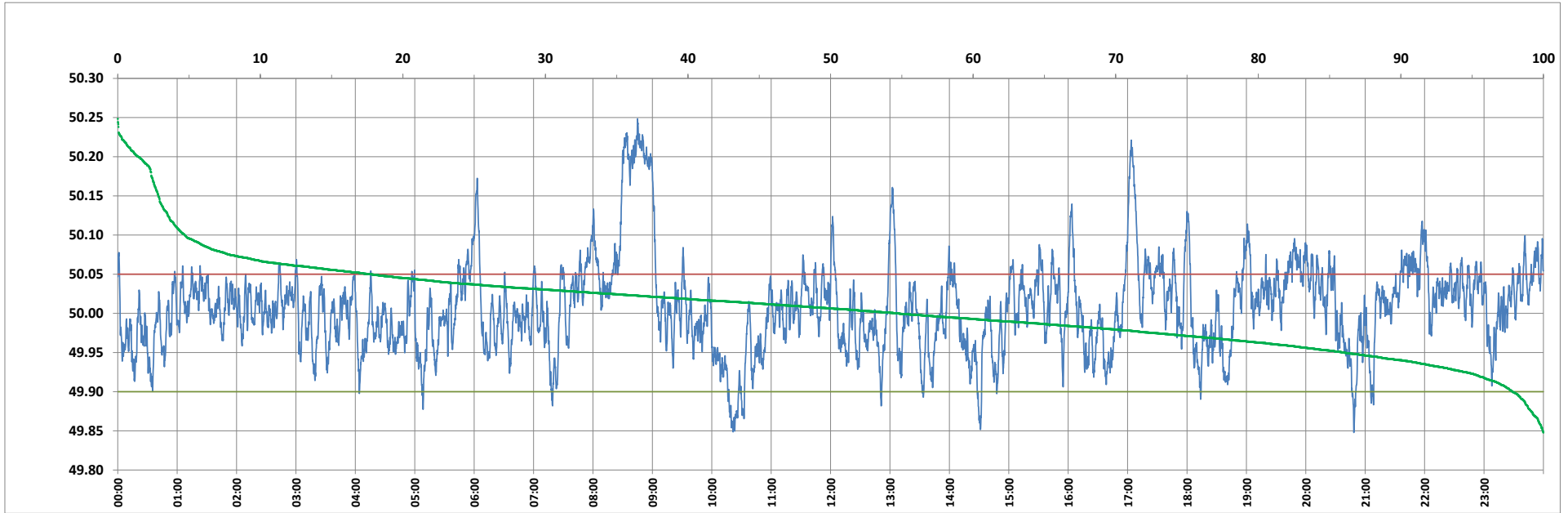


GRID CONTROLLER OF INDIA LIMITED
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Sep-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	2.18	24.22	0.00	2.18	43.17	49.97	3.25	80.08	98.56	45.47	13.06	54.65	30.30	17.74	1.44	14.05	68.21	11.88

Average Frequency : 50.007	Frequency Variation Index : 0.0338	Standard Deviation : 0.0577	Mileage: 42.9	FDI: 19.9
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Instantaneous Frequency		
Max	50.248	8:45:00
Min	49.848	20:48:30

15 minute Average Frequency			
Max	50.206	8:45:00	
Min	49.882	10:30:00	

No. of excursions	
above 50.03 Hz	174
below 49.97 Hz	133
above 50.00 Hz	166
below 50.00 Hz	165

Average time freq per excursion remains	
below 49.97	0:02:37
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	4:46:50
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Source : AGRA 10 Sec. (8640 samples)