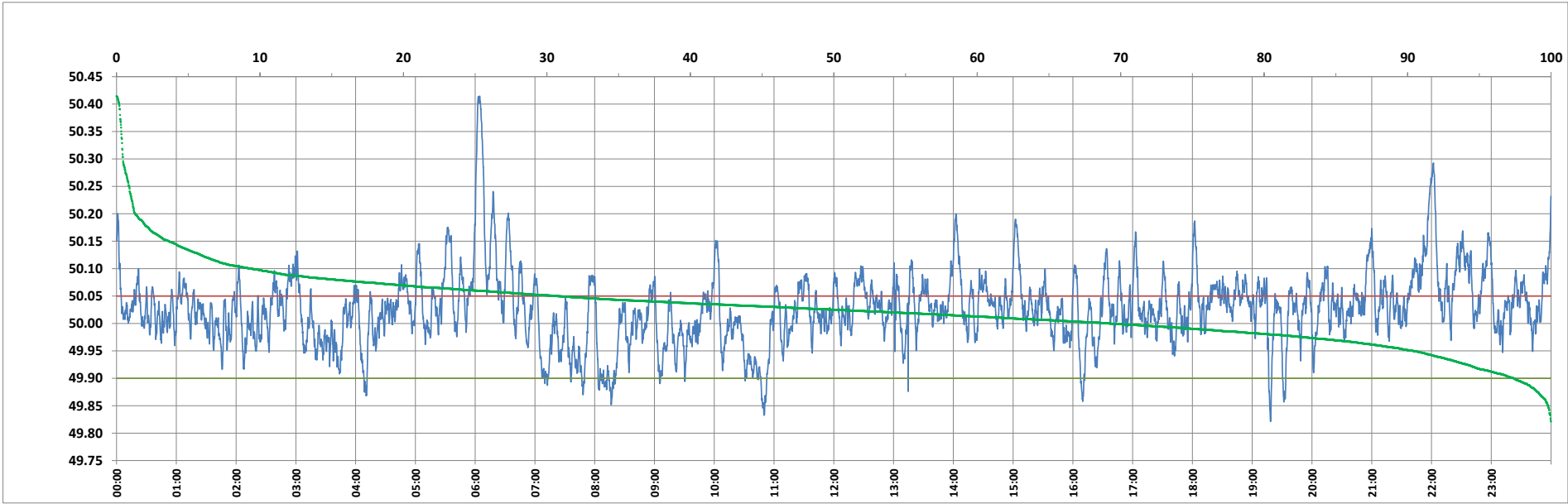


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Dec-2023 (Sunday)



<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	2.60	15.21	0.00	2.60	28.17	59.81	8.11	66.70	98.70	38.72	21.28	69.22	46.08	30.69	1.30	9.61	59.70	7.00

Average Frequency : 50.027	Frequency Variation Index : 0.0505	Standard Deviation : 0.0658	Mileage: 50.4	FDI: 33.3
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.415	6:04:30
Min	49.821	19:18:20

15 minute Average Frequency		
Max	50.246	6:15:00
Min	49.919	11:00:00

No. of excursions	
above 50.03 Hz	208
below 49.97 Hz	90
above 50.00 Hz	171
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:02:26
above 50.03	0:03:11

No. of hours freq outside 49.9-50.05 Hz	7:59:30
---	---------

Source : AGRA 10 Sec. (8640 samples)