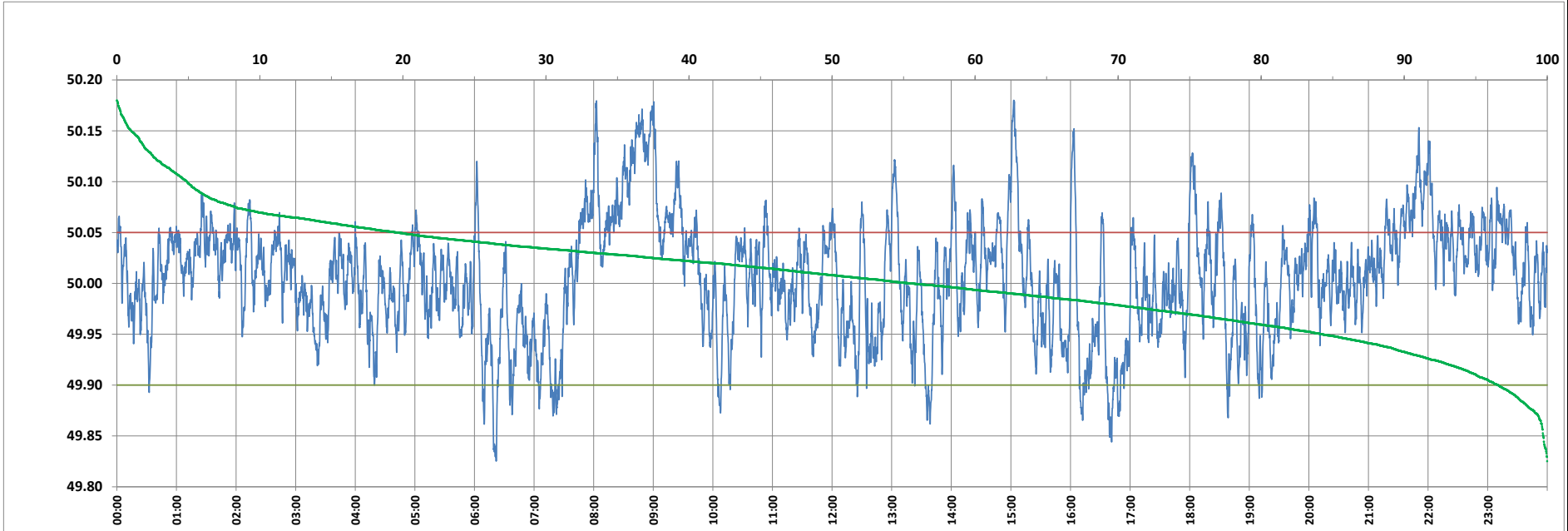


GRID CONTROLLER OF INDIA LIMITED
 NATIONAL LOAD DESPATCH CENTRE, NEW DELHI
 Frequency profile for 15-Jul-2023 (Saturday)



<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	3.44	25.23	0.00	3.44	41.05	50.60	4.91	76.98	100.00	41.41	14.68	55.51	33.36	19.58	0.00	15.74	64.68	12.30

Average Frequency : 50.006	Frequency Variation Index : 0.0316	Standard Deviation : 0.0560	Mileage: 45.6	FDI: 23.0
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Instantaneous Frequency		
Max	50.180	15:02:50
Min	49.825	6:21:50

15 minute Average Frequency		
Max	50.147	9:00:00
Min	49.905	7:30:00

No. of excursions	
above 50.03 Hz	169
below 49.97 Hz	125
above 50.00 Hz	171
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:02:54
above 50.03	0:02:51

No. of hours freq outside 49.9-50.05 Hz	5:31:30
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Source : AGRA 10 Sec. (8640 samples)