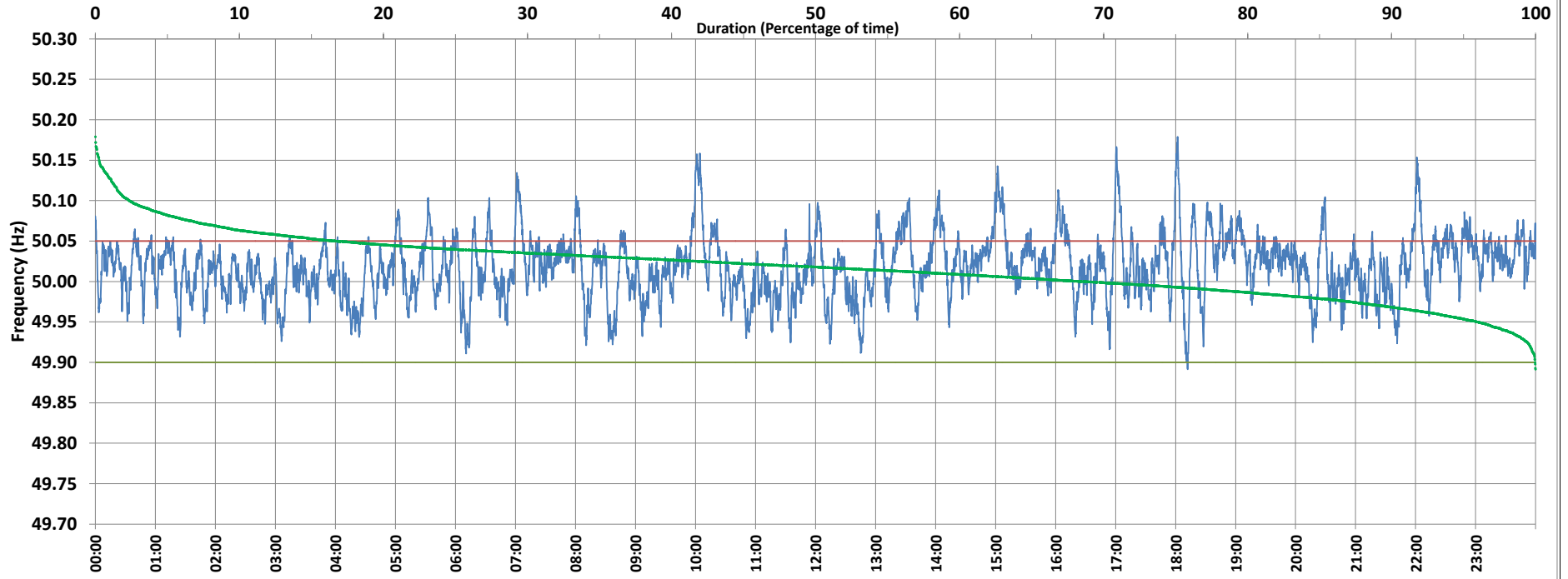


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Oct-2020 (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	0.05	10.69	0.00	0.05	31.37	66.23	2.36	83.26	100.00	53.34	14.36	68.41	35.96	16.69	0.00	10.00	79.29	9.95

Average Frequency : 50.017	Frequency Variation Index : 0.0179	Standard Deviation : 0.0386	Mileage: 47.3	FDI: 16.7
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Instantaneous Frequency		
Max	50.179	18:02:00
Min	49.892	18:12:00

15 minute Average Frequency		
Max	50.076	10:15:00
Min	49.962	4:30:00

No. of excursions	
above 50.03 Hz	261
below 49.97 Hz	105
above 50.00 Hz	235
below 50.00 Hz	236

Average time freq per excursion remains	
below 49.97	0:01:28
above 50.03	0:01:59

No. of hours freq outside 49.9-50.05 Hz	4:01:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)