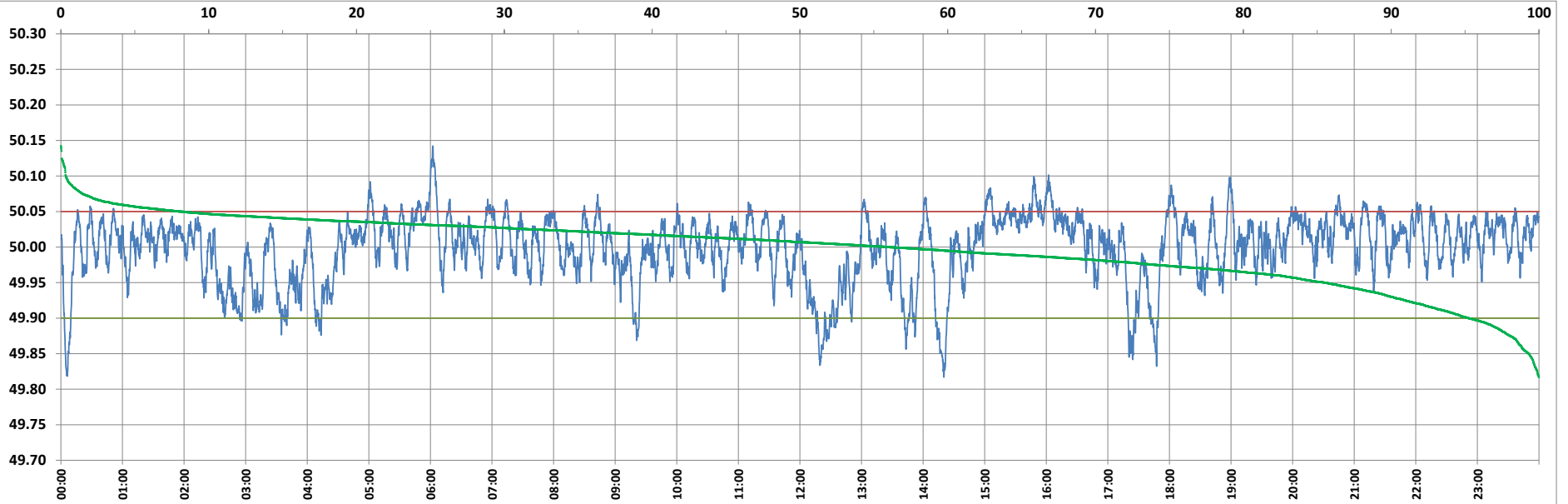


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Sep-2022 (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	4.76	22.66	0.00	4.76	39.25	55.66	0.34	87.12	100.00	50.69	7.79	56.00	26.64	8.13	0.00	14.50	77.37	9.75

Average Frequency : 49.998	Frequency Variation Index : 0.0222	Standard Deviation : 0.0471	Mileage: 41.4	FDI: 12.9
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Instantaneous Frequency		
Max	50.142	6:02:20
Min	49.817	14:20:10

15 minute Average Frequency		
Max	50.059	16:00:00
Min	49.877	12:30:00

No. of excursions	
above 50.03 Hz	194
below 49.97 Hz	119
above 50.00 Hz	182
below 50.00 Hz	181

Average time freq per excursion remains	
below 49.97	0:02:45
above 50.03	0:01:59

No. of hours freq outside 49.9-50.05 Hz	3:05:30
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Source : BHADRAWATHI 10 Sec. (8640 samples)