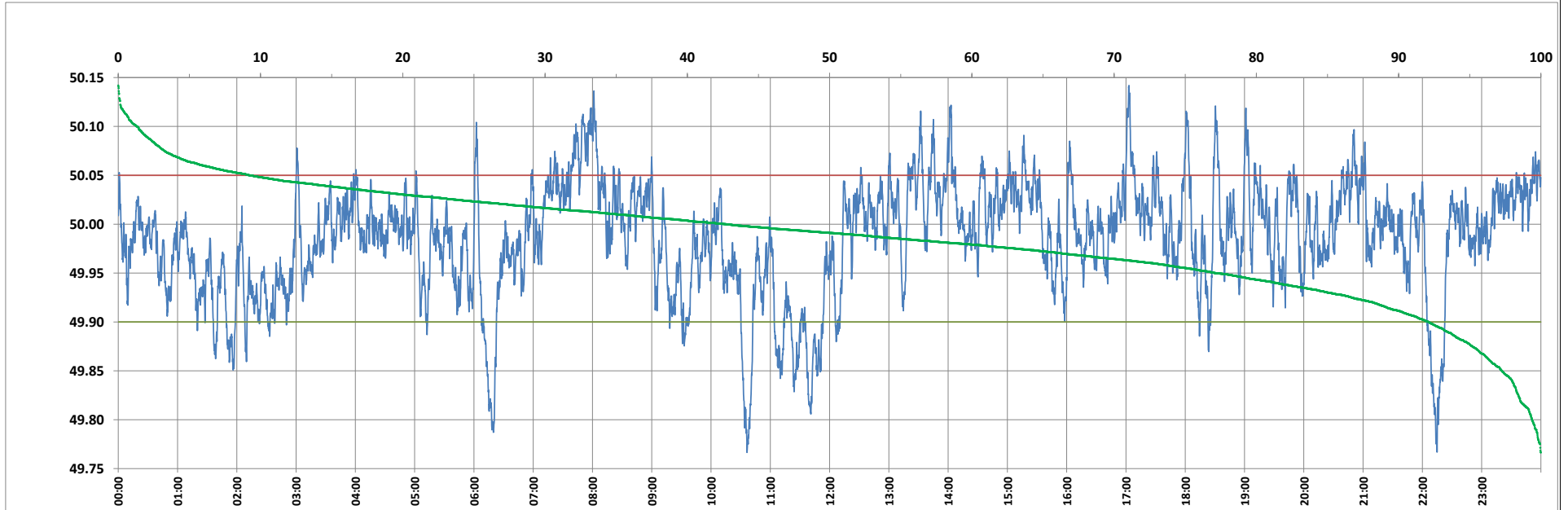


GRID CONTROLLER OF INDIA LIMITED
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Aug-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
0.00	7.87	33.60	0.63	7.25	49.35	41.45	1.33	82.85	100.00	46.16	7.95	42.78	20.24	9.28	0.00	22.87	67.85	15.00

Average Frequency : 49.985	Frequency Variation Index : 0.0346	Standard Deviation : 0.0569	Mileage: 44.6	FDI: 17.2
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.142	17:03:00
Min	49.767	10:36:20

15 minute Average Frequency			
Max	50.085	8:00:00	
Min	49.841	10:45:00	

No. of excursions	
above 50.03 Hz	139
below 49.97 Hz	143
above 50.00 Hz	182
below 50.00 Hz	181

Average time freq per excursion remains	
below 49.97	0:03:23
above 50.03	0:02:06

No. of hours freq outside 49.9-50.05 Hz	4:07:00
---	---------

Source : AGRA 10 Sec. (8640 samples)