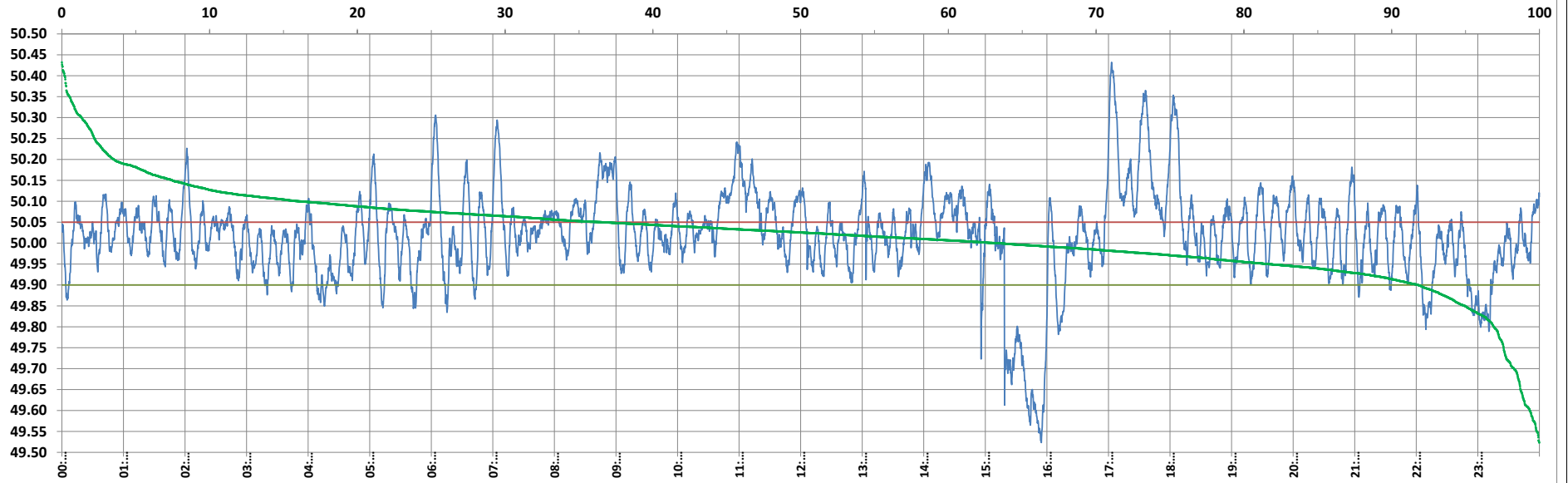


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Jan-2023 (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
1.71	8.21	24.75	1.38	5.12	28.50	47.22	12.55	55.19	94.76	27.69	20.53	63.30	47.57	36.61	3.53	18.37	45.02	10.16

Average Frequency : 50.020	Frequency Variation Index : 0.1191	Standard Deviation : 0.1073	Mileage: 52.5	FDI: 44.8
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Instantaneous Frequency		
Max	50.432	17:03:00
Min	49.523	15:54:30

15 minute Average Frequency		
Max	50.265	17:15:00
Min	49.611	16:00:00

No. of excursions	
above 50.03 Hz	140
below 49.97 Hz	99
above 50.00 Hz	128
below 50.00 Hz	127

Average time freq per excursion remains	
below 49.97	0:03:36
above 50.03	0:04:54

No. of hours freq outside 49.9-50.05 Hz	10:45:20
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Source : AGRA 10 Sec. (8640 samples)