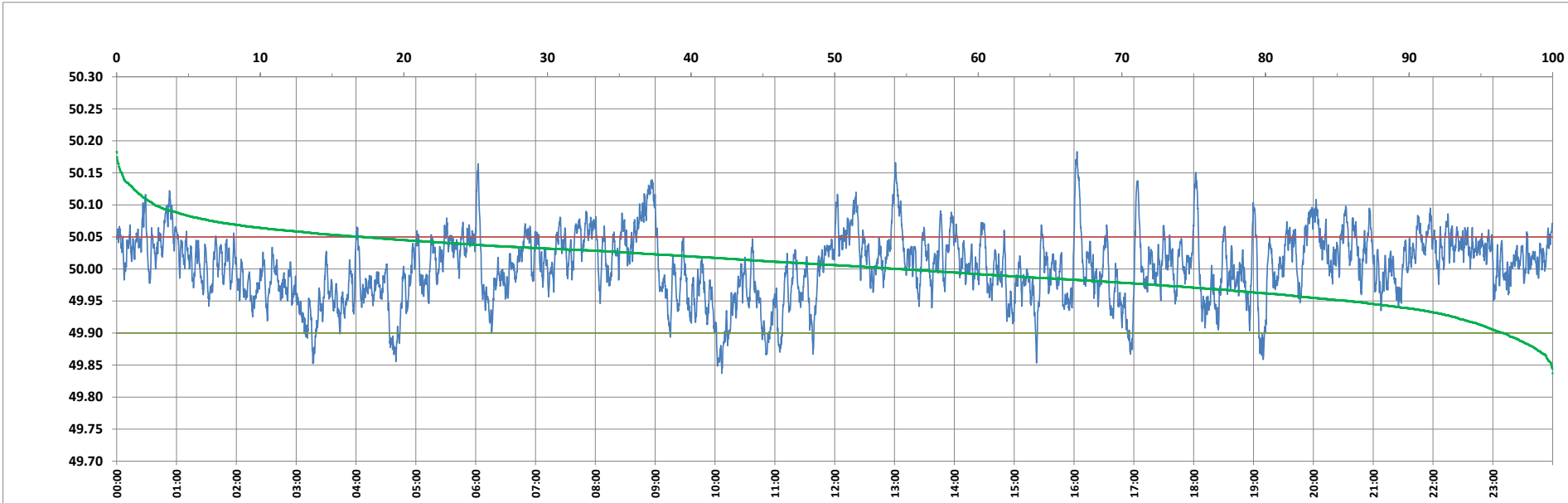


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Sep-2023 (Wednesday)



<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	3.45	24.42	0.00	3.45	42.06	51.83	2.66	79.41	100.00	43.70	14.48	54.49	31.88	17.14	0.00	14.18	68.68	10.73

Average Frequency : 50.004	Frequency Variation Index : 0.0266	Standard Deviation : 0.0516	Mileage: 45.6	FDI: 20.6
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Instantaneous Frequency		
Max	50.183	16:03:00
Min	49.837	10:06:50

15 minute Average Frequency			
Max	50.107	9:00:00	
Min	49.884	10:15:00	

No. of excursions	
above 50.03 Hz	189
below 49.97 Hz	135
above 50.00 Hz	176
below 50.00 Hz	175

Average time freq per excursion remains	
below 49.97	0:02:36
above 50.03	0:02:26

No. of hours freq outside 49.9-50.05 Hz	4:56:30
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Source : AGRA 10 Sec. (8640 samples)