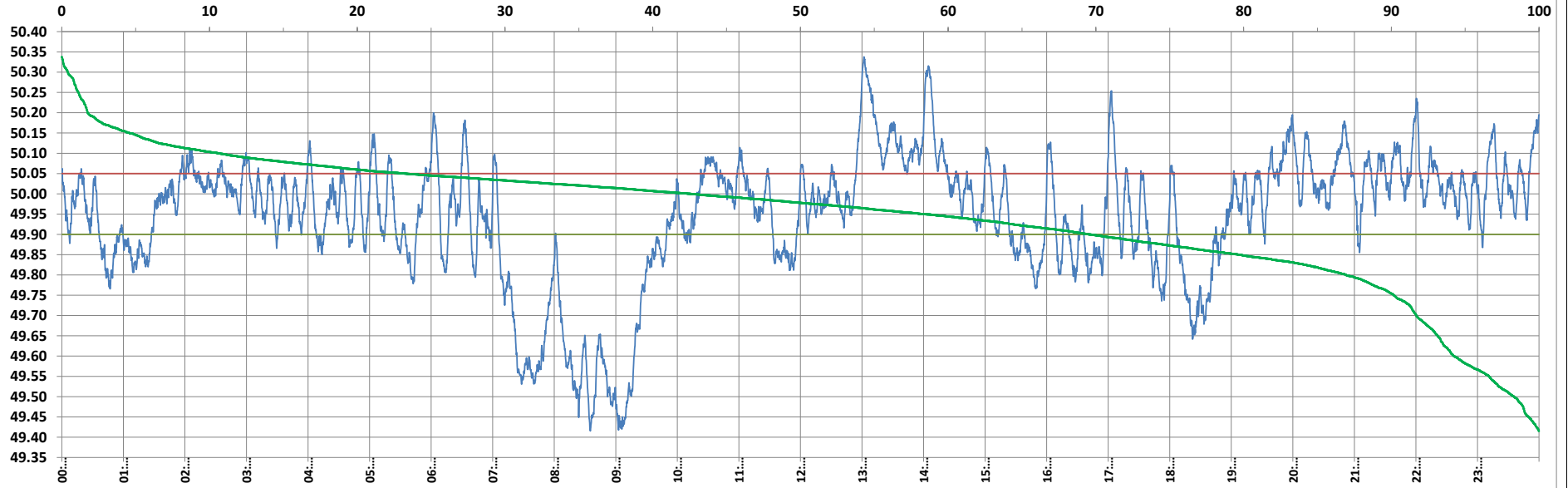


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Jan-2023 (Friday)



<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
8.30	30.39	47.35	4.76	17.34	26.96	32.01	8.88	46.34	89.94	21.40	12.63	42.65	31.25	23.26	1.76	41.59	35.15	11.19

Average Frequency : 49.946	Frequency Variation Index : 0.2724	Standard Deviation : 0.1561	Mileage: 50.2	FDI: 53.7
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Instantaneous Frequency		
Max	50.338	13:01:50
Min	49.415	8:35:00

15 minute Average Frequency		
Max	50.255	13:15:00
Min	49.463	9:15:00

No. of excursions	
above 50.03 Hz	100
below 49.97 Hz	87
above 50.00 Hz	99
below 50.00 Hz	98

Average time freq per excursion remains	
below 49.97	0:07:50
above 50.03	0:04:30

No. of hours freq outside 49.9-50.05 Hz	12:52:40
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Source : AGRA 10 Sec. (8640 samples)