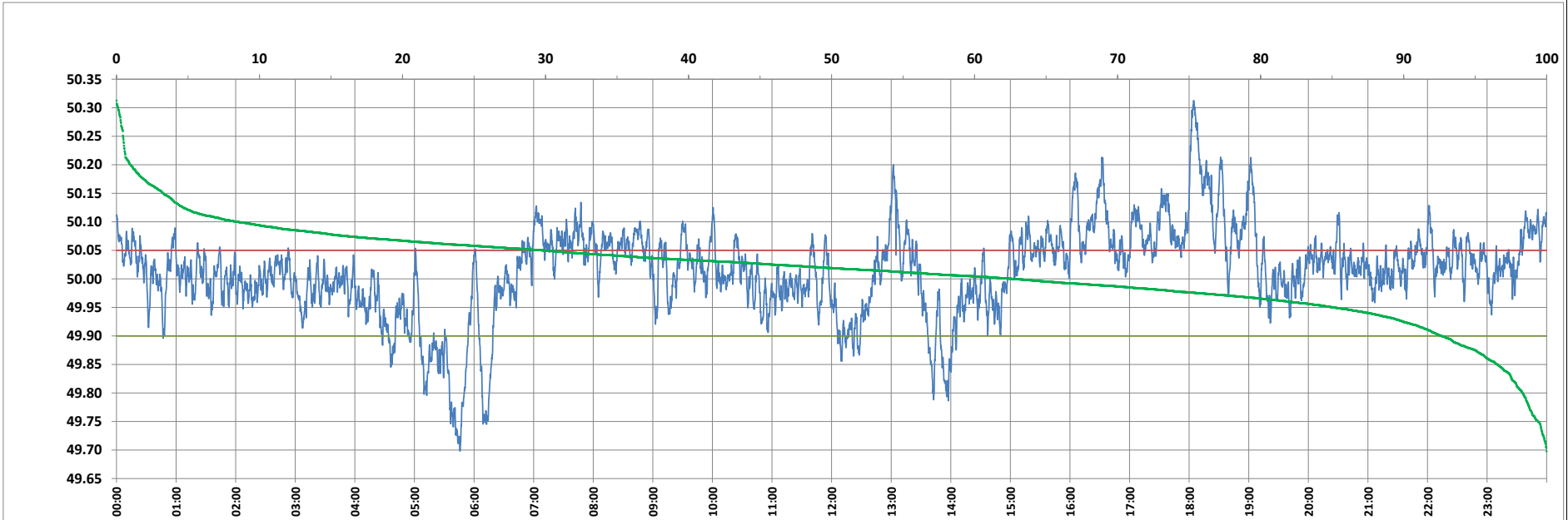


GRID CONTROLLER OF INDIA LIMITED
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Jul-2023 (Monday)



<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
0.01	7.36	21.93	1.68	5.67	29.98	54.20	7.47	62.80	98.99	35.39	21.38	62.66	42.67	29.84	1.00	14.87	55.29	7.51

Average Frequency : 50.013	Frequency Variation Index : 0.0605	Standard Deviation : 0.0766	Mileage: 47.0	FDI: 37.2
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.313	18:04:30
Min	49.698	5:45:50

15 minute Average Frequency		
Max	50.234	18:15:00
Min	49.790	5:45:00

No. of excursions	
above 50.03 Hz	164
below 49.97 Hz	114
above 50.00 Hz	142
below 50.00 Hz	141

Average time freq per excursion remains	
below 49.97	0:02:46
above 50.03	0:03:45

No. of hours freq outside 49.9-50.05 Hz	8:55:40
---	---------

Source : AGRA 10 Sec. (8640 samples)