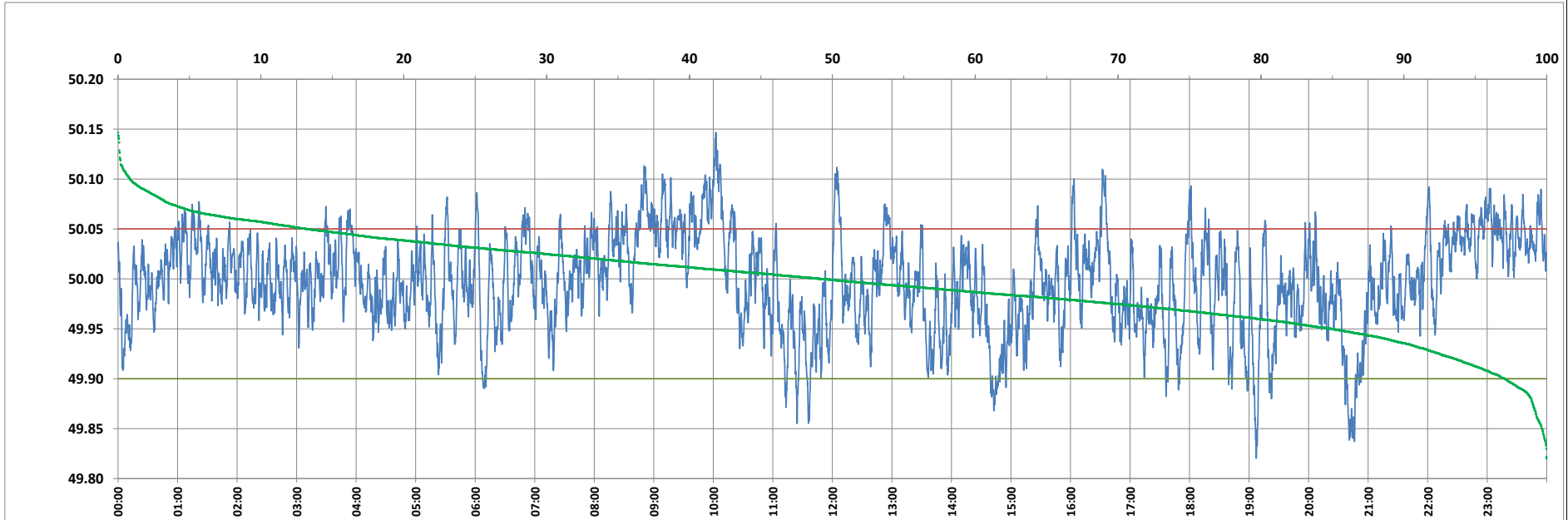


GRID CONTROLLER OF INDIA LIMITED
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Jul-2023 (Sunday)



<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	2.95	26.50	0.00	2.95	47.80	48.40	0.84	83.83	100.00	47.52	12.37	49.25	25.97	13.22	0.00	15.06	71.72	12.11

Average Frequency : 49.997	Frequency Variation Index : 0.0227	Standard Deviation : 0.0476	Mileage: 46.7	FDI: 16.2
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Instantaneous Frequency		
Max	50.147	10:02:30
Min	49.820	19:07:10

15 minute Average Frequency		
Max	50.074	10:00:00
Min	49.907	20:45:00

No. of excursions	
above 50.03 Hz	168
below 49.97 Hz	172
above 50.00 Hz	190
below 50.00 Hz	189

Average time freq per excursion remains	
below 49.97	0:02:13
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	3:52:50
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Source : AGRA 10 Sec. (8640 samples)