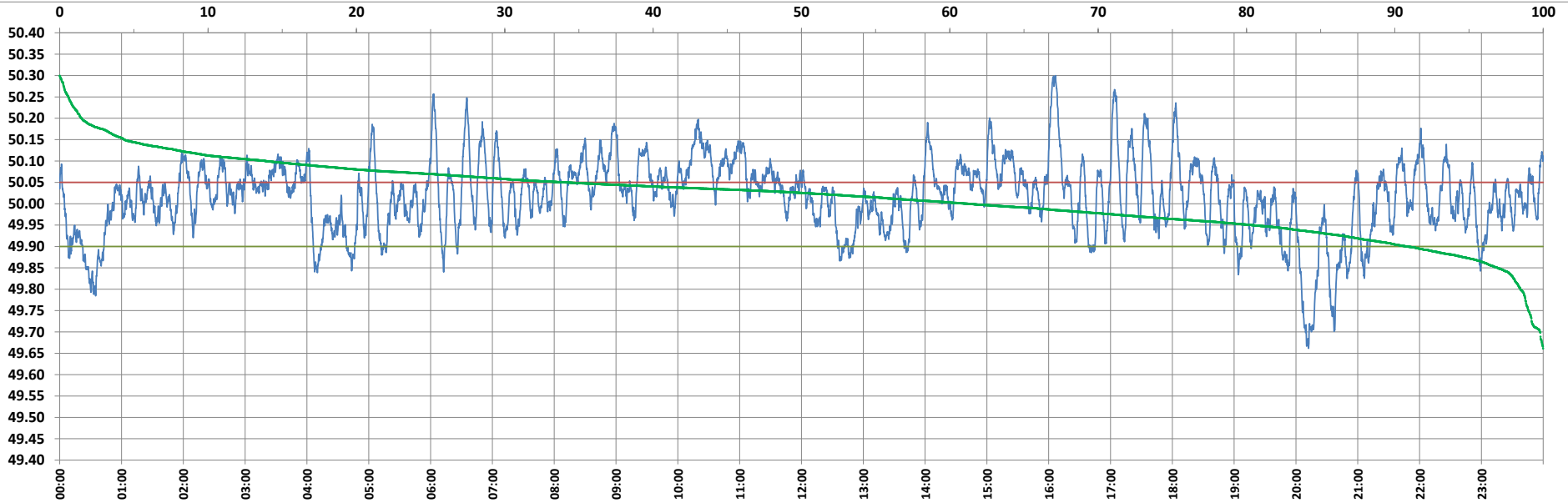


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Jan-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
0.21	9.18	27.20	1.32	7.65	29.53	47.43	12.38	56.76	98.31	25.32	20.20	61.30	47.48	34.06	1.48	19.63	46.31	10.45

Average Frequency : 50.016	Frequency Variation Index : 0.0764	Standard Deviation : 0.0861	Mileage: 49.7	FDI: 43.2
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Instantaneous Frequency		
Max	50.300	16:06:30
Min	49.662	20:12:10

15 minute Average Frequency		
Max	50.192	16:15:00
Min	49.778	20:15:00

No. of excursions	
above 50.03 Hz	142
below 49.97 Hz	93
above 50.00 Hz	115
below 50.00 Hz	114

Average time freq per excursion remains	
below 49.97	0:04:13
above 50.03	0:04:49

No. of hours freq outside 49.9-50.05 Hz	10:22:40
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Source : AGRA 10 Sec. (8640 samples)