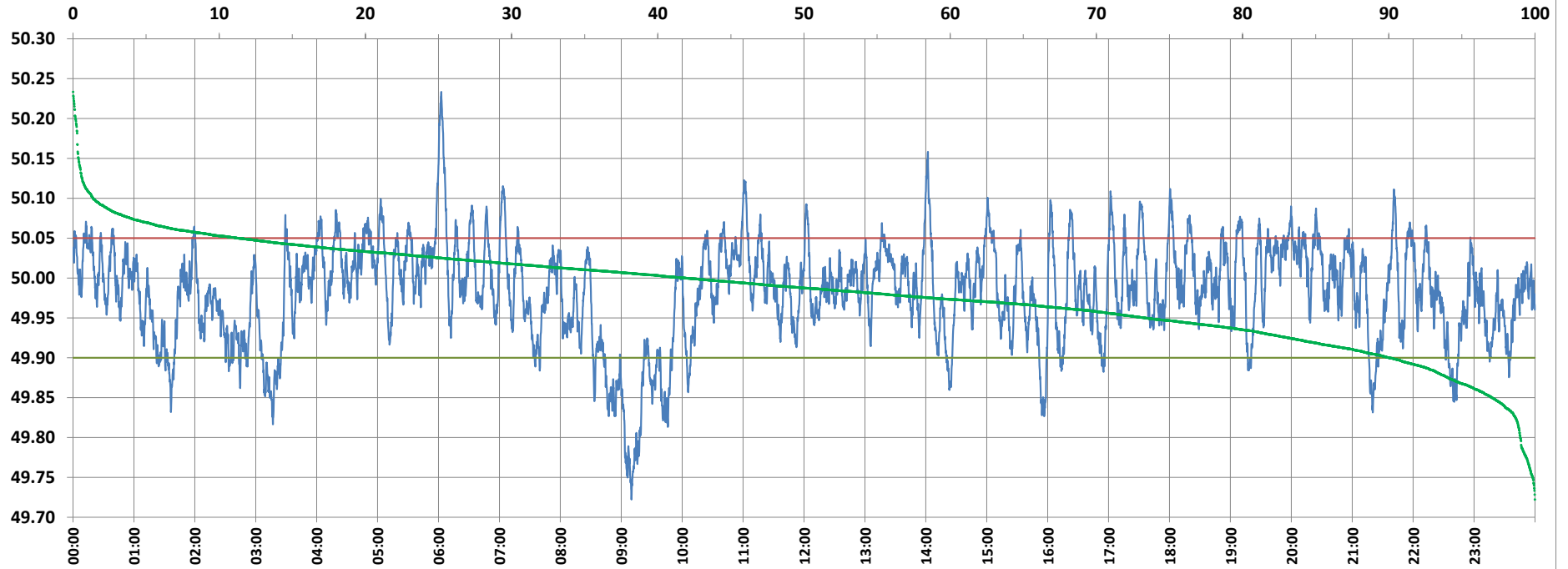


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Dec-2021 (Saturday)



<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	9.99	37.26	1.01	8.98	48.15	40.49	1.22	78.77	99.84	40.51	9.86	41.86	22.23	11.24	0.16	26.70	62.06	16.71

Average Frequency : 49.982	Frequency Variation Index : 0.0423	Standard Deviation : 0.0626	Mileage: 45.9	FDI: 21.2
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency	
Max	50.233 6:02:40
Min	49.722 9:10:00

15 minute Average Frequency	
Max	50.077 6:15:00
Min	49.782 9:15:00

No. of excursions	
above 50.03 Hz	128
below 49.97 Hz	173
above 50.00 Hz	166
below 50.00 Hz	165

Average time freq per excursion remains	
below 49.97	0:03:06
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	5:05:40
---	---------

Source : AGRA 10 Sec. (8640 samples)