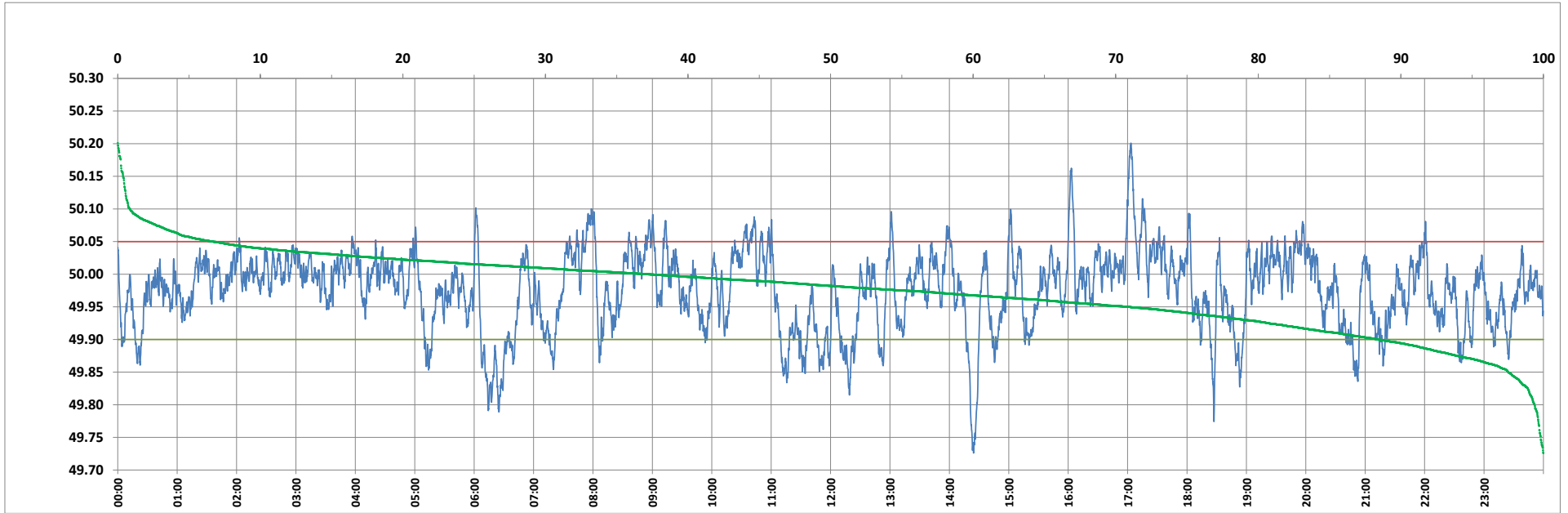


GRID CONTROLLER OF INDIA LIMITED  
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Sep-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	11.64	41.59	0.61	11.03	51.17	36.33	0.84	81.69	99.99	43.06	5.81	37.19	15.36	6.67	0.01	29.14	64.19	17.50

Average Frequency : 49.975	Frequency Variation Index : 0.0409	Standard Deviation : 0.0591	Mileage: 42.8	FDI: 18.3
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Instantaneous Frequency		
Max	50.201	17:03:20
Min	49.726	14:24:20

15 minute Average Frequency			
Max	50.097	17:15:00	
Min	49.827	14:30:00	

No. of excursions	
above 50.03 Hz	125
below 49.97 Hz	133
above 50.00 Hz	169
below 50.00 Hz	168

Average time freq per excursion remains	
below 49.97	0:04:30
above 50.03	0:01:46

No. of hours freq outside 49.9-50.05 Hz	4:23:40
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Source : AGRA 10 Sec. (8640 samples)