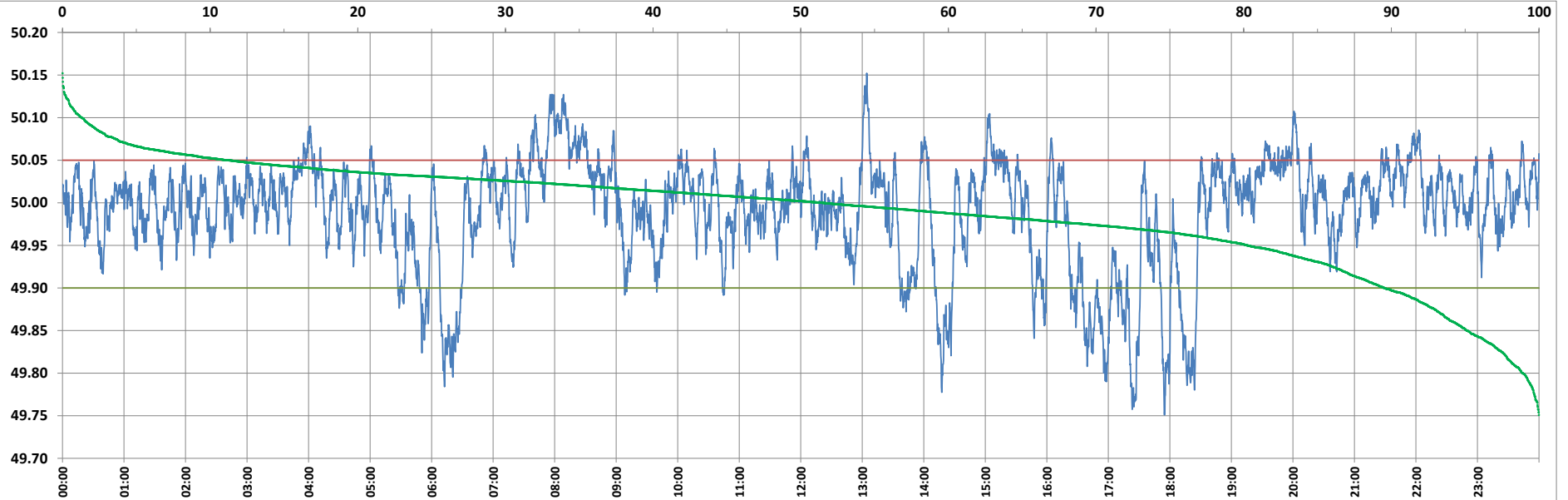


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Oct-2022 (Monday)



<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	10.45	27.62	1.10	9.35	38.04	50.22	1.28	78.39	100.00	46.40	9.87	51.50	25.98	11.16	0.00	19.72	69.12	9.27

Average Frequency : 49.989	Frequency Variation Index : 0.0407	Standard Deviation : 0.0629	Mileage: 47.5	FDI: 21.6
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.152	13:04:20
Min	49.751	17:54:40

15 minute Average Frequency		
Max	50.094	8:15:00
Min	49.826	17:30:00

No. of excursions	
above 50.03 Hz	205
below 49.97 Hz	148
above 50.00 Hz	195
below 50.00 Hz	194

Average time freq per excursion remains	
below 49.97	0:02:41
above 50.03	0:01:50

No. of hours freq outside 49.9-50.05 Hz	5:11:10
---	---------

Source : AGRA 10 Sec. (8640 samples)