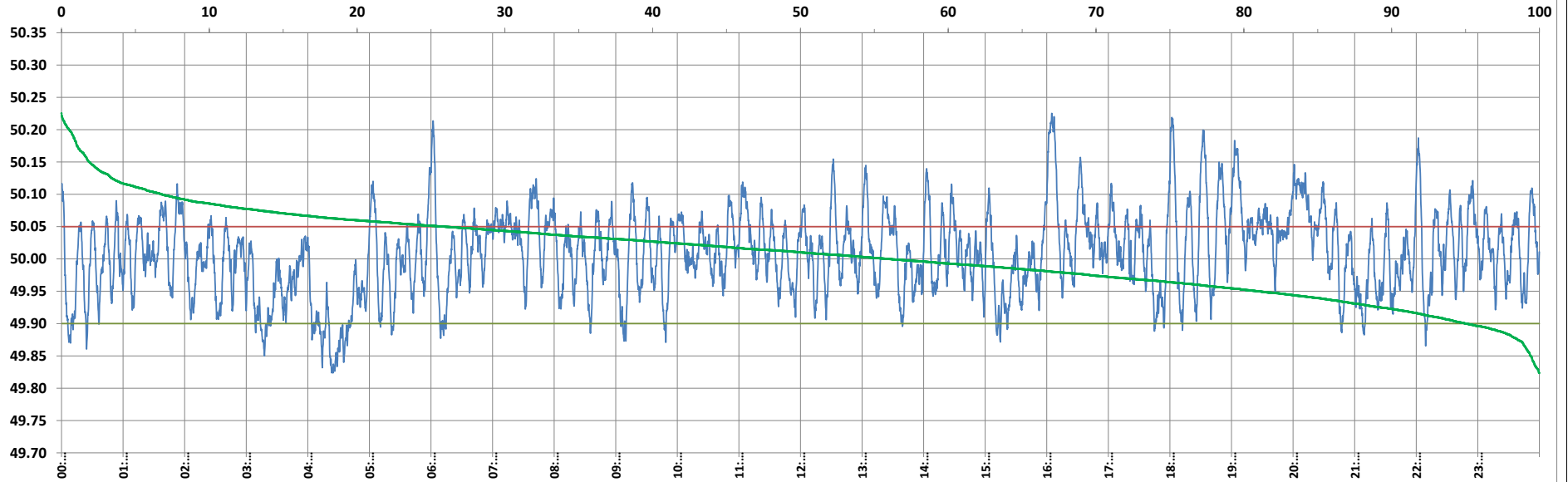


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Apr-2023 (Thursday)



<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	4.97	27.99	0.00	4.97	39.06	49.17	6.28	69.14	99.48	33.82	19.09	55.97	38.19	25.89	0.52	19.03	55.08	14.06

Average Frequency : 50.008	Frequency Variation Index : 0.0422	Standard Deviation : 0.0646	Mileage: 46.7	FDI: 30.9
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Instantaneous Frequency	
Max	50.225 16:04:50
Min	49.824 4:24:20

15 minute Average Frequency	
Max	50.127 16:15:00
Min	49.868 4:30:00

No. of excursions	
above 50.03 Hz	142
below 49.97 Hz	119
above 50.00 Hz	154
below 50.00 Hz	153

Average time freq per excursion remains	
below 49.97	0:03:23
above 50.03	0:03:52

No. of hours freq outside 49.9-50.05 Hz	7:24:20
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Source : AGRA 10 Sec. (8640 samples)