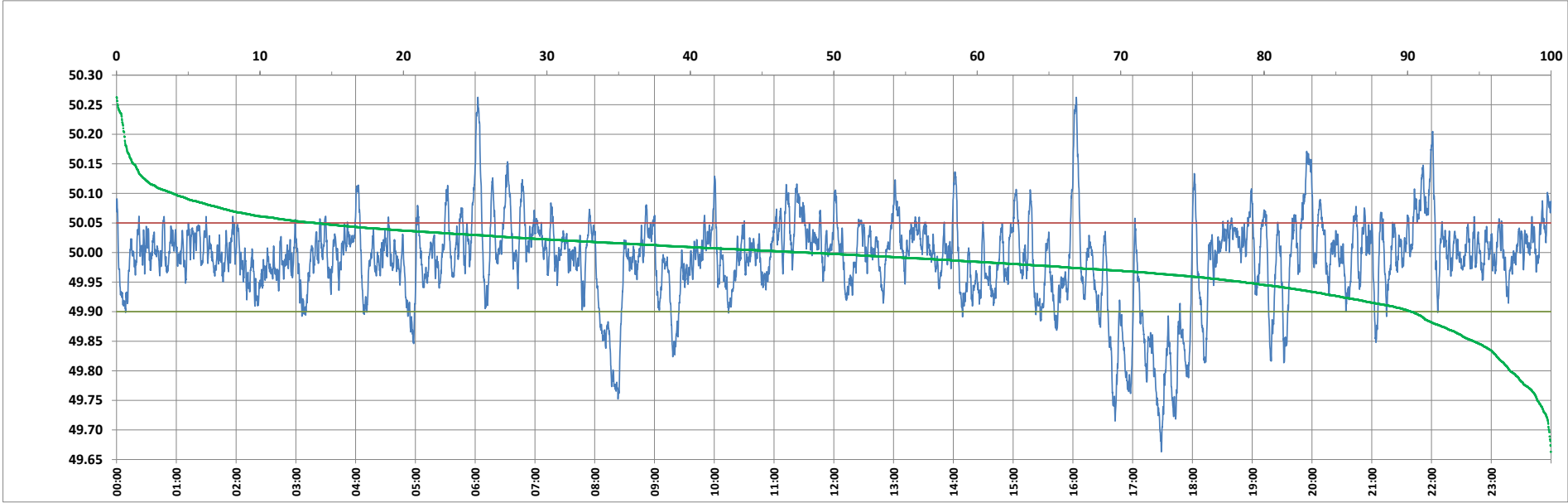


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Dec-2023 (Thursday)



<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
0.15	9.76	30.59	2.71	6.90	42.18	44.16	3.37	76.39	99.31	44.54	9.94	48.07	24.87	13.85	0.54	21.47	64.68	11.71

Average Frequency : 49.988	Frequency Variation Index : 0.0548	Standard Deviation : 0.0733	Mileage: 50.8	FDI: 23.6
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Instantaneous Frequency		
Max	50.263	6:02:40
Min	49.662	17:28:50

15 minute Average Frequency		
Max	50.097	22:00:00
Min	49.781	17:30:00

No. of excursions	
above 50.03 Hz	162
below 49.97 Hz	143
above 50.00 Hz	209
below 50.00 Hz	208

Average time freq per excursion remains	
below 49.97	0:03:05
above 50.03	0:02:13

No. of hours freq outside 49.9-50.05 Hz	5:40:00
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Source : AGRA 10 Sec. (8640 samples)