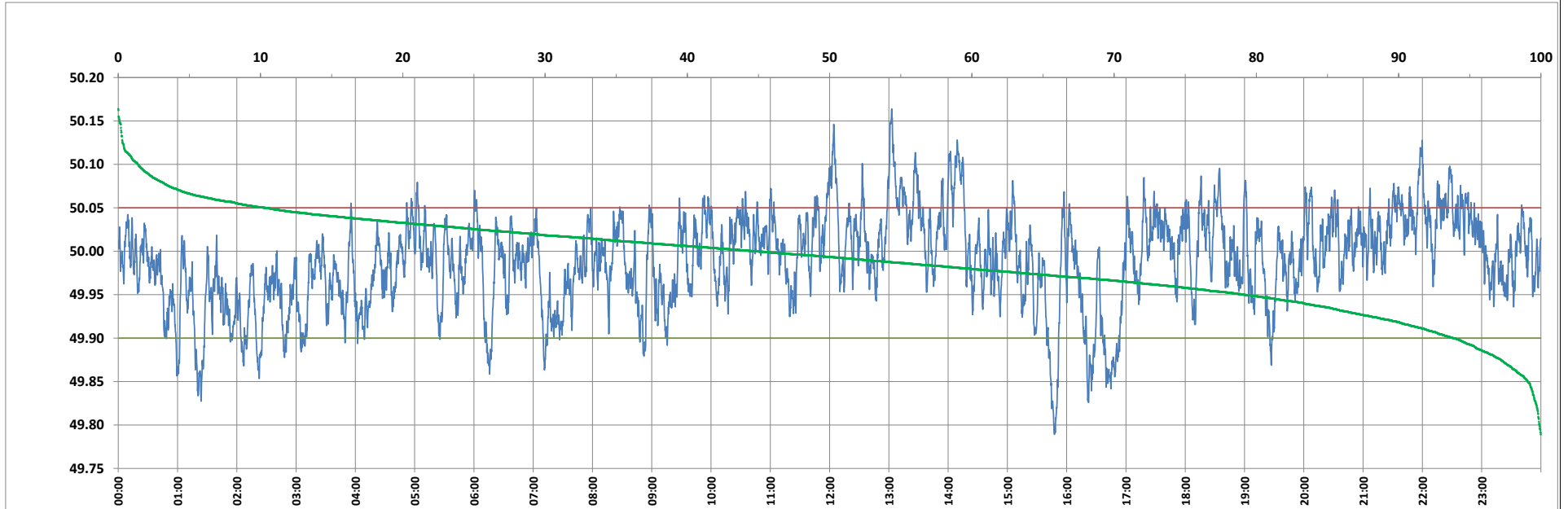


GRID CONTROLLER OF INDIA LIMITED
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Jul-2023 (Friday)



<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	6.12	32.80	0.10	6.02	49.05	43.44	1.39	83.47	100.00	45.20	9.02	44.83	22.00	10.41	0.00	20.86	68.74	14.73

Average Frequency : 49.989	Frequency Variation Index : 0.0293	Standard Deviation : 0.0530	Mileage: 46.4	FDI: 16.5
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Instantaneous Frequency		
Max	50.164	13:02:50
Min	49.789	15:47:30

15 minute Average Frequency			
Max	50.092	14:15:00	
Min	49.885	16:30:00	

No. of excursions	
above 50.03 Hz	164
below 49.97 Hz	163
above 50.00 Hz	189
below 50.00 Hz	188

Average time freq per excursion remains	
below 49.97	0:02:54
above 50.03	0:01:56

No. of hours freq outside 49.9-50.05 Hz	3:58:00
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Source : AGRA 10 Sec. (8640 samples)