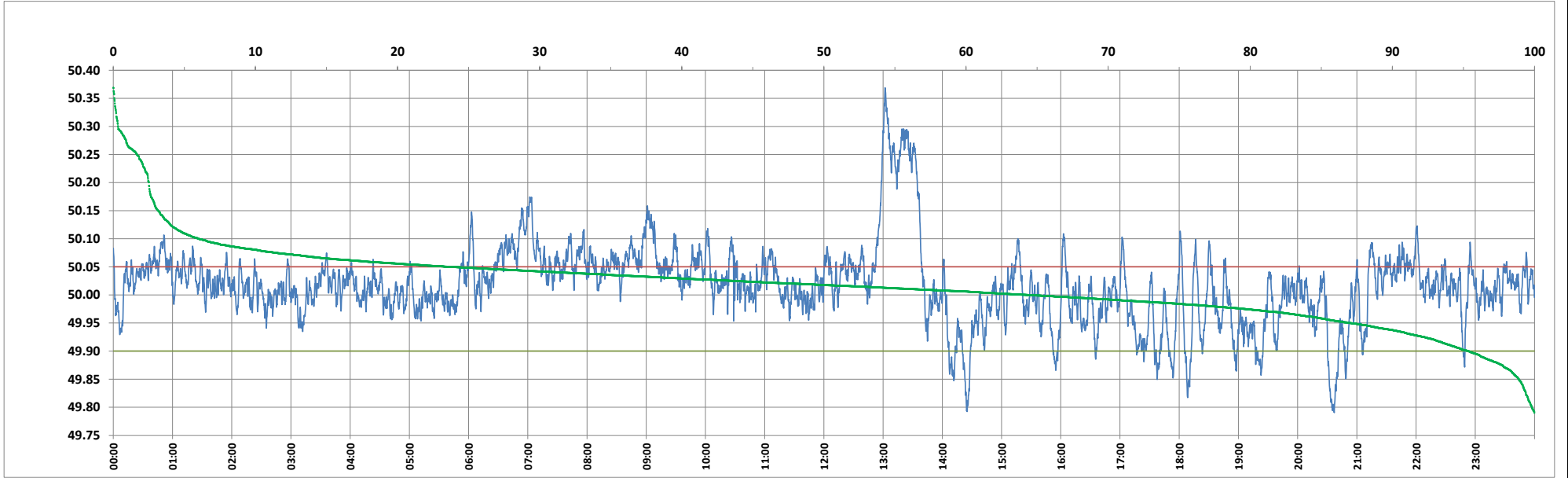


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Apr-2024 (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	4.66	18.38	0.19	4.48	31.01	58.32	3.50	71.64	97.49	42.12	17.71	64.33	39.50	23.69	2.51	12.99	63.32	8.32

Average Frequency : 50.017	Frequency Variation Index : 0.0500	Standard Deviation : 0.0689	Mileage: 46.1	FDI: 28.4
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Instantaneous Frequency	
Max	50.369 13:01:50
Min	49.790 20:37:00

15 minute Average Frequency	
Max	50.275 13:15:00
Min	49.860 20:45:00

No. of excursions	
above 50.03 Hz	194
below 49.97 Hz	92
above 50.00 Hz	172
below 50.00 Hz	171

Average time freq per excursion remains	
below 49.97	0:02:53
above 50.03	0:02:56

No. of hours freq outside 49.9-50.05 Hz	6:48:20
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Source : BHADRAWATHI 10 Sec. (8640 samples)