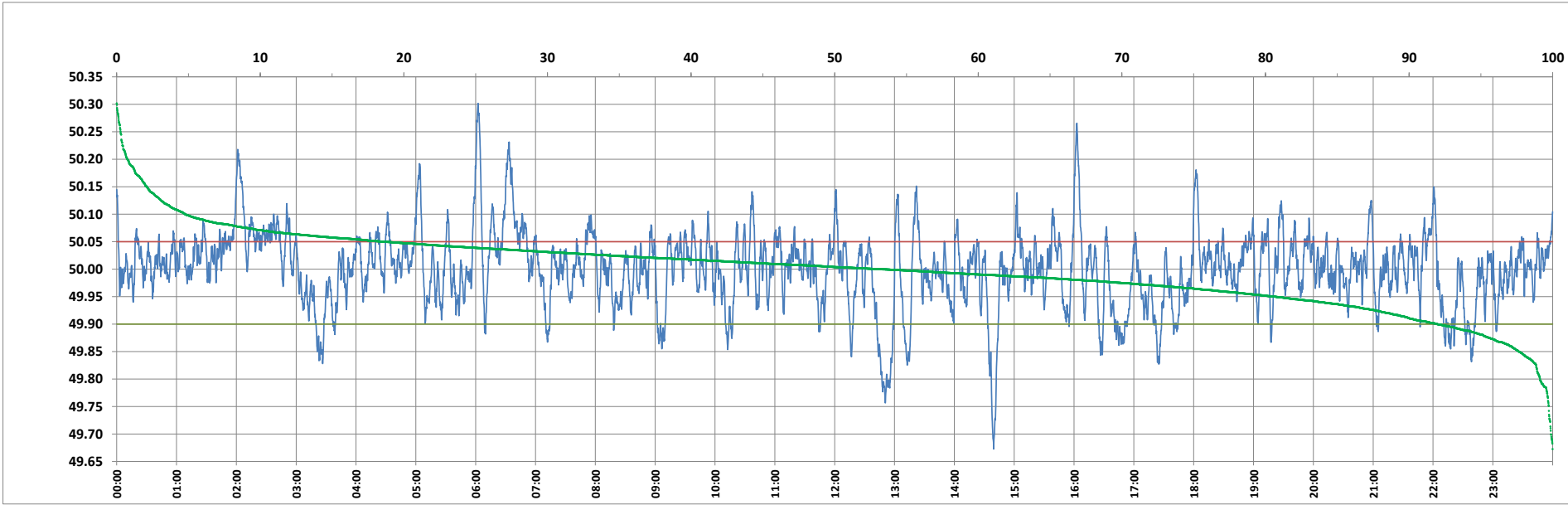


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Dec-2023 (Wednesday)



<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
0.13	8.04	27.45	0.75	7.16	38.78	48.40	4.02	73.29	99.12	41.67	13.90	53.17	30.88	18.67	0.75	19.35	61.98	11.31

Average Frequency : 50.000	Frequency Variation Index : 0.0467	Standard Deviation : 0.0687	Mileage: 53.4	FDI: 26.7
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Instantaneous Frequency		
Max	50.302	6:02:20
Min	49.673	14:39:20

15 minute Average Frequency		
Max	50.130	6:45:00
Min	49.817	13:00:00

No. of excursions	
above 50.03 Hz	181
below 49.97 Hz	135
above 50.00 Hz	220
below 50.00 Hz	219

Average time freq per excursion remains	
below 49.97	0:02:56
above 50.03	0:02:27

No. of hours freq outside 49.9-50.05 Hz	6:24:40
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Source : AGRA 10 Sec. (8640 samples)