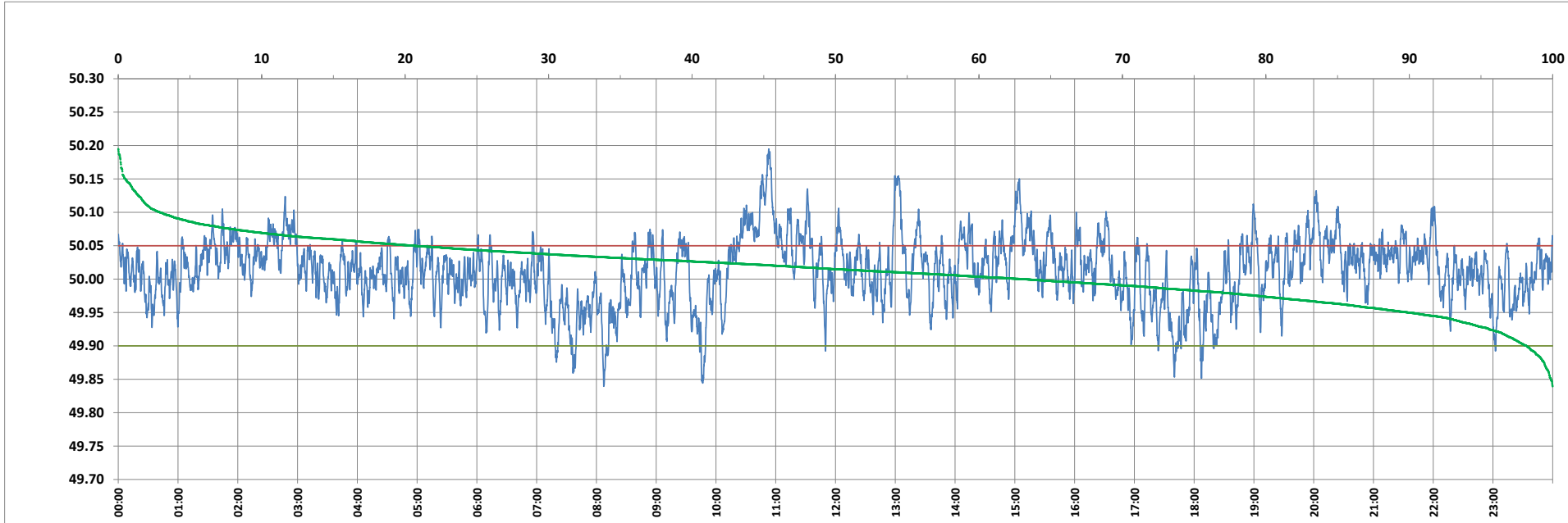


GRID CONTROLLER OF INDIA LIMITED
 NATIONAL LOAD DESPATCH CENTRE, NEW DELHI
 Frequency profile for 27-Jul-2023 (Thursday)



<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	1.83	18.33	0.00	1.83	35.13	60.13	2.92	77.60	100.00	45.23	17.65	63.03	36.44	20.57	0.00	10.09	69.34	8.26

Average Frequency : 50.012	Frequency Variation Index : 0.0253	Standard Deviation : 0.0488	Mileage: 47.8	FDI: 22.4
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Instantaneous Frequency		
Max	50.195	10:53:00
Min	49.839	8:07:20

15 minute Average Frequency		
Max	50.136	11:00:00
Min	49.923	8:15:00

No. of excursions	
above 50.03 Hz	230
below 49.97 Hz	120
above 50.00 Hz	201
below 50.00 Hz	201

Average time freq per excursion remains	
below 49.97	0:02:12
above 50.03	0:02:17

No. of hours freq outside 49.9-50.05 Hz	5:22:30
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Source : AGRA 10 Sec. (8640 samples)