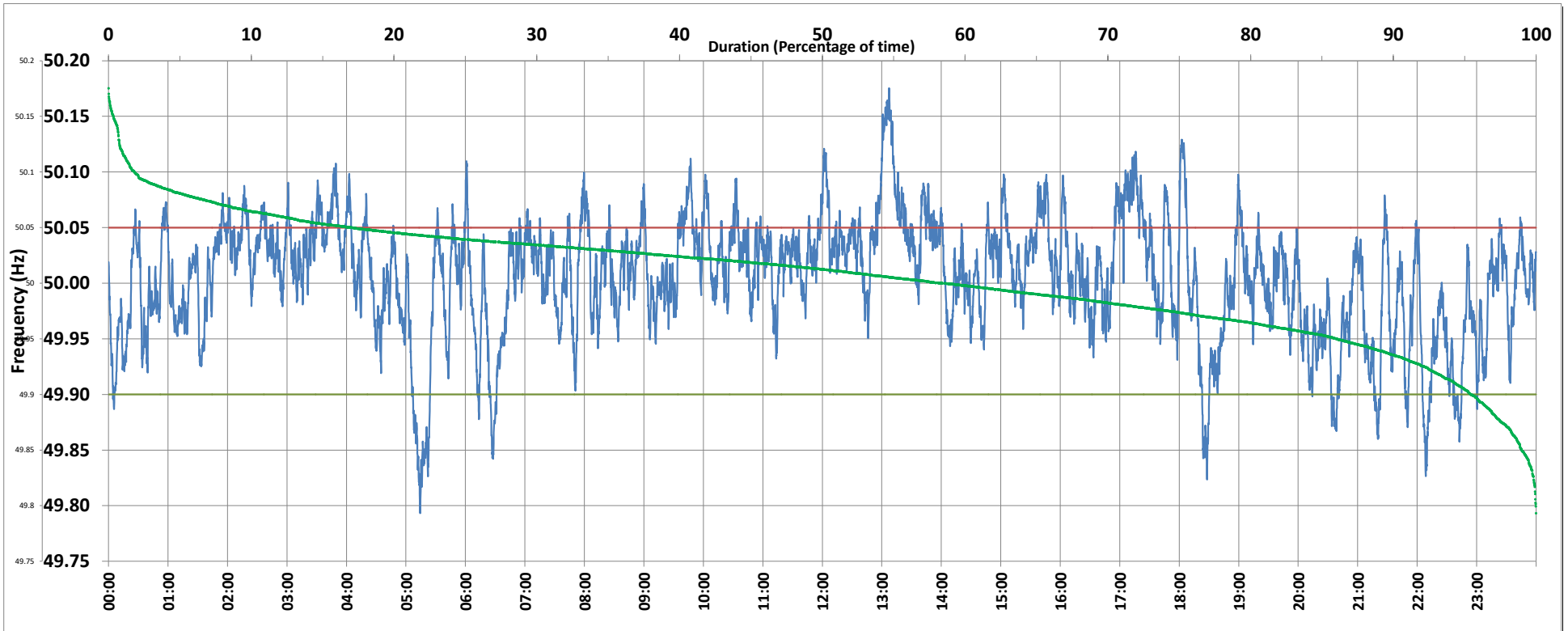


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Oct-2019 (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	4.56	23.16	0.02	4.54	36.86	56.76	1.82	78.40	100.00	42.42	15.28	58.38	34.42	17.04	0.00	13.94	69.03	9.38

Average Frequency : 50.005	Frequency Variation Index : 0.0286	Standard Deviation : 0.0533	Mileage: 47.8	FDI: 21.6
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Instantaneous Frequency		
Max	50.175	13:07:10
Min	49.793	5:14:10

15 minute Average Frequency		
Max	50.133	13:15:00
Min	49.901	5:30:00

No. of excursions	
above 50.03 Hz	222
below 49.97 Hz	128
above 50.00 Hz	181
below 50.00 Hz	178

Average time freq per excursion remains	
below 49.97	0:02:36
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	5:11:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)