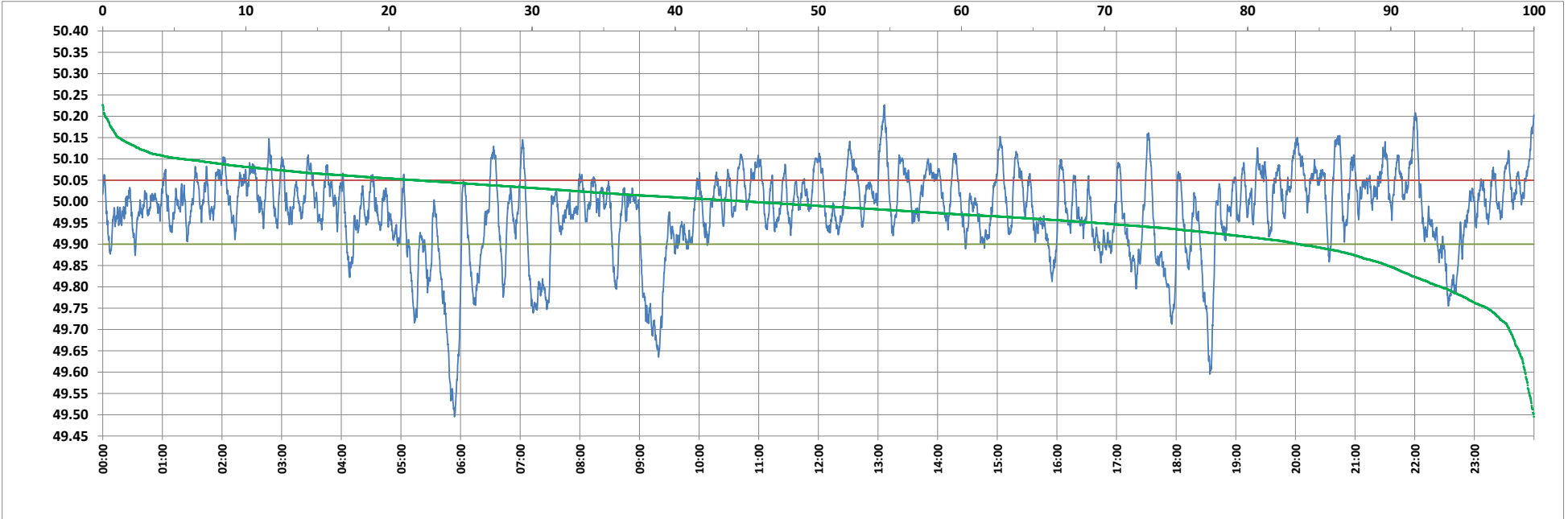


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Jan-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
1.74	16.45	40.21	4.79	9.92	38.46	39.59	5.32	61.57	98.09	28.94	16.48	45.09	30.86	21.98	0.17	30.64	47.38	14.19

Average Frequency : 49.976	Frequency Variation Index : 0.1042	Standard Deviation : 0.0993	Mileage: 49.3	FDI: 38.4
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency	
Max	50.227 13:06:30
Min	49.495 5:53:50

15 minute Average Frequency	
Max	50.098 13:15:00
Min	49.603 6:00:00

No. of excursions	
above 50.03 Hz	112
below 49.97 Hz	119
above 50.00 Hz	128
below 50.00 Hz	127

Average time freq per excursion remains	
below 49.97	0:04:52
above 50.03	0:03:58

No. of hours freq outside 49.9-50.05 Hz	9:13:20
---	---------

Source : AGRA 10 Sec. (8640 samples)