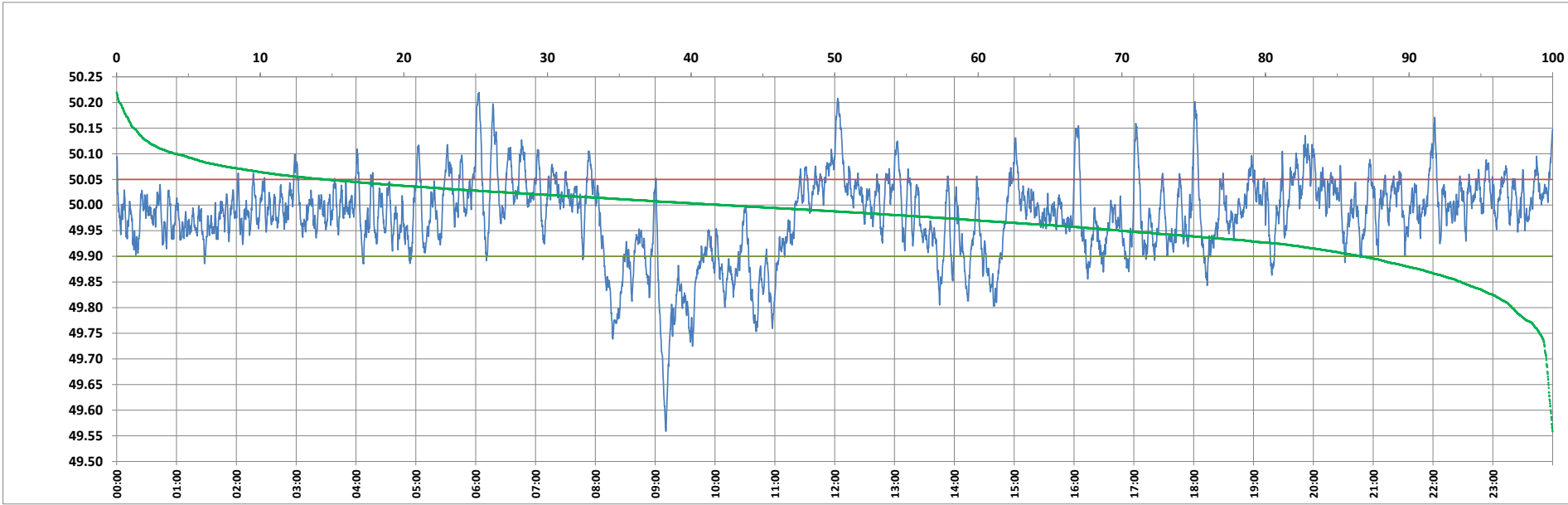


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-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
0.44	13.28	40.02	2.40	10.44	44.51	38.10	3.92	72.16	99.38	36.04	10.45	42.21	23.94	14.56	0.19	30.07	55.37	16.79

Average Frequency : 49.979	Frequency Variation Index : 0.0661	Standard Deviation : 0.0787	Mileage: 50.4	FDI: 27.8
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Instantaneous Frequency		
Max	50.220	6:03:10
Min	49.559	9:10:40

15 minute Average Frequency		
Max	50.107	12:15:00
Min	49.748	9:15:00

No. of excursions	
above 50.03 Hz	139
below 49.97 Hz	133
above 50.00 Hz	165
below 50.00 Hz	164

Average time freq per excursion remains	
below 49.97	0:04:20
above 50.03	0:02:29

No. of hours freq outside 49.9-50.05 Hz	6:40:50
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Source : AGRA 10 Sec. (8640 samples)