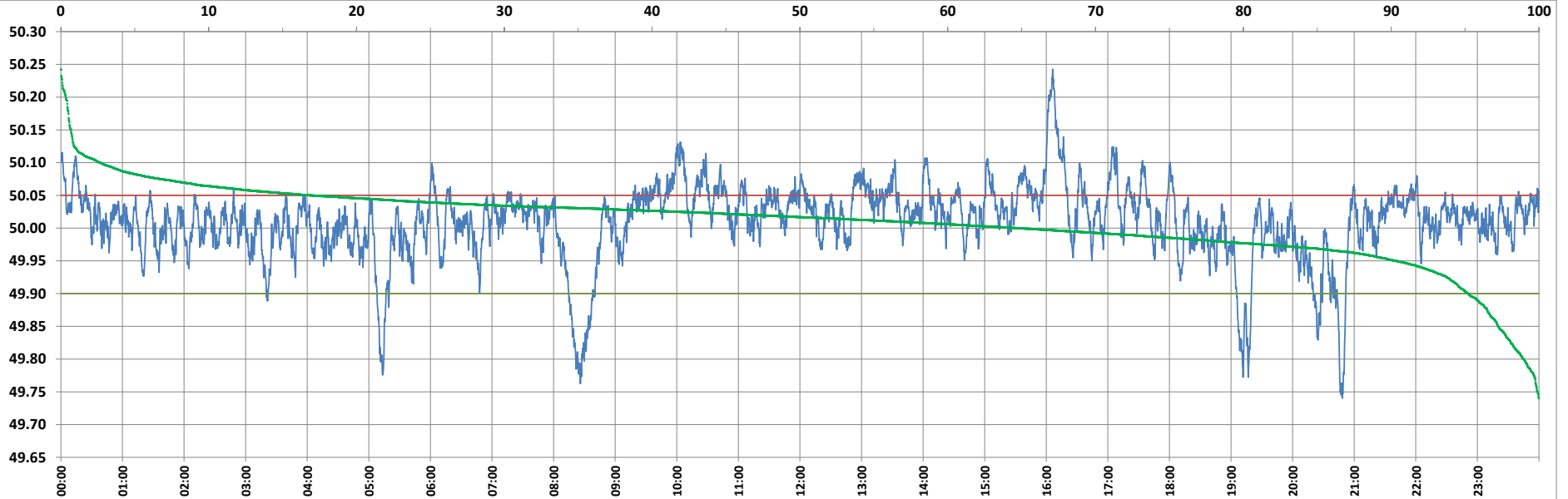


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Sep-2022 (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	4.79	15.75	1.04	3.75	30.50	62.05	2.33	78.31	99.66	48.45	14.24	64.71	35.80	16.90	0.34	9.69	73.41	4.90

Average Frequency : 50.009	Frequency Variation Index : 0.0328	Standard Deviation : 0.0568	Mileage: 45.1	FDI: 21.7
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Instantaneous Frequency	
Max	50.242 16:06:20
Min	49.740 20:48:20

15 minute Average Frequency	
Max	50.169 16:15:00
Min	49.819 8:30:00

No. of excursions	
above 50.03 Hz	244
below 49.97 Hz	122
above 50.00 Hz	190
below 50.00 Hz	189

Average time freq per excursion remains	
below 49.97	0:01:52
above 50.03	0:02:07

No. of hours freq outside 49.9-50.05 Hz	5:12:20
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Source : BARH 10 Sec. (8640 samples)