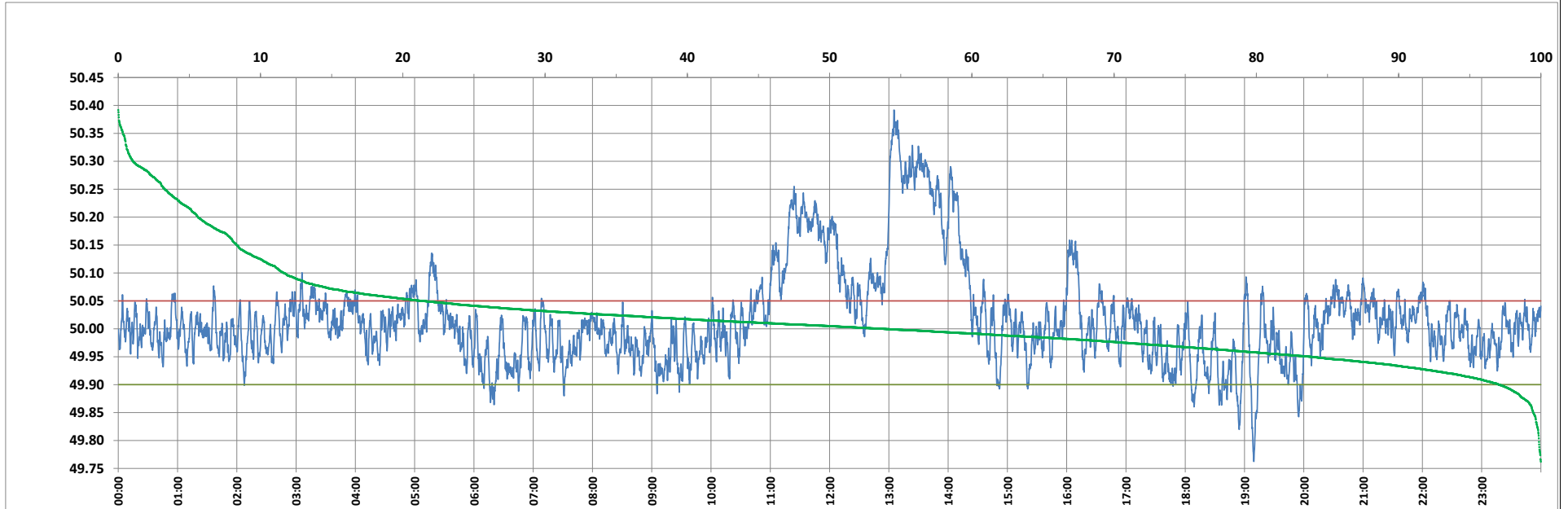


GRID CONTROLLER OF INDIA LIMITED
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-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	2.93	26.33	0.14	2.79	43.25	42.18	6.03	75.63	94.39	42.50	9.80	53.82	31.17	21.45	5.61	16.15	62.41	13.22

Average Frequency : 50.018	Frequency Variation Index : 0.0752	Standard Deviation : 0.0851	Mileage: 49.6	FDI: 24.4
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Instantaneous Frequency		
Max	50.392	13:05:10
Min	49.762	19:09:20

15 minute Average Frequency		
Max	50.322	13:15:00
Min	49.914	18:45:00

No. of excursions	
above 50.03 Hz	151
below 49.97 Hz	145
above 50.00 Hz	194
below 50.00 Hz	194

Average time freq per excursion remains	
below 49.97	0:02:37
above 50.03	0:02:58

No. of hours freq outside 49.9-50.05 Hz	5:51:00
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Source : AGRA 10 Sec. (8640 samples)