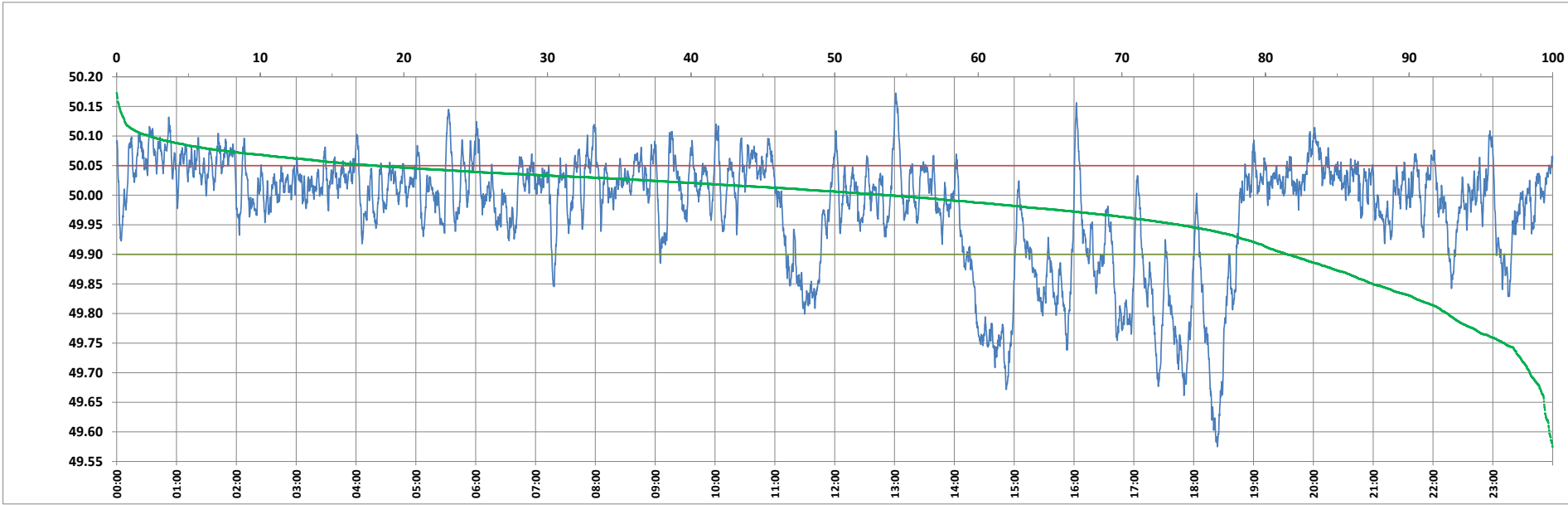


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Oct-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
1.60	18.51	32.44	5.71	11.20	27.85	51.35	2.29	63.50	98.40	34.48	15.71	53.65	33.08	18.00	0.00	26.00	56.01	7.49

Average Frequency : 49.977	Frequency Variation Index : 0.0968	Standard Deviation : 0.0958	Mileage: 42.7	FDI: 36.5
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.173	13:01:10
Min	49.575	18:23:40

15 minute Average Frequency		
Max	50.080	0:45:00
Min	49.640	18:30:00

No. of excursions	
above 50.03 Hz	169
below 49.97 Hz	74
above 50.00 Hz	130
below 50.00 Hz	129

Average time freq per excursion remains	
below 49.97	0:06:19
above 50.03	0:02:49

No. of hours freq outside 49.9-50.05 Hz	8:45:40
---	---------

Source : AGRA 10 Sec. (8640 samples)