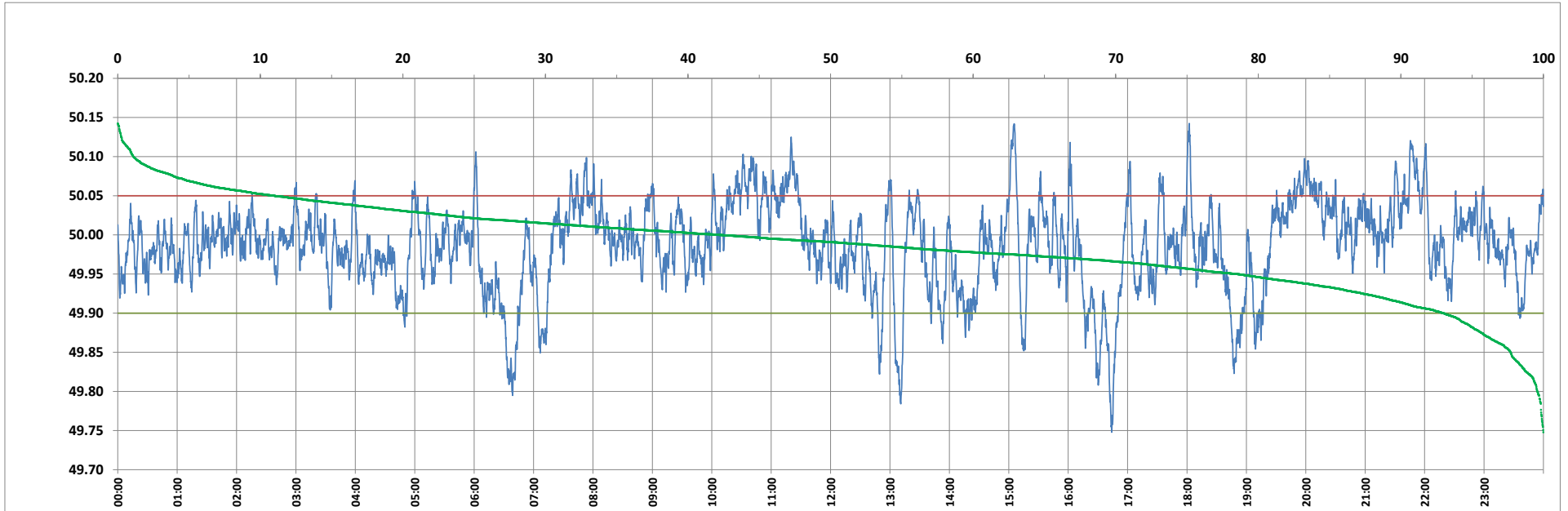


GRID CONTROLLER OF INDIA LIMITED  
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Sep-2023 (Tuesday)



<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	7.01	32.97	0.43	6.59	50.84	41.04	1.10	82.01	100.00	46.74	9.87	42.14	20.29	10.97	0.00	21.55	67.48	14.54

Average Frequency : 49.986	Frequency Variation Index : 0.0333	Standard Deviation : 0.0560	Mileage: 43.2	FDI: 18.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.142	18:02:10
Min	49.748	16:43:50

15 minute Average Frequency		
Max	50.077	22:00:00
Min	49.844	6:45:00

No. of excursions	
above 50.03 Hz	116
below 49.97 Hz	169
above 50.00 Hz	185
below 50.00 Hz	184

Average time freq per excursion remains	
below 49.97	0:02:49
above 50.03	0:02:31

No. of hours freq outside 49.9-50.05 Hz	4:19:00
---	---------

Source : AGRA 10 Sec. (8640 samples)