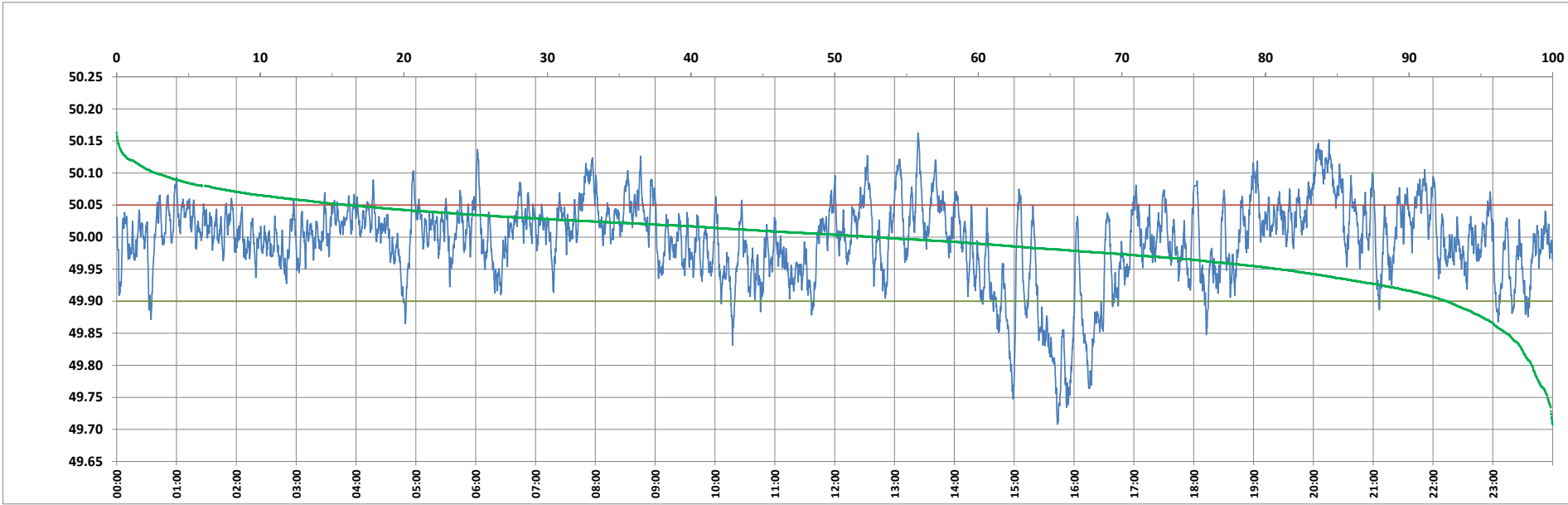


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-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	7.40	28.03	1.45	5.95	39.88	50.01	2.71	76.49	100.00	43.47	13.40	52.72	28.50	16.11	0.00	19.00	64.88	11.61

Average Frequency : 49.995	Frequency Variation Index : 0.0411	Standard Deviation : 0.0639	Mileage: 46.9	FDI: 23.5
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.163	13:23:30
Min	49.708	15:43:20

15 minute Average Frequency			
Max	50.115	20:15:00	
Min	49.794	16:00:00	

No. of excursions	
above 50.03 Hz	162
below 49.97 Hz	131
above 50.00 Hz	175
below 50.00 Hz	174

Average time freq per excursion remains	
below 49.97	0:03:05
above 50.03	0:02:32

No. of hours freq outside 49.9-50.05 Hz	5:38:30
---	---------

Source : BARH 10 Sec. (8640 samples)