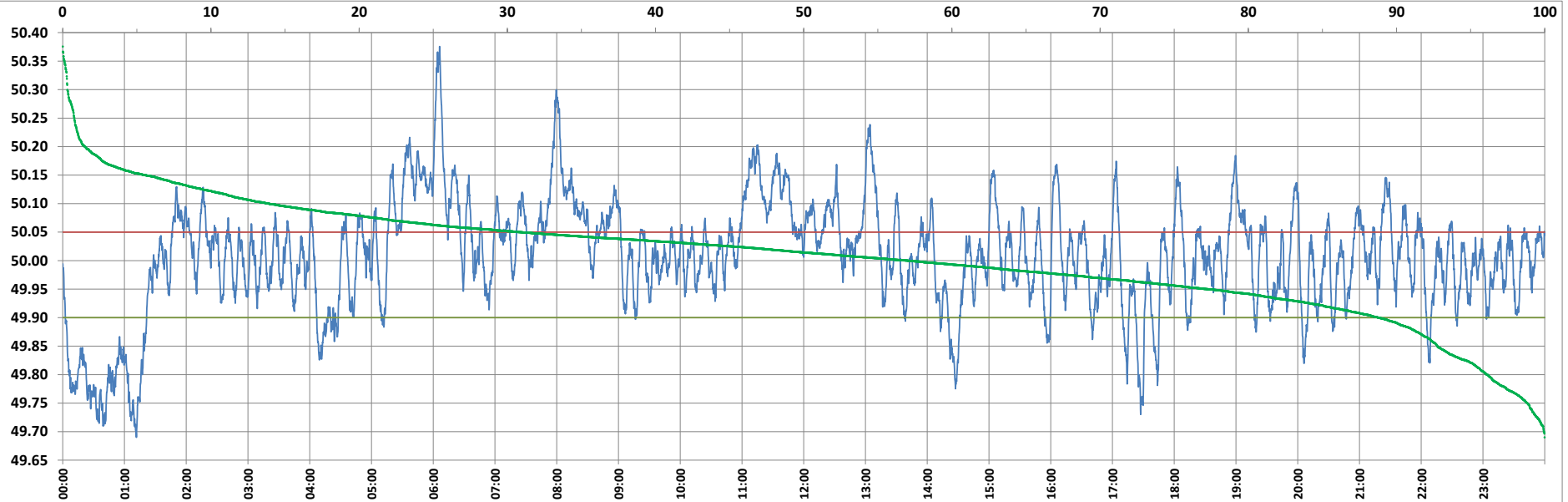


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Dec-2022 (Saturday)



<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
0.05	11.22	30.23	3.83	7.34	31.71	43.17	12.41	57.88	98.46	27.31	17.00	57.07	42.45	30.90	1.49	22.72	46.38	11.50

Average Frequency : 50.007	Frequency Variation Index : 0.0929	Standard Deviation : 0.0962	Mileage: 49.6	FDI: 42.1
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.376	6:06:10
Min	49.690	1:11:30

15 minute Average Frequency		
Max	50.220	6:15:00
Min	49.749	0:45:00

No. of excursions	
above 50.03 Hz	125
below 49.97 Hz	106
above 50.00 Hz	126
below 50.00 Hz	126

Average time freq per excursion remains	
below 49.97	0:04:06
above 50.03	0:04:53

No. of hours freq outside 49.9-50.05 Hz	10:06:30
---	----------

Source : AGRA 10 Sec. (8640 samples)