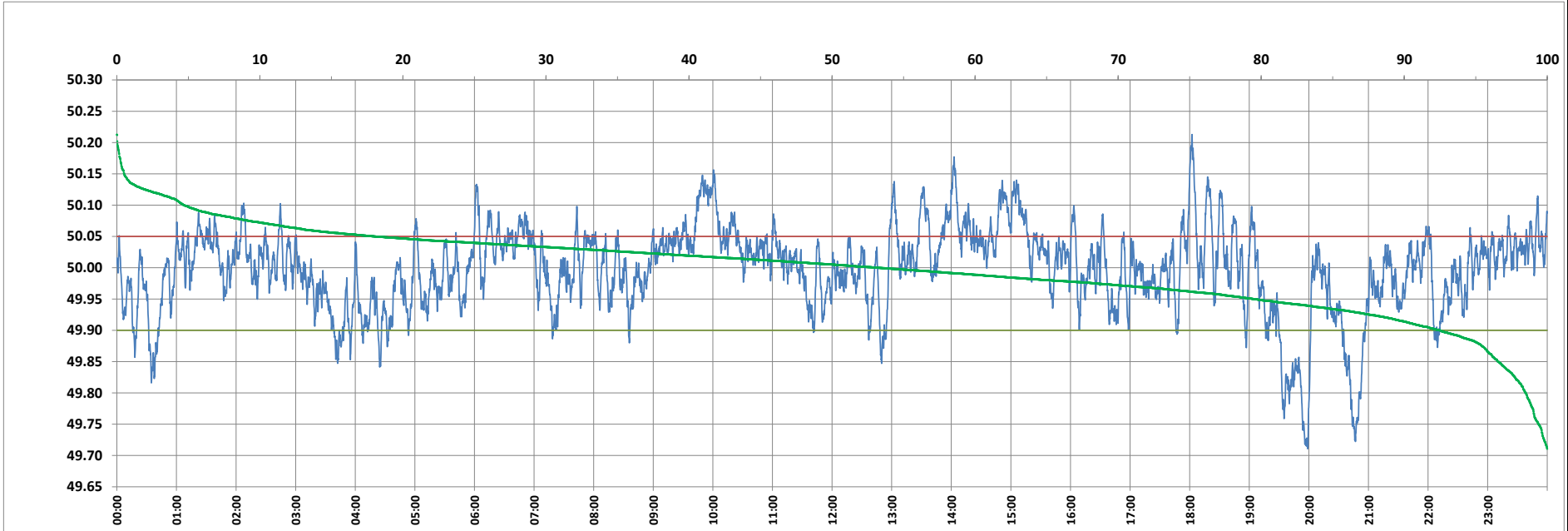


GRID CONTROLLER OF INDIA LIMITED
 NATIONAL LOAD DESPATCH CENTRE, NEW DELHI
 Frequency profile for 12-Jul-2023 (Wednesday)



<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
0.00	7.51	28.91	1.52	6.00	39.31	48.50	4.65	74.46	99.97	38.78	13.34	53.18	32.30	18.03	0.03	20.51	61.46	13.00

Average Frequency : 49.997	Frequency Variation Index : 0.0464	Standard Deviation : 0.0681	Mileage: 46.2	FDI: 25.5
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Instantaneous Frequency		
Max	50.213	18:02:20
Min	49.711	19:58:40

15 minute Average Frequency		
Max	50.123	10:00:00
Min	49.787	20:00:00

No. of excursions	
above 50.03 Hz	160
below 49.97 Hz	131
above 50.00 Hz	162
below 50.00 Hz	161

Average time freq per excursion remains	
below 49.97	0:03:11
above 50.03	0:02:54

No. of hours freq outside 49.9-50.05 Hz	6:07:50
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Source : BARH 10 Sec. (8640 samples)