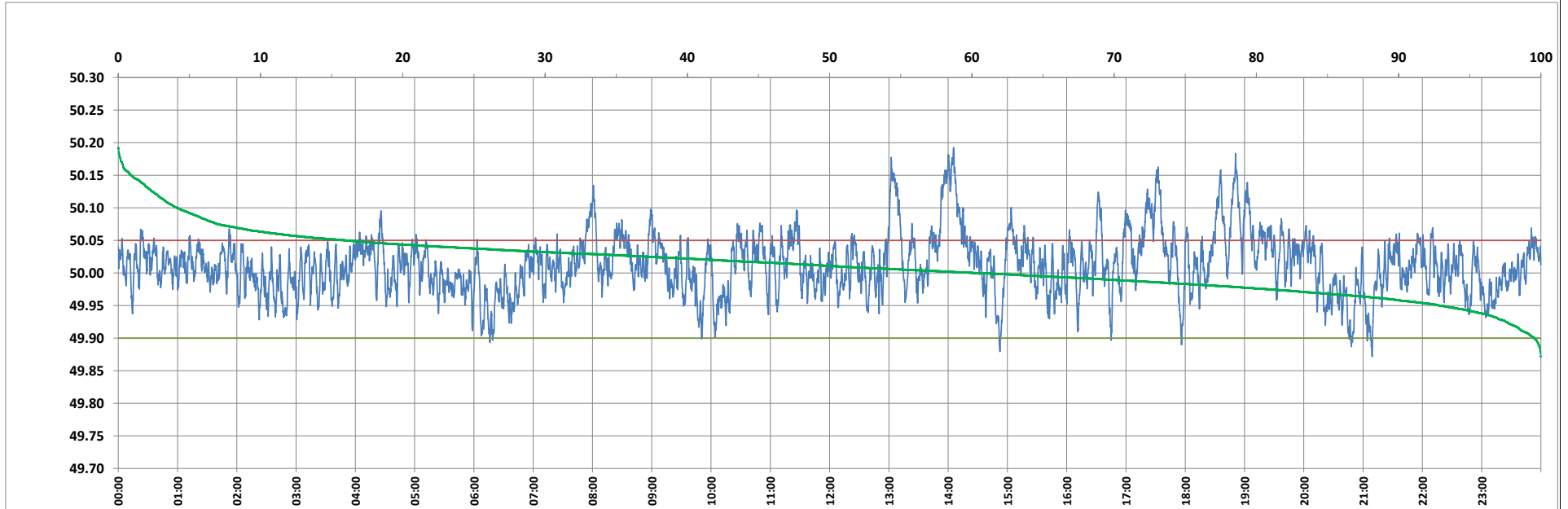


GRID CONTROLLER OF INDIA LIMITED
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Jul-2023 (Friday)



<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	0.46	16.10	0.00	0.46	39.17	56.23	4.14	83.48	100.00	51.74	11.91	60.37	32.16	16.05	0.00	7.11	76.84	6.64

Average Frequency : 50.012	Frequency Variation Index : 0.0221	Standard Deviation : 0.0454	Mileage: 47.8	FDI: 16.5
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Instantaneous Frequency		
Max	50.193	14:05:30
Min	49.872	21:09:00

15 minute Average Frequency		
Max	50.127	14:15:00
Min	49.943	21:15:00

No. of excursions	
above 50.03 Hz	236
below 49.97 Hz	138
above 50.00 Hz	240
below 50.00 Hz	239

Average time freq per excursion remains	
below 49.97	0:01:41
above 50.03	0:01:58

No. of hours freq outside 49.9-50.05 Hz	3:57:50
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Source : AGRA 10 Sec. (8640 samples)