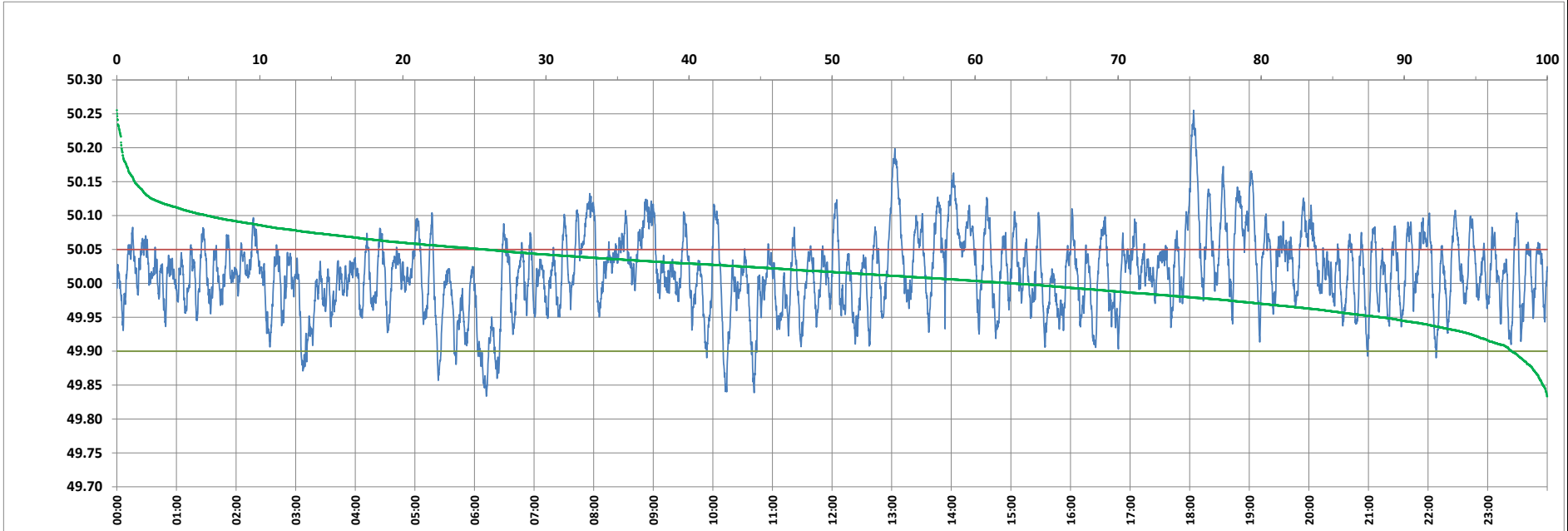


GRID CONTROLLER OF INDIA LIMITED
 NATIONAL LOAD DESPATCH CENTRE, NEW DELHI
 Frequency profile for 04-Jul-2023 (Tuesday)



<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
0.00	2.49	20.02	0.00	2.49	34.81	56.40	5.97	71.81	99.68	40.71	19.42	62.70	39.27	25.71	0.32	11.67	62.63	9.18

Average Frequency : 50.016	Frequency Variation Index : 0.0346	Standard Deviation : 0.0567	Mileage: 45.4	FDI: 28.2
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Instantaneous Frequency		
Max	50.255	18:03:50
Min	49.833	6:11:50

15 minute Average Frequency		
Max	50.129	18:15:00
Min	49.895	6:15:00

No. of excursions	
above 50.03 Hz	179
below 49.97 Hz	111
above 50.00 Hz	160
below 50.00 Hz	160

Average time freq per excursion remains	
below 49.97	0:02:36
above 50.03	0:03:10

No. of hours freq outside 49.9-50.05 Hz	6:46:00
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Source : AGRA 10 Sec. (8640 samples)