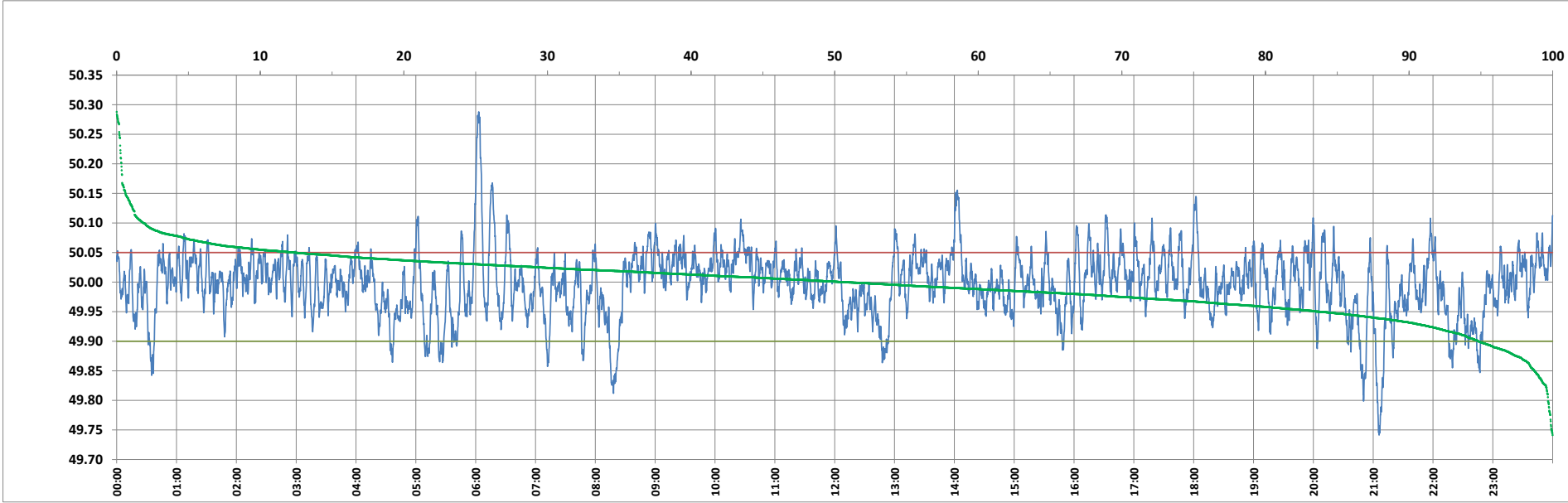


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Dec-2023 (Saturday)



<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	5.17	26.61	0.32	4.85	44.18	48.77	1.54	82.48	99.66	48.07	10.47	50.65	25.32	12.35	0.34	16.24	71.41	11.06

Average Frequency : 49.997	Frequency Variation Index : 0.0300	Standard Deviation : 0.0547	Mileage: 51.2	FDI: 17.5
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Instantaneous Frequency		
Max	50.288	6:03:00
Min	49.741	21:05:50

15 minute Average Frequency		
Max	50.103	6:15:00
Min	49.872	21:15:00

No. of excursions	
above 50.03 Hz	204
below 49.97 Hz	156
above 50.00 Hz	215
below 50.00 Hz	214

Average time freq per excursion remains	
below 49.97	0:02:27
above 50.03	0:01:47

No. of hours freq outside 49.9-50.05 Hz	4:12:20
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Source : AGRA 10 Sec. (8640 samples)