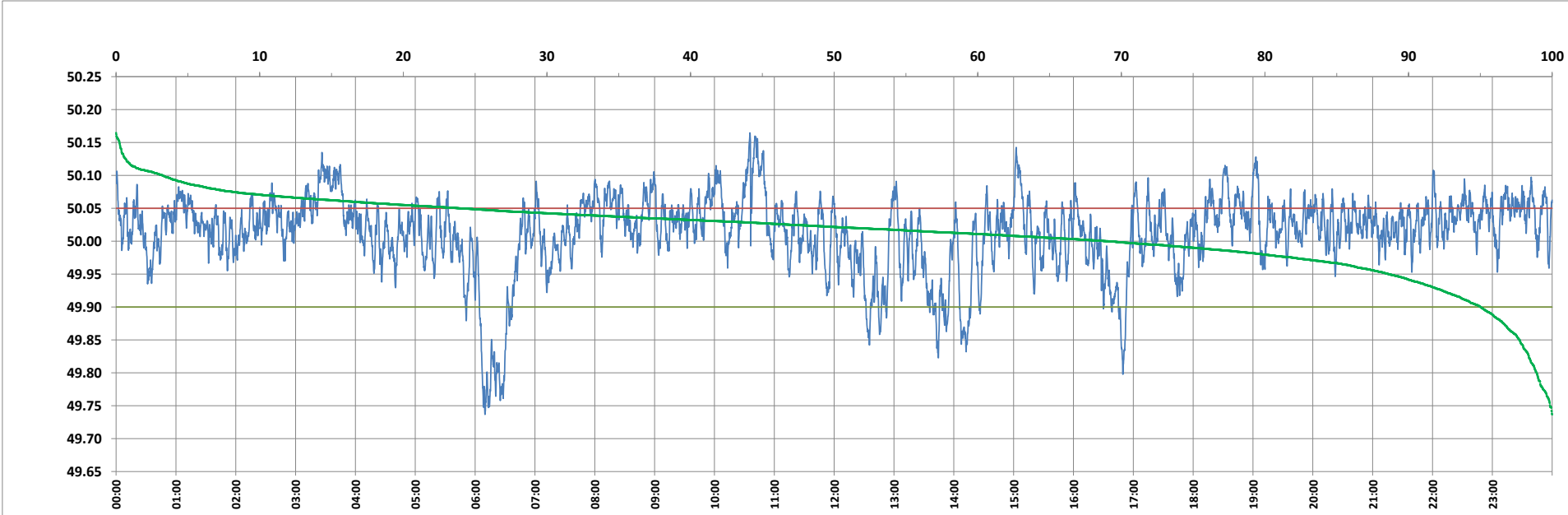


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 31-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
0.00	4.98	16.17	1.08	3.90	25.90	65.90	3.22	71.03	100.00	41.33	20.78	69.12	42.50	23.99	0.00	11.34	64.66	6.37

Average Frequency : 50.013	Frequency Variation Index : 0.0357	Standard Deviation : 0.0584	Mileage: 46.5	FDI: 29.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.165	10:35:30
Min	49.737	6:09:50

15 minute Average Frequency		
Max	50.117	10:45:00
Min	49.798	6:30:00

No. of excursions	
above 50.03 Hz	239
below 49.97 Hz	81
above 50.00 Hz	163
below 50.00 Hz	162

Average time freq per excursion remains	
below 49.97	0:02:52
above 50.03	0:02:34

No. of hours freq outside 49.9-50.05 Hz	6:57:10
---	---------

Source : AGRA 10 Sec. (8640 samples)