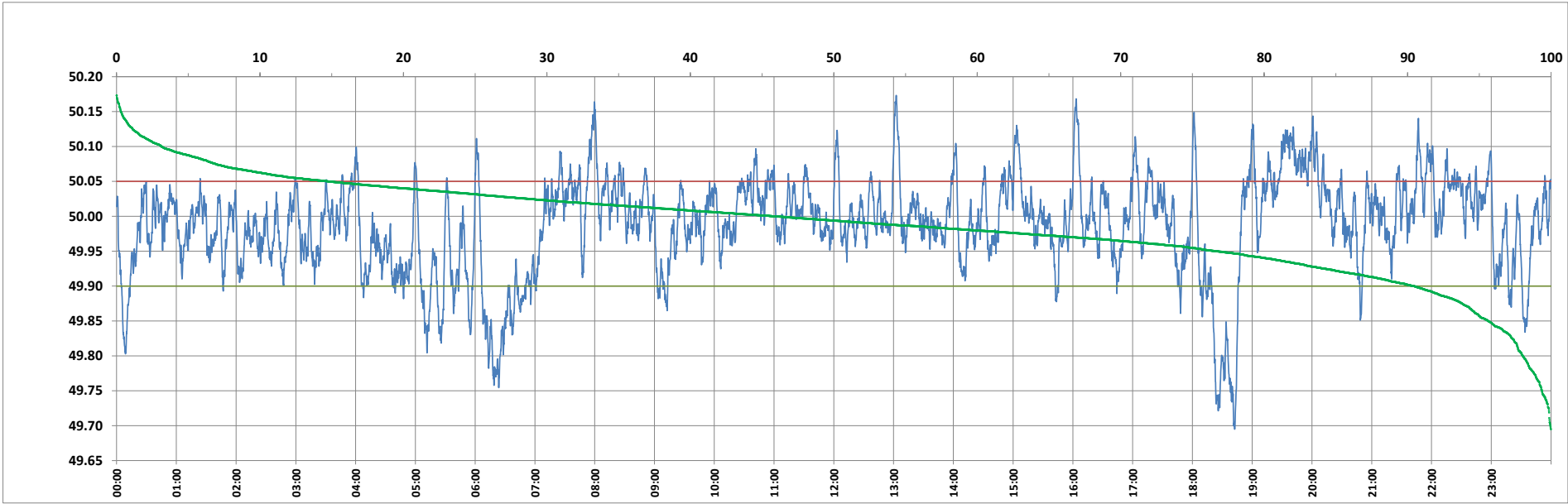


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Oct-2023 (Thursday)



<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
0.05	9.56	33.23	1.92	7.59	44.61	42.70	3.14	75.67	99.95	41.01	11.63	45.83	25.76	14.77	0.00	23.32	61.91	13.76

Average Frequency : 49.987	Frequency Variation Index : 0.0485	Standard Deviation : 0.0685	Mileage: 45.8	FDI: 24.3
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.173	13:02:40
Min	49.695	18:42:20

15 minute Average Frequency			
Max	50.102	19:45:00	
Min	49.769	18:45:00	

No. of excursions	
above 50.03 Hz	129
below 49.97 Hz	152
above 50.00 Hz	172
below 50.00 Hz	171

Average time freq per excursion remains	
below 49.97	0:03:09
above 50.03	0:02:53

No. of hours freq outside 49.9-50.05 Hz	5:50:20
---	---------

Source : AGRA 10 Sec. (8640 samples)