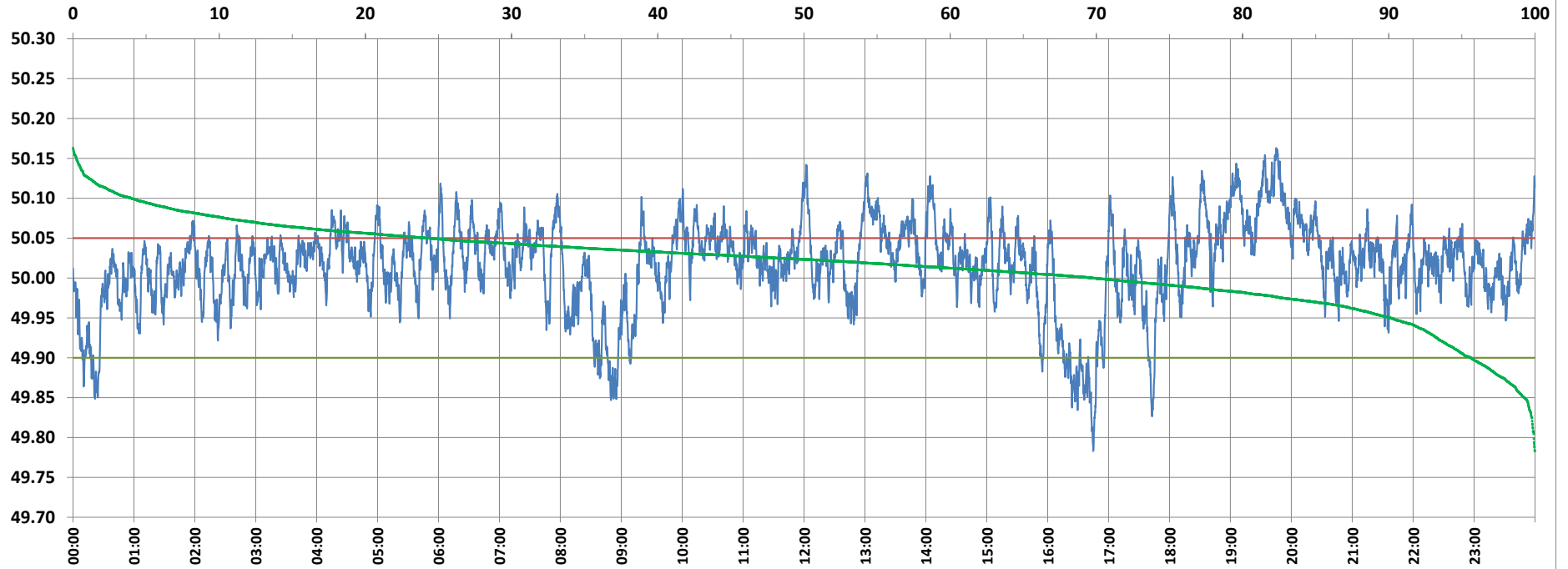


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Oct-2021 (Sunday)



<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	4.39	15.07	0.08	4.31	25.83	65.80	3.98	71.38	100.00	42.18	20.25	69.78	42.75	24.24	0.00	9.88	65.88	5.50

Average Frequency : 50.017	Frequency Variation Index : 0.0314	Standard Deviation : 0.0535	Mileage: 47.4	FDI: 28.6
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.163	19:45:00
Min	49.783	16:44:50

15 minute Average Frequency		
Max	50.122	19:45:00
Min	49.866	16:45:00

No. of excursions	
above 50.03 Hz	242
below 49.97 Hz	106
above 50.00 Hz	171
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:02:03
above 50.03	0:02:33

No. of hours freq outside 49.9-50.05 Hz	6:52:10
---	---------

Source : AGRA 10 Sec. (8640 samples)