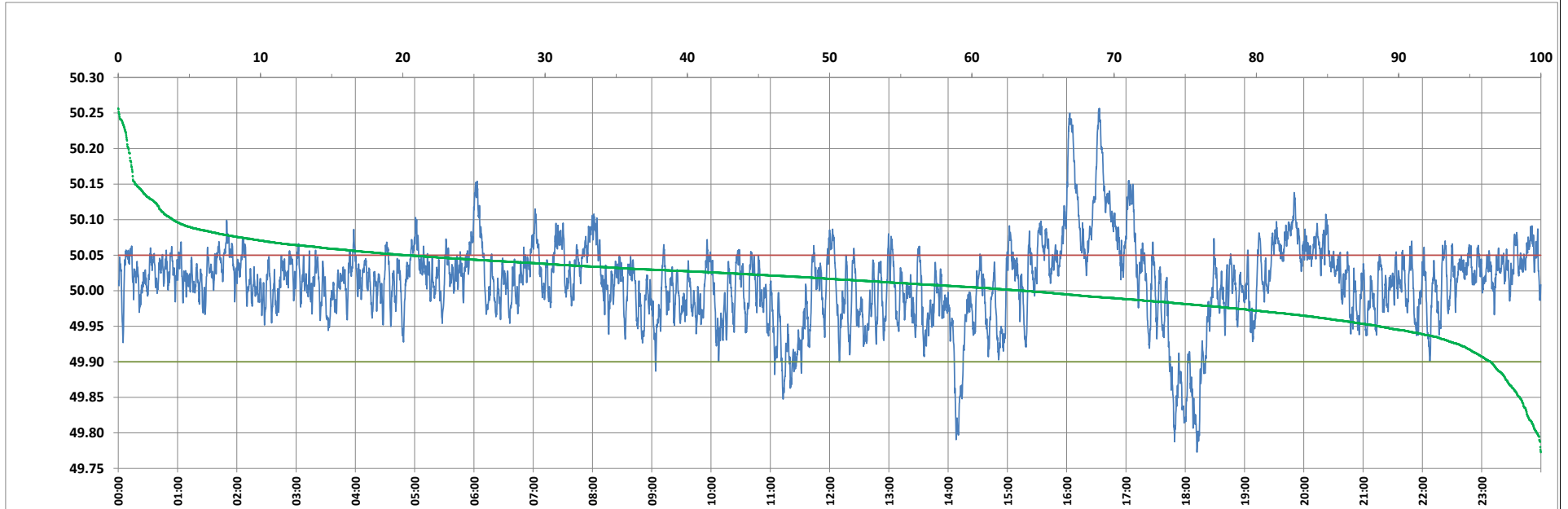


GRID CONTROLLER OF INDIA LIMITED
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Jul-2023 (Sunday)



<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	3.53	19.03	0.29	3.24	32.77	59.85	3.13	76.24	99.27	43.82	16.38	63.70	37.15	20.23	0.73	11.41	68.36	7.88

Average Frequency : 50.012	Frequency Variation Index : 0.0341	Standard Deviation : 0.0575	Mileage: 48.9	FDI: 23.8
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Instantaneous Frequency		
Max	50.257	16:33:00
Min	49.773	18:11:50

15 minute Average Frequency			
Max	50.170	16:45:00	
Min	49.841	18:15:00	

No. of excursions	
above 50.03 Hz	227
below 49.97 Hz	128
above 50.00 Hz	178
below 50.00 Hz	177

Average time freq per excursion remains	
below 49.97	0:02:08
above 50.03	0:02:21

No. of hours freq outside 49.9-50.05 Hz	5:42:10
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Source : AGRA 10 Sec. (8640 samples)