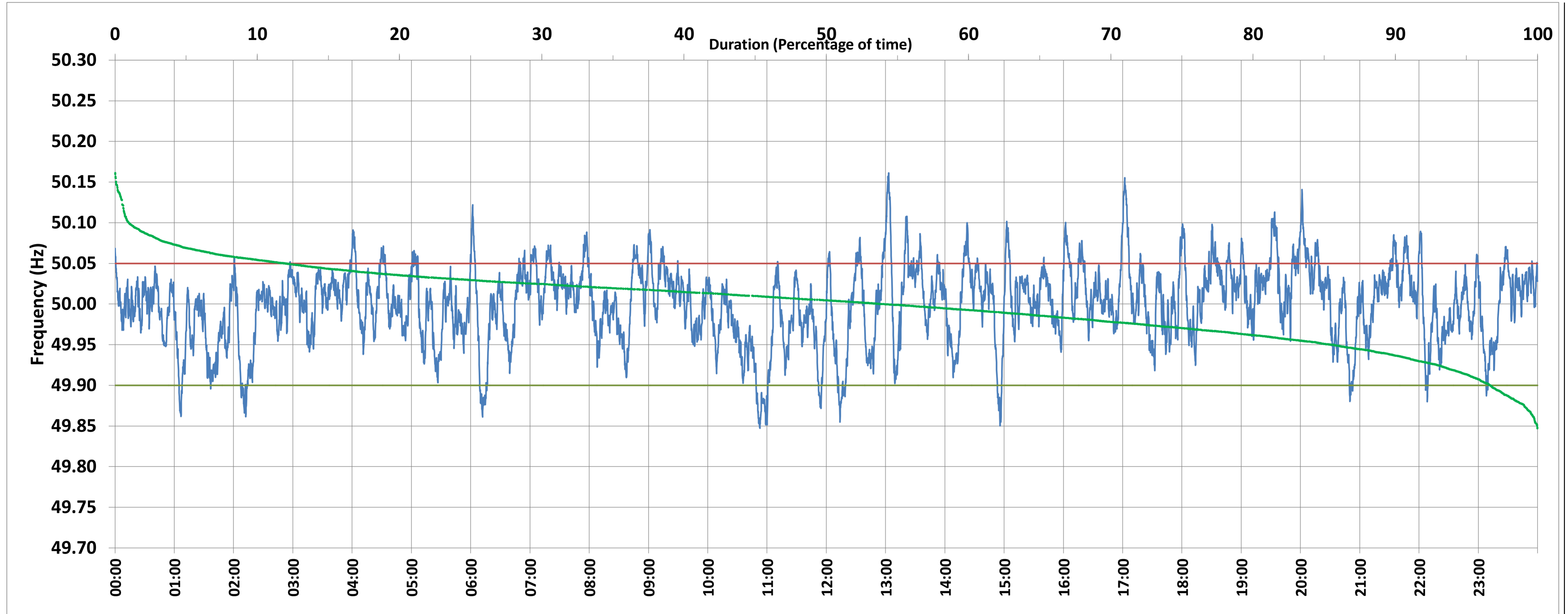


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Oct-2020 (Friday)



<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	3.31	24.61	0.00	3.31	42.55	53.18	0.96	84.70	100.00	50.63	11.08	54.03	24.77	11.99	0.00	14.40	73.61	11.09

Average Frequency : 49.999	Frequency Variation Index : 0.0221	Standard Deviation : 0.0470	Mileage: 45.7	FDI: 15.3
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Instantaneous Frequency		
Max	50.161	13:03:00
Min	49.847	10:52:40

15 minute Average Frequency		
Max	50.062	20:15:00
Min	49.888	11:00:00

No. of excursions	
above 50.03 Hz	195
below 49.97 Hz	142
above 50.00 Hz	208
below 50.00 Hz	202

Average time freq per excursion remains	
below 49.97	0:02:30
above 50.03	0:01:50

No. of hours freq outside 49.9-50.05 Hz	3:40:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)