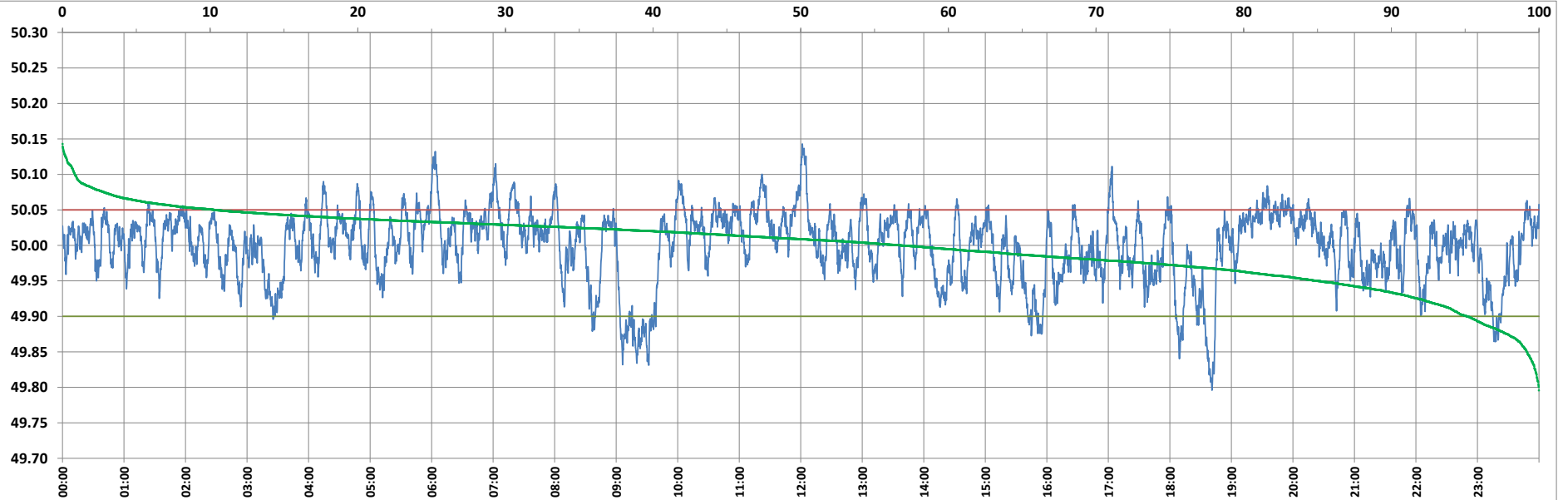


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Oct-2022 (Tuesday)



<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	4.84	23.56	0.01	4.83	38.34	55.97	0.84	84.83	100.00	47.74	9.49	56.82	28.69	10.34	0.00	15.00	74.66	10.16

Average Frequency : 49.999	Frequency Variation Index : 0.0243	Standard Deviation : 0.0492	Mileage: 43.3	FDI: 15.2
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Instantaneous Frequency		
Max	50.143	12:01:00
Min	49.796	18:41:00

15 minute Average Frequency		
Max	50.063	12:15:00
Min	49.866	18:45:00

No. of excursions	
above 50.03 Hz	228
below 49.97 Hz	127
above 50.00 Hz	161
below 50.00 Hz	160

Average time freq per excursion remains	
below 49.97	0:02:40
above 50.03	0:01:49

No. of hours freq outside 49.9-50.05 Hz	3:38:30
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Source : AGRA 10 Sec. (8640 samples)