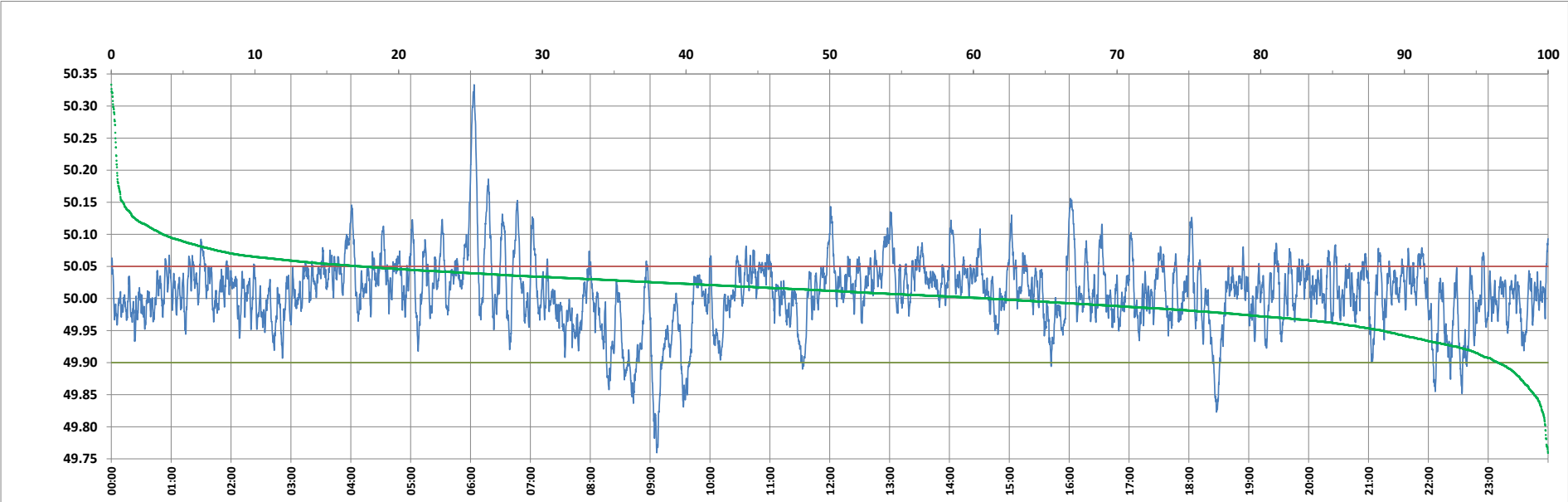


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Jan-2024 (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	3.48	18.59	0.19	3.30	35.53	57.41	3.17	79.09	99.59	47.95	13.85	60.98	33.46	17.43	0.41	11.56	71.01	8.08

Average Frequency : 50.009	Frequency Variation Index : 0.0308	Standard Deviation : 0.0549	Mileage: 48.2	FDI: 20.9
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Instantaneous Frequency		
Max	50.333	6:03:30
Min	49.759	9:06:40

15 minute Average Frequency		
Max	50.134	6:15:00
Min	49.859	9:15:00

No. of excursions	
above 50.03 Hz	219
below 49.97 Hz	120
above 50.00 Hz	209
below 50.00 Hz	208

Average time freq per excursion remains	
below 49.97	0:02:14
above 50.03	0:02:12

No. of hours freq outside 49.9-50.05 Hz	5:01:10
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Source : AGRA 10 Sec. (8640 samples)