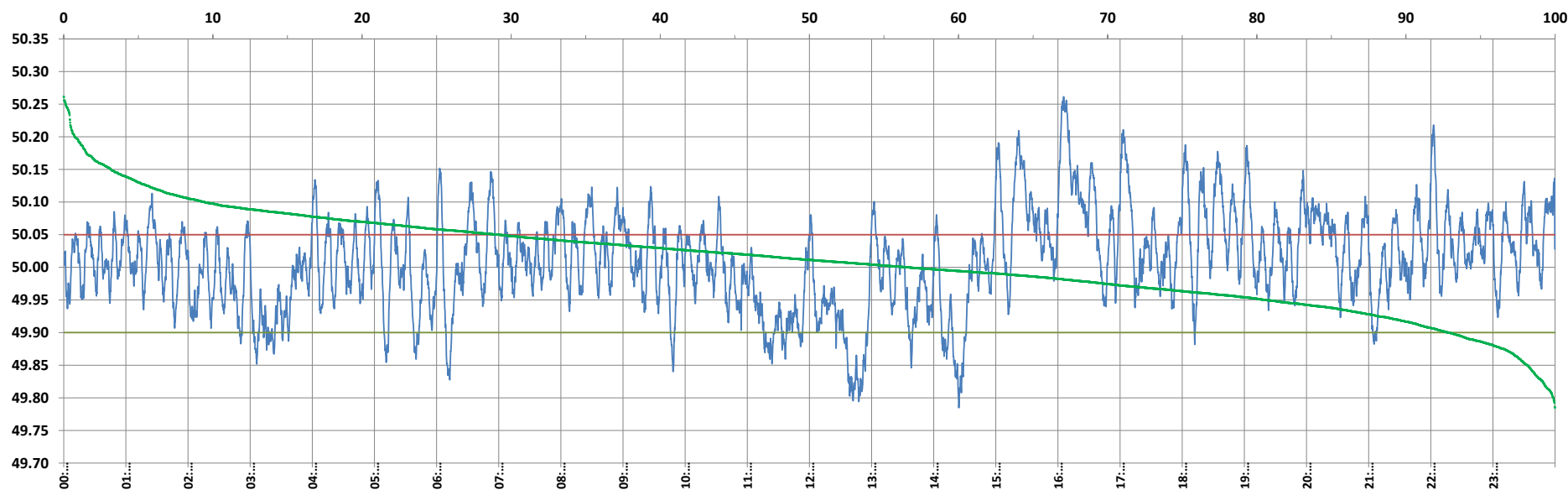


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Apr-2023 (Friday)



<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	7.14	28.03	0.12	7.03	36.30	47.14	8.69	63.66	99.27	32.23	19.78	56.56	39.73	29.20	0.73	19.43	51.37	12.29

Average Frequency : 50.011	Frequency Variation Index : 0.0546	Standard Deviation : 0.0733	Mileage: 47.7	FDI: 36.3
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Instantaneous Frequency		
Max	50.262	16:05:20
Min	49.785	14:24:10

15 minute Average Frequency		
Max	50.193	16:15:00
Min	49.856	12:45:00

No. of excursions	
above 50.03 Hz	129
below 49.97 Hz	107
above 50.00 Hz	156
below 50.00 Hz	155

Average time freq per excursion remains	
below 49.97	0:03:46
above 50.03	0:04:26

No. of hours freq outside 49.9-50.05 Hz	8:43:20
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Source : BALIPARA 10 Sec. (8640 samples)