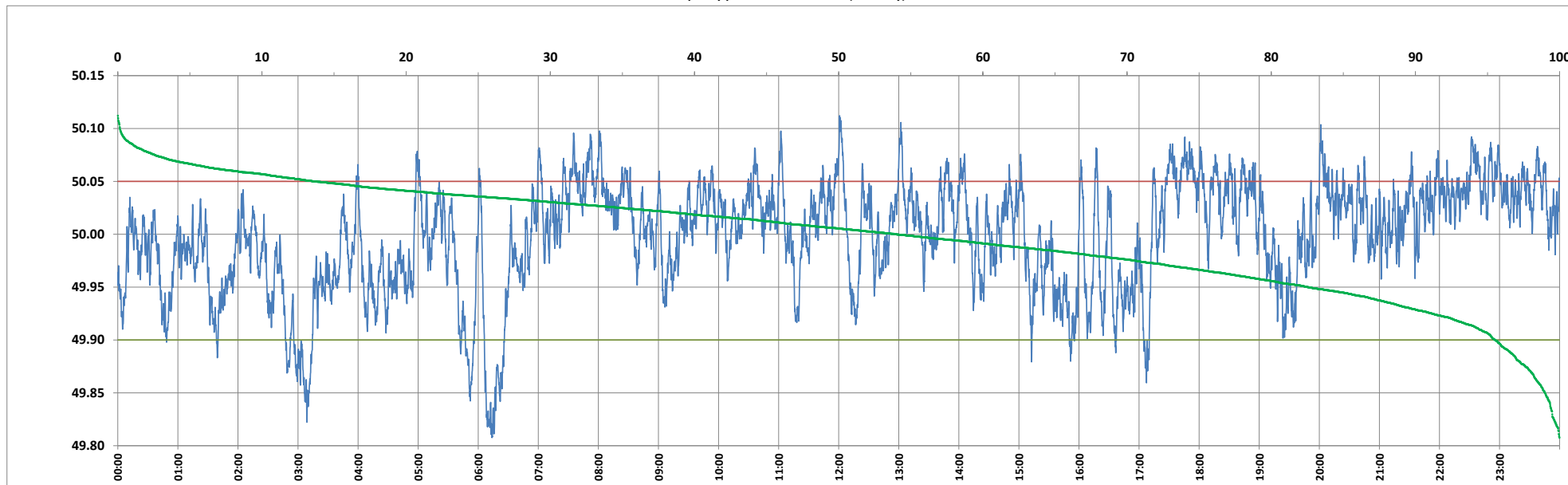


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Jul-2024 (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
0.00	4.48	26.90	0.00	4.48	41.52	53.85	0.15	81.79	100.00	42.64	13.58	54.00	30.46	13.73	0.00	17.44	68.83	12.96

Average Frequency : 49.998	Frequency Variation Index : 0.0259	Standard Deviation : 0.0509	Mileage: 44.0	FDI: 18.2
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.112	12:00:50
Min	49.808	6:13:40

15 minute Average Frequency		
Max	50.061	22:45:00
Min	49.868	3:15:00

No. of excursions	
above 50.03 Hz	206
below 49.97 Hz	122
above 50.00 Hz	157
below 50.00 Hz	157

Average time freq per excursion remains	
below 49.97	0:03:10
above 50.03	0:02:08

No. of hours freq outside 49.9-50.05 Hz	4:22:10
---	---------

Source : AGRA 10 Sec. (8640 samples)