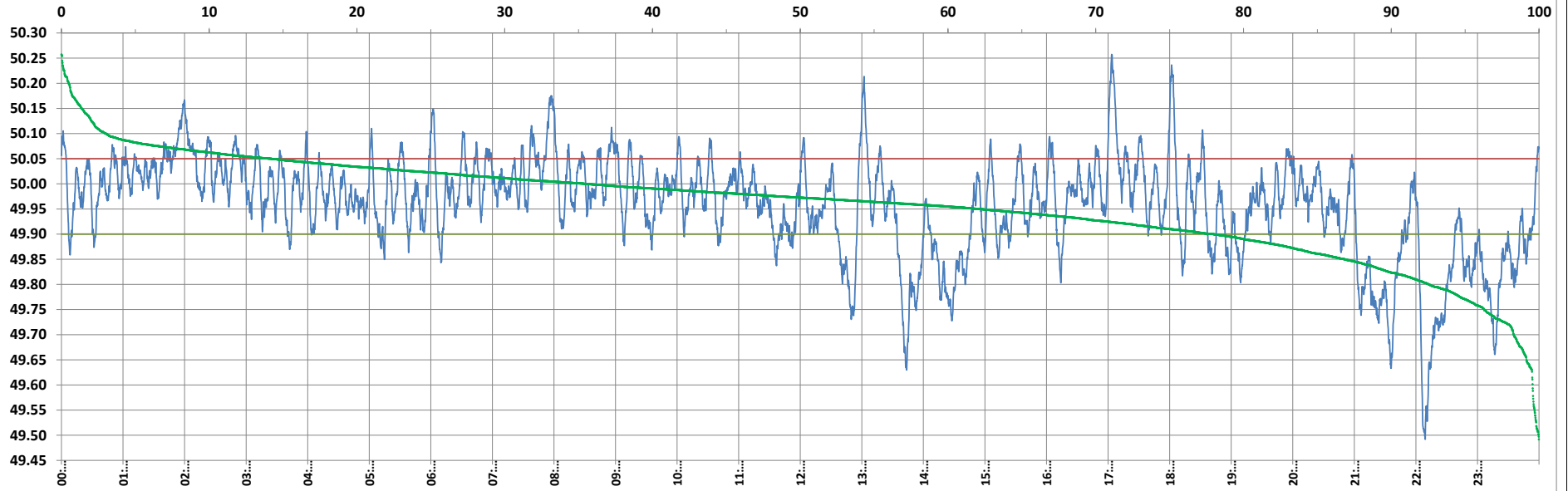


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Apr-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	22.03	48.30	5.72	14.59	42.47	32.48	2.53	63.75	97.79	29.83	11.19	35.51	21.88	14.22	0.50	37.85	47.93	15.82

Average Frequency : 49.958	Frequency Variation Index : 0.1135	Standard Deviation : 0.0980	Mileage: 47.9	FDI: 36.3
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Instantaneous Frequency		
Max	50.257	17:03:30
Min	49.492	22:09:00

15 minute Average Frequency		
Max	50.114	17:15:00
Min	49.675	22:15:00

No. of excursions	
above 50.03 Hz	99
below 49.97 Hz	137
above 50.00 Hz	129
below 50.00 Hz	128

Average time freq per excursion remains	
below 49.97	0:05:05
above 50.03	0:03:11

No. of hours freq outside 49.9-50.05 Hz	8:42:00
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Source : AGRA 10 Sec. (8640 samples)