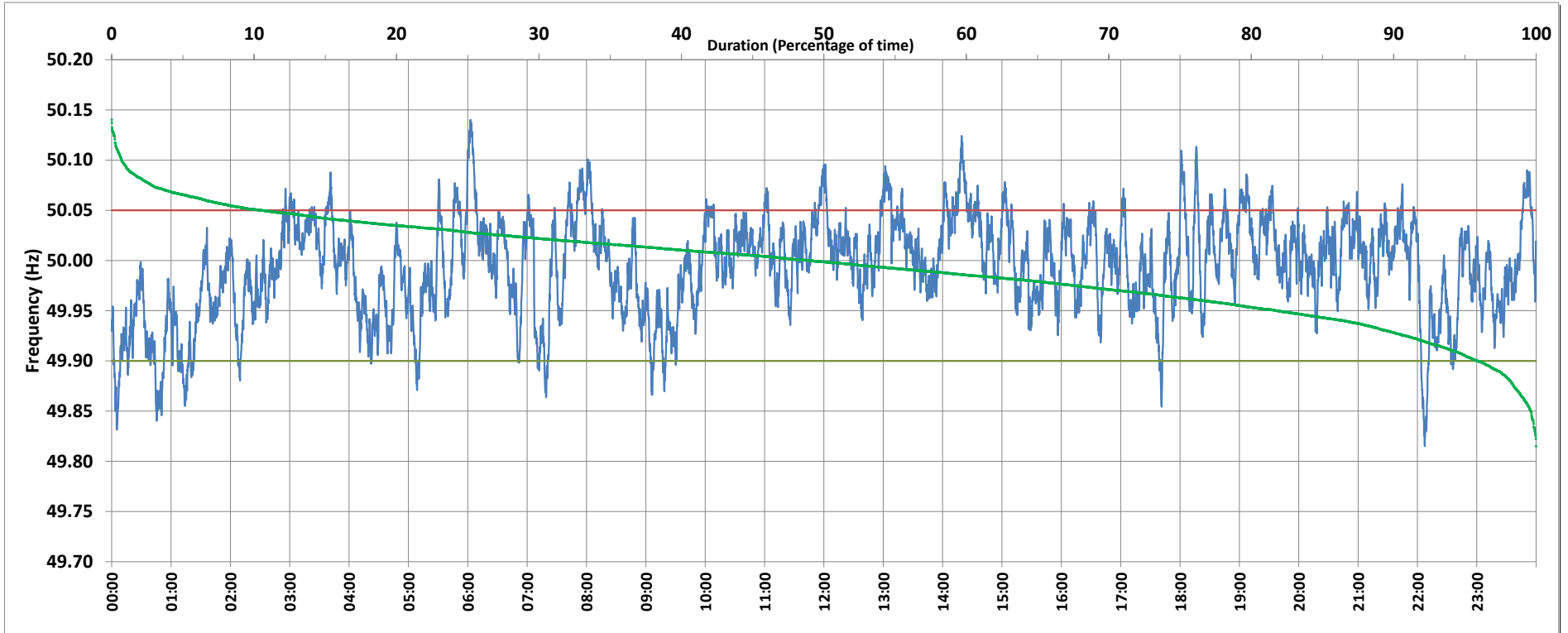


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Oct-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
0.0	4.1	29.1	0.0	4.1	46.8	48.4	0.7	85.3	100.0	47.0	9.9	49.1	23.9	10.5	0.0	18.2	71.3	14.1

Average Frequency : 49.994	Frequency Variation Index : 0.024	Standard Deviation : 0.049	Mileage: 46.7	FDI: 14.7
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Instantaneous Frequency		
Max	50.140	6:02:40
Min	49.815	22:07:20

15 minute Average Frequency		
Max	50.072	14:30:00
Min	49.900	0:15:00

No. of excursions	
above 50.03 Hz	171
below 49.97 Hz	152
above 50.00 Hz	181
below 50.00 Hz	181

Average time freq per excursion remains	
below 49.97	0:02:46
above 50.03	0:02:01

No. of hours freq outside 49.9-50.05 Hz	3:31:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)