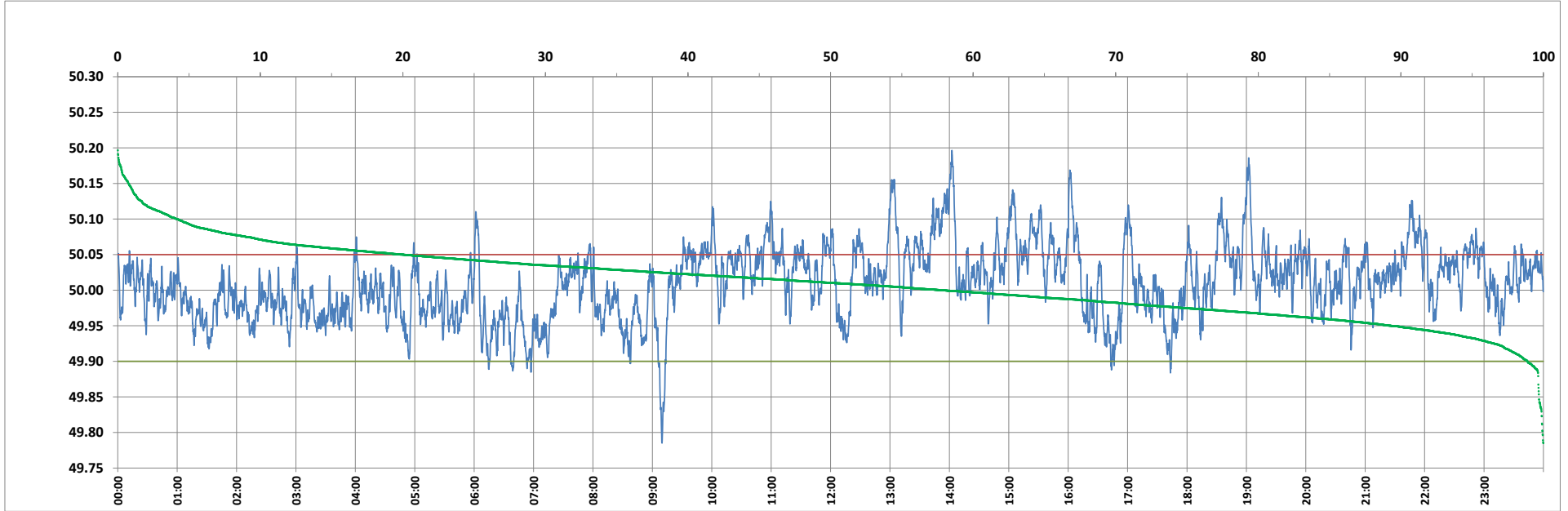


GRID CONTROLLER OF INDIA LIMITED
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Sep-2023 (Tuesday)



<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	1.12	21.76	0.06	1.06	40.98	53.77	4.12	78.88	100.00	44.26	15.88	57.89	33.98	20.00	0.00	10.69	69.31	9.57

Average Frequency : 50.010	Frequency Variation Index : 0.0259	Standard Deviation : 0.0501	Mileage: 42.6	FDI: 21.1
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Instantaneous Frequency		
Max	50.196	14:02:30
Min	49.785	9:09:40

15 minute Average Frequency		
Max	50.109	14:00:00
Min	49.905	9:15:00

No. of excursions	
above 50.03 Hz	169
below 49.97 Hz	146
above 50.00 Hz	169
below 50.00 Hz	168

Average time freq per excursion remains	
below 49.97	0:02:09
above 50.03	0:02:54

No. of hours freq outside 49.9-50.05 Hz	5:04:10
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Source : BARH 10 Sec. (8640 samples)