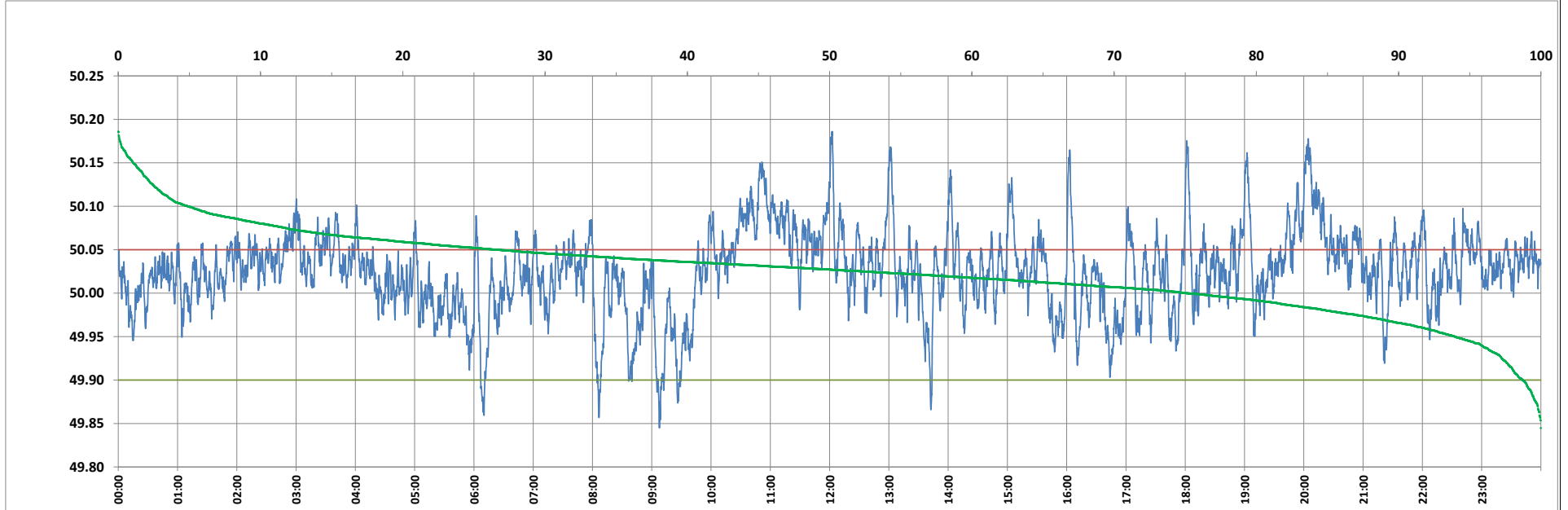


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Aug-2023 (Thursday)



<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	1.26	11.25	0.00	1.26	23.62	70.23	4.88	72.05	100.00	41.77	21.81	75.12	46.98	26.69	0.00	6.04	67.27	4.78

Average Frequency : 50.025	Frequency Variation Index : 0.0284	Standard Deviation : 0.0471	Mileage: 42.6	FDI: 28.0
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Instantaneous Frequency		
Max	50.186	12:02:40
Min	49.845	9:07:40

15 minute Average Frequency		
Max	50.132	20:15:00
Min	49.926	9:15:00

No. of excursions	
above 50.03 Hz	233
below 49.97 Hz	79
above 50.00 Hz	142
below 50.00 Hz	141

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

No. of hours freq outside 49.9-50.05 Hz	6:42:30
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Source : BHADRAWATHI 10 Sec. (8640 samples)