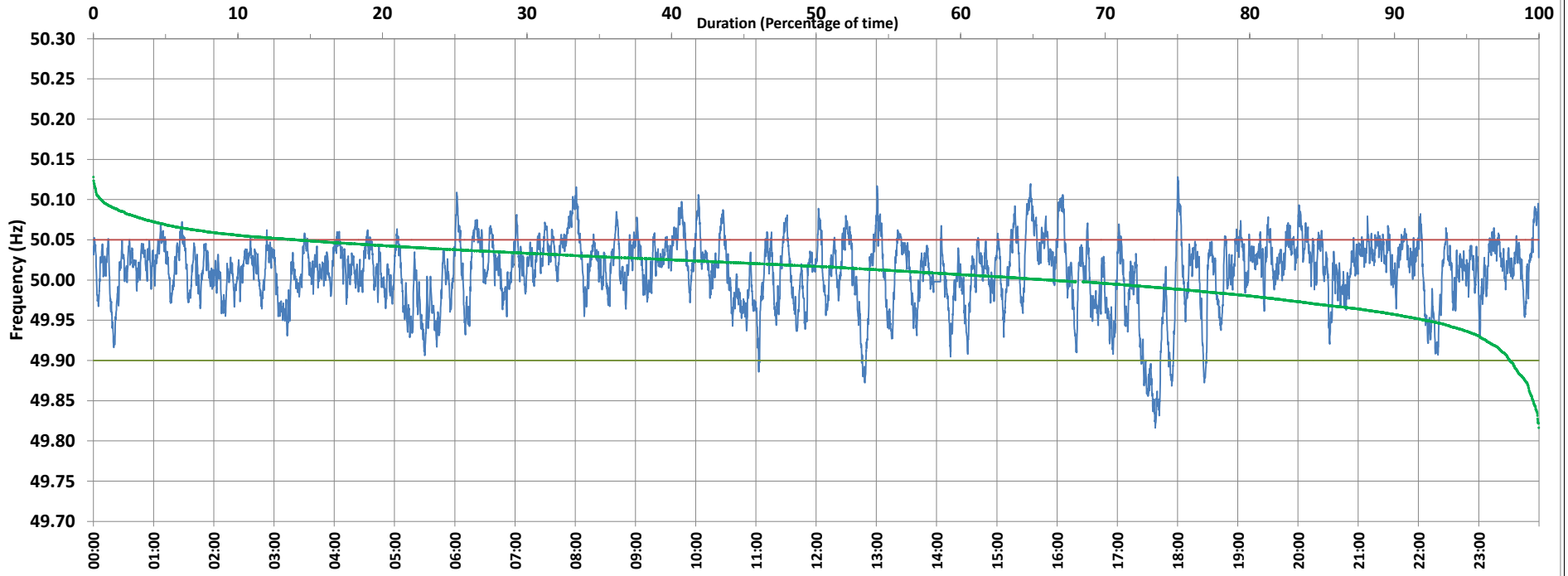


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Oct-2020 (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	2.03	15.25	0.00	2.03	31.75	65.67	0.56	83.95	100.00	51.04	13.52	66.16	33.70	14.03	0.00	7.88	78.09	5.86

Average Frequency : 50.011	Frequency Variation Index : 0.0186	Standard Deviation : 0.0418	Mileage: 46.1	FDI: 16.1
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Instantaneous Frequency		
Max	50.128	18:00:10
Min	49.816	17:37:50

15 minute Average Frequency		
Max	50.069	15:45:00
Min	49.865	17:45:00

No. of excursions	
above 50.03 Hz	271
below 49.97 Hz	105
above 50.00 Hz	213
below 50.00 Hz	210

Average time freq per excursion remains	
below 49.97	0:02:06
above 50.03	0:01:47

No. of hours freq outside 49.9-50.05 Hz	3:51:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)