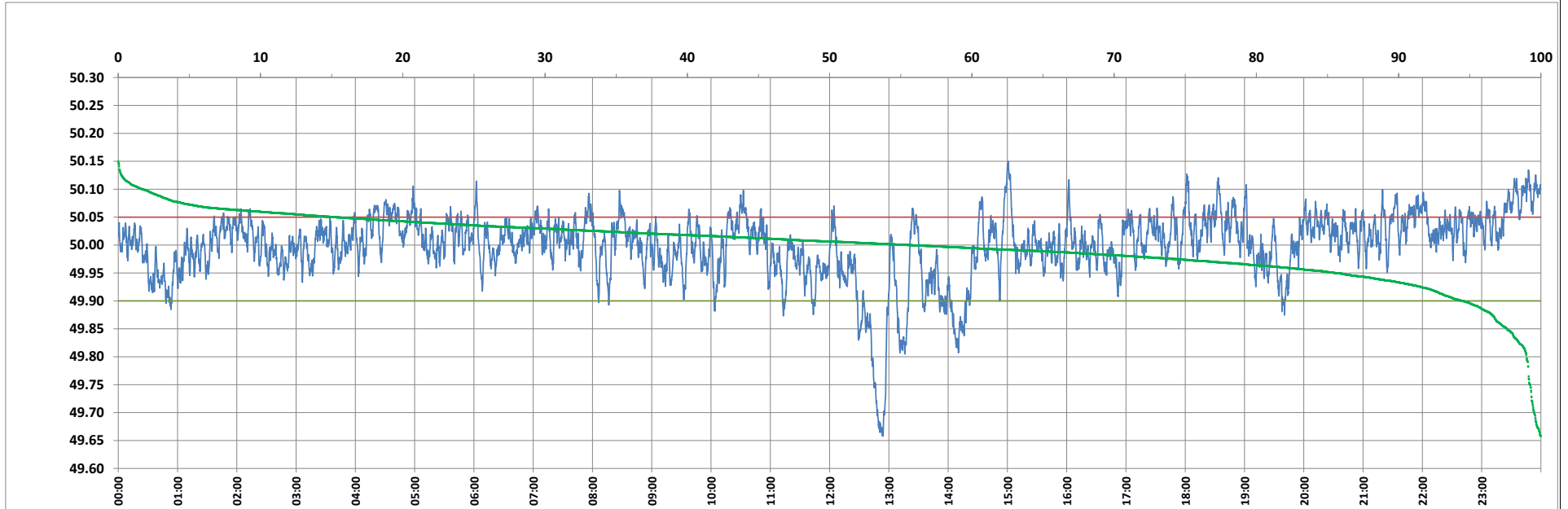


GRID CONTROLLER OF INDIA LIMITED
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Jul-2023 (Tuesday)



<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
0.49	5.51	23.02	0.53	4.49	38.85	53.91	1.72	79.24	99.51	47.41	13.53	55.63	29.57	15.25	0.00	14.41	70.34	8.90

Average Frequency : 49.999	Frequency Variation Index : 0.0348	Standard Deviation : 0.0590	Mileage: 49.7	FDI: 20.8
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Instantaneous Frequency		
Max	50.150	15:00:50
Min	49.658	12:53:50

15 minute Average Frequency		
Max	50.098	0:00:00
Min	49.732	13:00:00

No. of excursions	
above 50.03 Hz	221
below 49.97 Hz	131
above 50.00 Hz	213
below 50.00 Hz	212

Average time freq per excursion remains	
below 49.97	0:02:32
above 50.03	0:01:56

No. of hours freq outside 49.9-50.05 Hz	4:59:00
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Source : AGRA 10 Sec. (8640 samples)