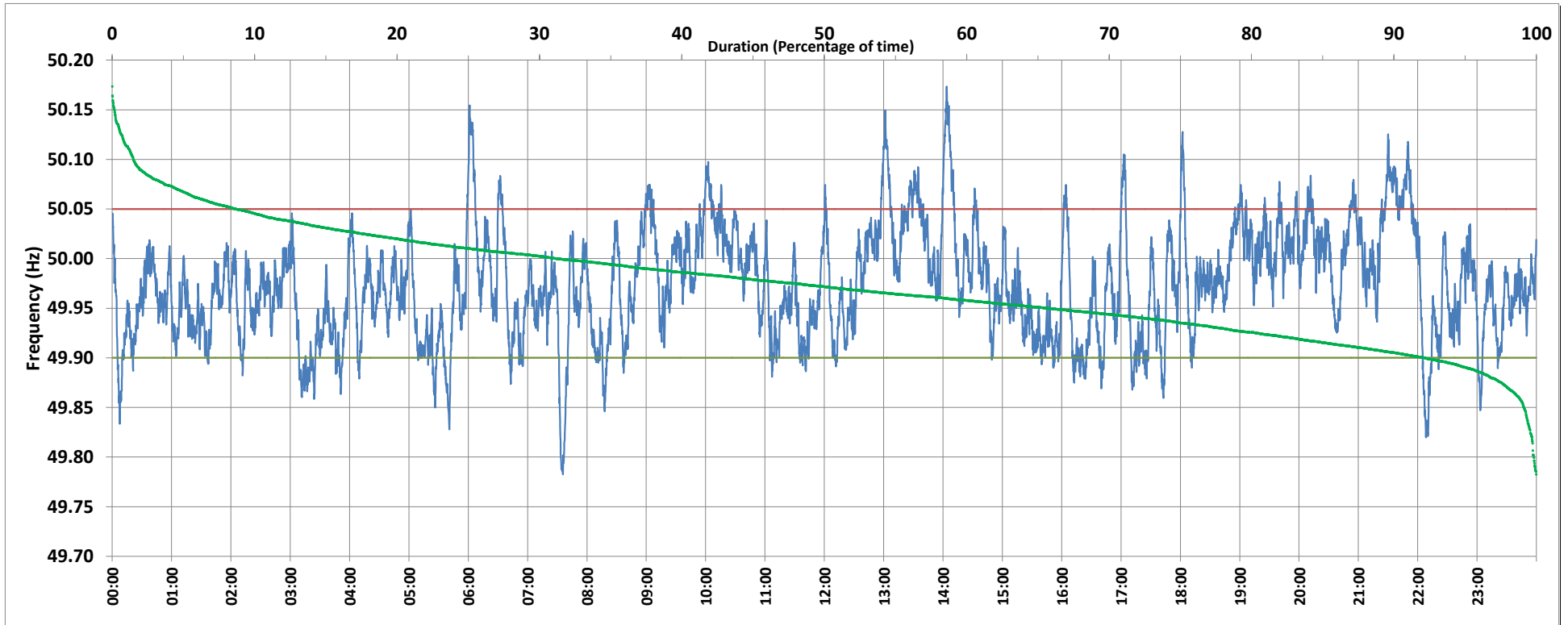


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Nov-2018 (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	7.79	48.95	0.17	7.62	60.93	29.79	1.49	83.53	100.00	35.68	7.21	31.23	15.37	8.68	0.00	34.29	57.03	26.50

Average Frequency : 49.974	Frequency Variation Index : 0.0372	Standard Deviation : 0.0551	Mileage: 48.6	FDI: 16.5
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Instantaneous Frequency		
Max	50.174	14:03:40
Min	49.783	7:35:40

15 minute Average Frequency		
Max	50.087	14:15:00
Min	49.886	7:45:00

No. of excursions	
above 50.03 Hz	102
below 49.97 Hz	170
above 50.00 Hz	155
below 50.00 Hz	153

Average time freq per excursion remains	
below 49.97	0:04:09
above 50.03	0:02:10

No. of hours freq outside 49.9-50.05 Hz	3:57:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)