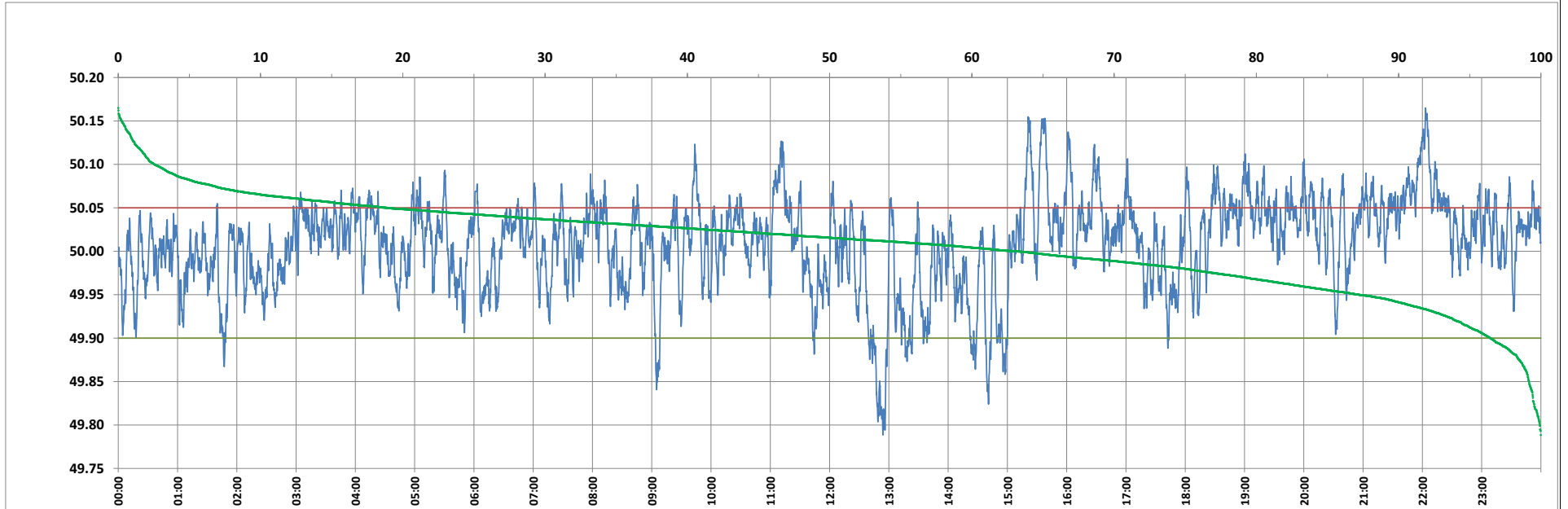


GRID CONTROLLER OF INDIA LIMITED
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Jul-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
0.00	3.55	20.86	0.08	3.47	33.33	60.56	2.56	77.49	100.00	42.59	16.40	63.11	36.55	18.96	0.00	12.79	68.25	9.24

Average Frequency : 50.009	Frequency Variation Index : 0.0280	Standard Deviation : 0.0523	Mileage: 47.0	FDI: 22.5
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Instantaneous Frequency	
Max	50.165 22:03:10
Min	49.789 12:54:00

15 minute Average Frequency	
Max	50.105 22:15:00
Min	49.847 13:00:00

No. of excursions	
above 50.03 Hz	219
below 49.97 Hz	106
above 50.00 Hz	171
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:02:50
above 50.03	0:02:24

No. of hours freq outside 49.9-50.05 Hz	5:24:10
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Source : AGRA 10 Sec. (8640 samples)