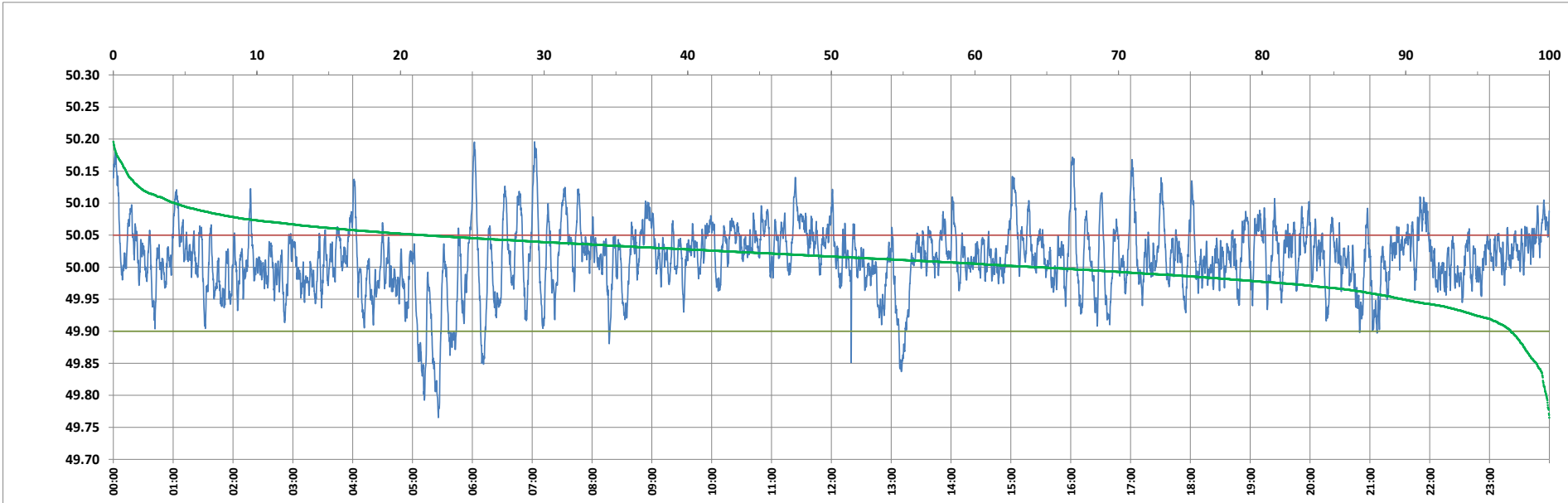


GRID CONTROLLER OF INDIA LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Jan-2024 (Wednesday)



<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	2.67	16.25	0.22	2.45	32.99	60.06	4.28	75.73	100.00	45.82	17.31	64.34	37.93	21.60	0.00	10.20	68.21	7.52

Average Frequency : 50.014	Frequency Variation Index : 0.0298	Standard Deviation : 0.0530	Mileage: 50.0	FDI: 24.3
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Instantaneous Frequency		
Max	50.196	7:02:20
Min	49.765	5:25:50

15 minute Average Frequency			
Max	50.067	0:15:00	
Min	49.875	5:30:00	

No. of excursions	
above 50.03 Hz	223
below 49.97 Hz	124
above 50.00 Hz	205
below 50.00 Hz	204

Average time freq per excursion remains	
below 49.97	0:01:53
above 50.03	0:02:27

No. of hours freq outside 49.9-50.05 Hz	5:49:30
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Source : AGRA 10 Sec. (8640 samples)