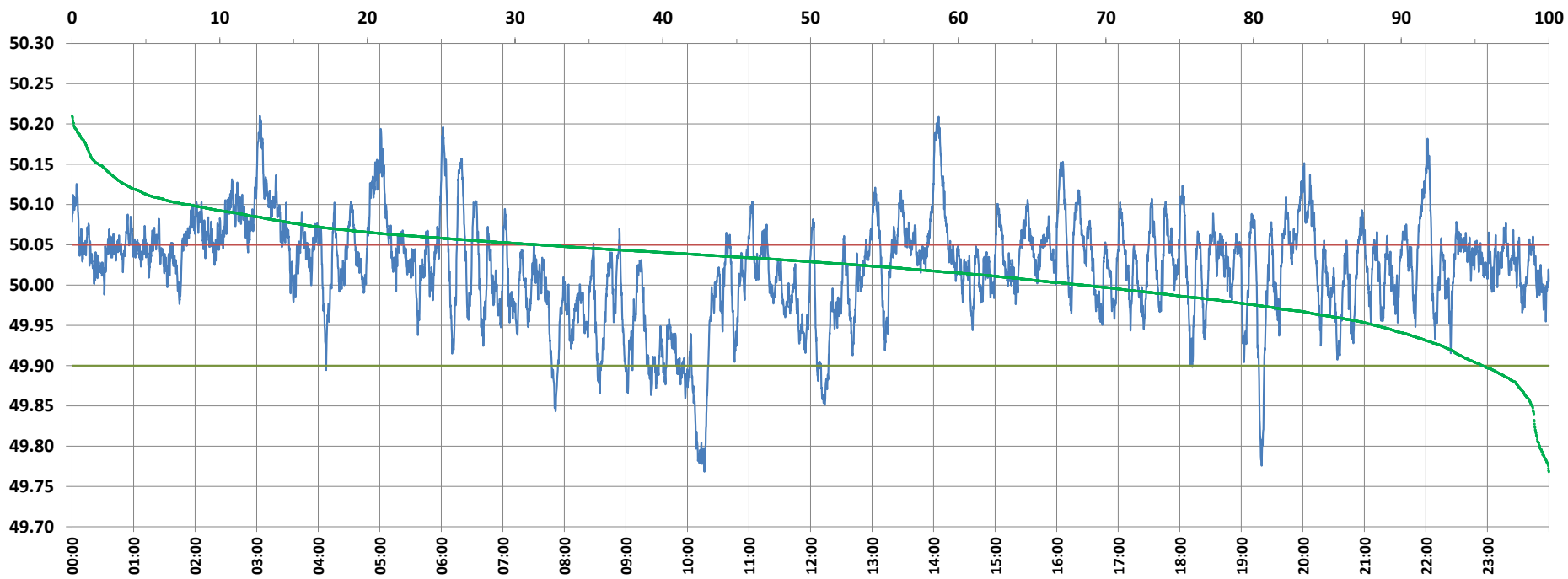


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Dec-2021 (Friday)



<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	4.53	18.03	0.63	3.90	27.00	60.67	7.69	63.87	99.88	32.71	23.82	68.47	49.26	31.61	0.12	11.82	56.57	7.29

Average Frequency : 50.021	Frequency Variation Index : 0.0439	Standard Deviation : 0.0629	Mileage: 46.7	FDI: 36.1
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.210	3:03:00
Min	49.768	10:16:30

15 minute Average Frequency		
Max	50.140	3:15:00
Min	49.841	10:15:00

No. of excursions	
above 50.03 Hz	181
below 49.97 Hz	98
above 50.00 Hz	130
below 50.00 Hz	129

Average time freq per excursion remains	
below 49.97	0:02:39
above 50.03	0:03:55

No. of hours freq outside 49.9-50.05 Hz	8:40:20
-----------------------------------------	---------

Source : AGRA 10 Sec. (8640 samples)