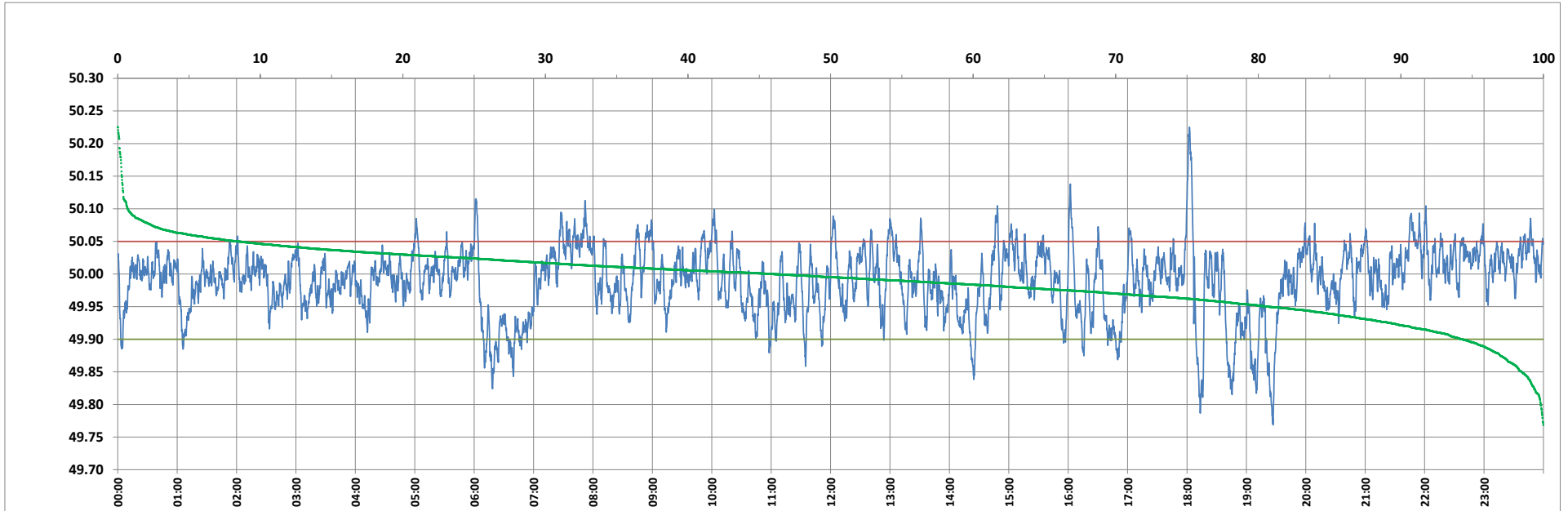


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Sep-2023 (Wednesday)



<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	5.71	29.95	0.19	5.52	48.38	45.22	0.58	85.86	99.88	50.22	7.74	45.91	19.83	8.44	0.12	19.32	72.25	13.61

Average Frequency : 49.989	Frequency Variation Index : 0.0276	Standard Deviation : 0.0515	Mileage: 43.9	FDI: 14.1
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Instantaneous Frequency		
Max	50.225	18:02:20
Min	49.769	19:26:50

15 minute Average Frequency			
Max	50.055	8:00:00	
Min	49.872	19:30:00	

No. of excursions	
above 50.03 Hz	162
below 49.97 Hz	139
above 50.00 Hz	200
below 50.00 Hz	199

Average time freq per excursion remains	
below 49.97	0:03:06
above 50.03	0:01:46

No. of hours freq outside 49.9-50.05 Hz	3:23:40
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Source : AGRA 10 Sec. (8640 samples)