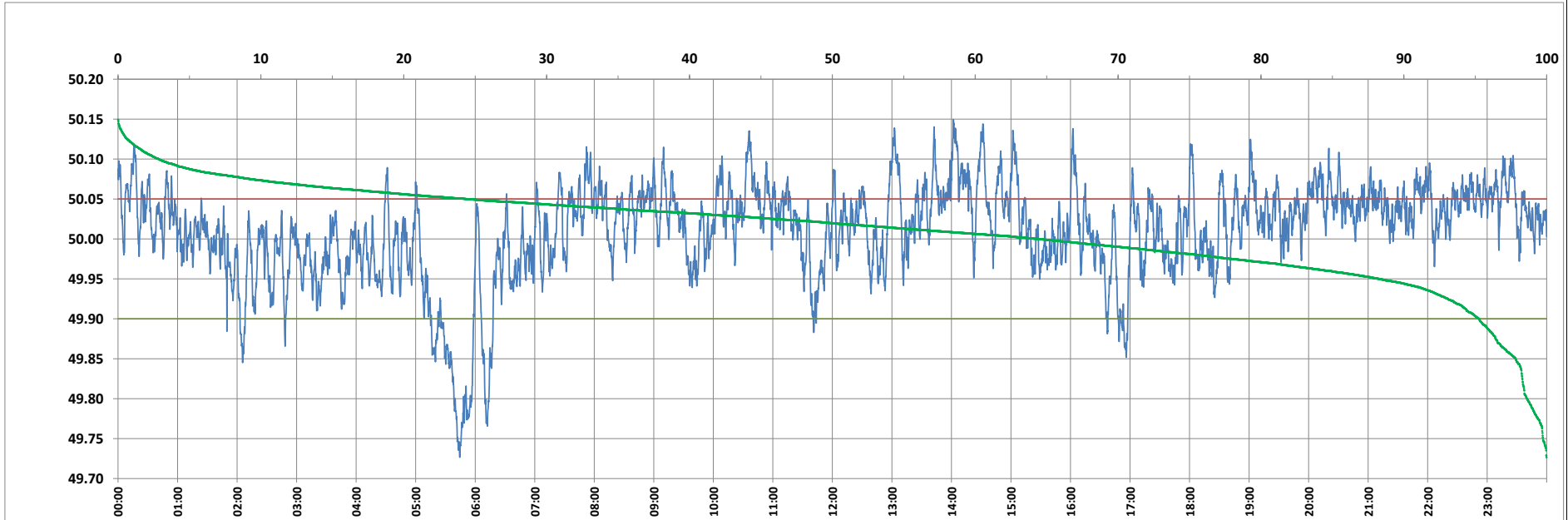


GRID CONTROLLER OF INDIA LIMITED
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Jul-2023 (Thursday)



<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	4.71	19.48	1.38	3.33	30.90	61.54	2.85	70.84	100.00	38.67	21.60	64.39	41.85	24.44	0.00	11.72	63.83	7.01

Average Frequency : 50.011	Frequency Variation Index : 0.0365	Standard Deviation : 0.0595	Mileage: 45.8	FDI: 29.2
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Instantaneous Frequency		
Max	50.149	14:01:50
Min	49.727	5:44:20

15 minute Average Frequency		
Max	50.096	14:15:00
Min	49.806	6:00:00

No. of excursions	
above 50.03 Hz	184
below 49.97 Hz	115
above 50.00 Hz	148
below 50.00 Hz	147

Average time freq per excursion remains	
below 49.97	0:02:26
above 50.03	0:03:17

No. of hours freq outside 49.9-50.05 Hz	6:59:50
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Source : BHADRAWATHI 10 Sec. (8640 samples)