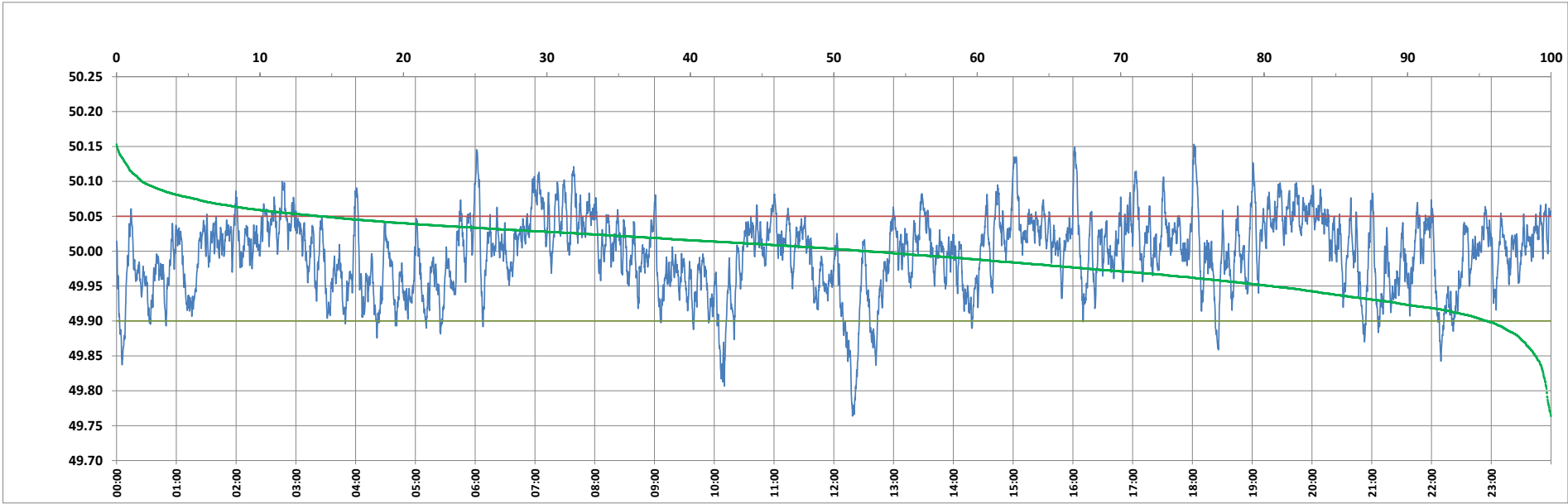


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Sep-2023 (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	29.19	0.30	4.18	43.25	50.50	1.77	81.30	100.00	42.80	12.45	52.26	28.01	14.22	0.00	19.50	66.27	15.02

Average Frequency : 49.996	Frequency Variation Index : 0.0300	Standard Deviation : 0.0547	Mileage: 45.9	FDI: 18.7
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.153	18:01:30
Min	49.764	12:18:40

15 minute Average Frequency			
Max	50.065	7:15:00	
Min	49.861	12:30:00	

No. of excursions	
above 50.03 Hz	193
below 49.97 Hz	135
above 50.00 Hz	172
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:03:07
above 50.03	0:02:05

No. of hours freq outside 49.9-50.05 Hz	4:29:20
---	---------

Source : AGRA 10 Sec. (8640 samples)