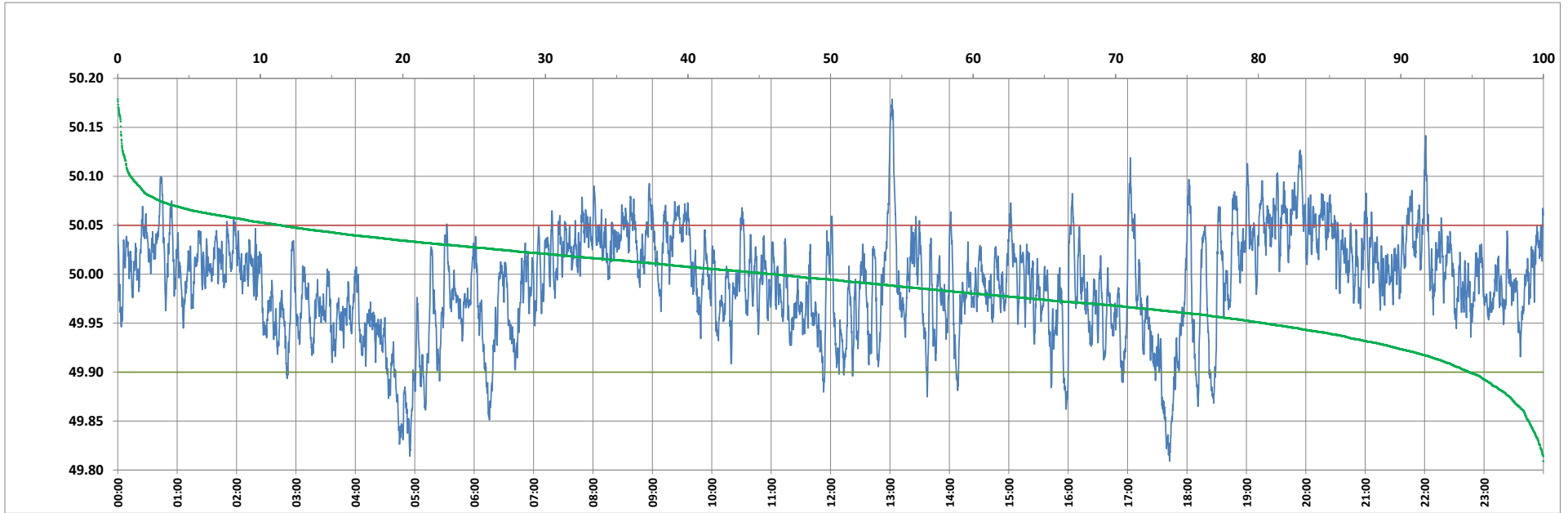


GRID CONTROLLER OF INDIA LIMITED  
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Sep-2023 (Saturday)



<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	5.22	31.72	0.00	5.22	48.82	45.06	0.90	83.33	100.00	45.12	10.54	45.95	23.16	11.45	0.00	19.68	68.88	14.46

Average Frequency : 49.991	Frequency Variation Index : 0.0275	Standard Deviation : 0.0517	Mileage: 44.4	FDI: 16.7
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Instantaneous Frequency		
Max	50.179	13:02:00
Min	49.809	17:42:20

15 minute Average Frequency		
Max	50.080	20:00:00
Min	49.857	5:00:00

No. of excursions	
above 50.03 Hz	155
below 49.97 Hz	167
above 50.00 Hz	182
below 50.00 Hz	180

Average time freq per excursion remains	
below 49.97	0:02:44
above 50.03	0:02:09

No. of hours freq outside 49.9-50.05 Hz	4:00:00
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Source : AGRA 10 Sec. (8640 samples)