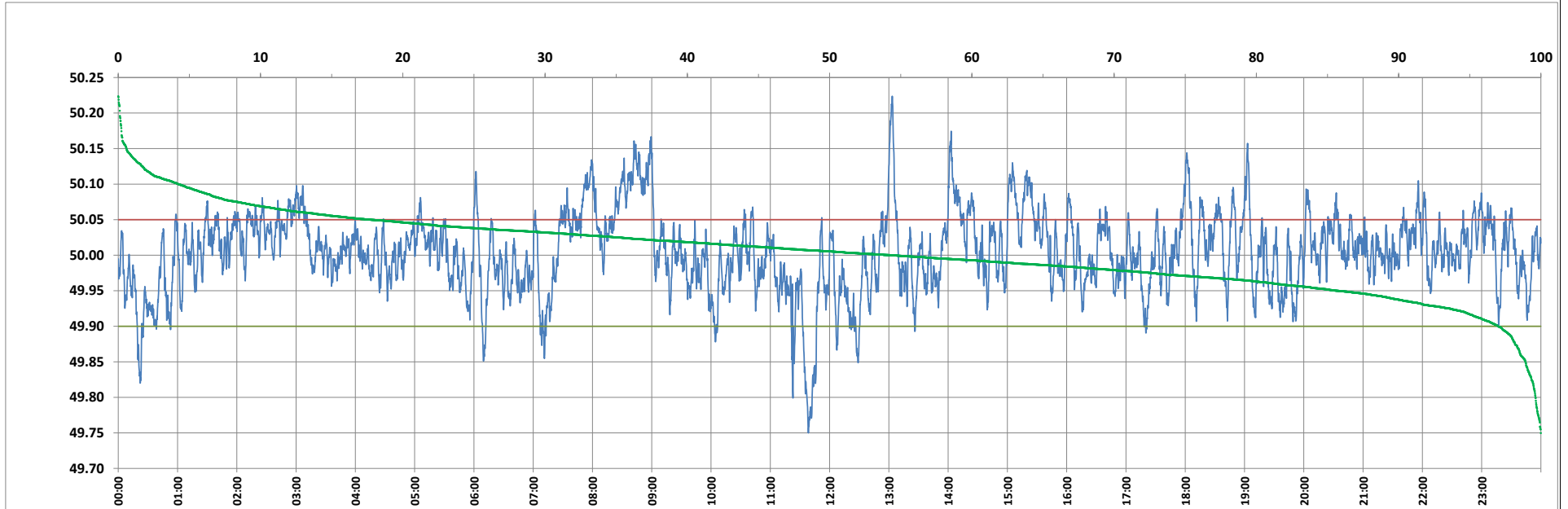


GRID CONTROLLER OF INDIA LIMITED  
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Jul-2023 (Monday)



<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	3.01	24.27	0.38	2.63	42.47	50.30	4.11	79.25	99.88	44.14	13.52	54.53	31.59	17.74	0.12	14.26	68.00	11.25

Average Frequency : 50.004	Frequency Variation Index : 0.0309	Standard Deviation : 0.0554	Mileage: 47.6	FDI: 20.8
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Instantaneous Frequency		
Max	50.224	13:03:20
Min	49.750	11:38:30

15 minute Average Frequency		
Max	50.119	9:00:00
Min	49.837	11:45:00

No. of excursions	
above 50.03 Hz	173
below 49.97 Hz	148
above 50.00 Hz	195
below 50.00 Hz	195

Average time freq per excursion remains	
below 49.97	0:02:22
above 50.03	0:02:38

No. of hours freq outside 49.9-50.05 Hz	4:58:50
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Source : AGRA 10 Sec. (8640 samples)