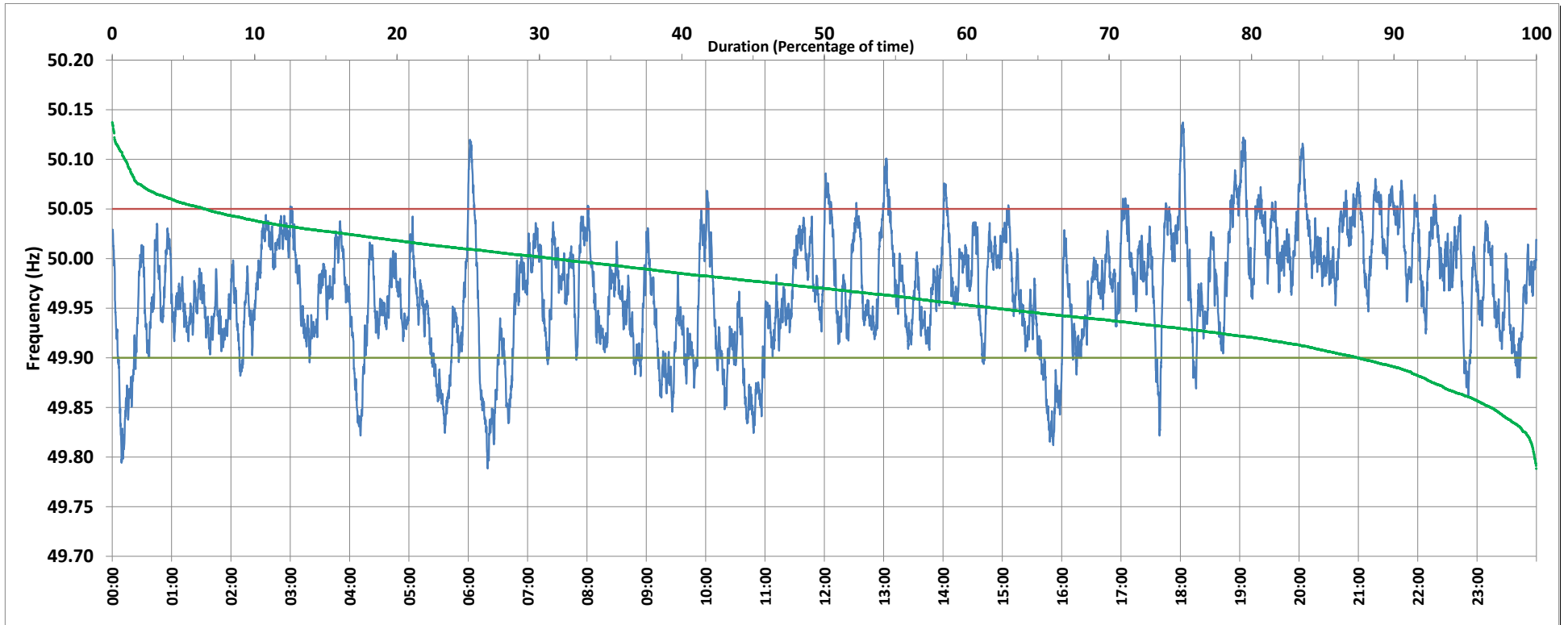


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Oct-2018 (Wednesday)



<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	12.5	49.8	0.1	12.4	56.4	30.2	0.9	81.0	100.0	36.6	5.7	31.0	13.6	6.5	0.0	37.9	55.6	25.4

Average Frequency : 49.967	Frequency Variation Index : 0.044	Standard Deviation : 0.058	Mileage: 43.1	FDI: 19.0
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Instantaneous Frequency		
Max	50.137	18:02:30
Min	49.788	6:19:30

15 minute Average Frequency		
Max	50.052	21:45:00
Min	49.837	6:30:00

No. of excursions	
above 50.03 Hz	103
below 49.97 Hz	148
above 50.00 Hz	136
below 50.00 Hz	132

Average time freq per excursion remains	
below 49.97	0:04:51
above 50.03	0:01:54

No. of hours freq outside 49.9-50.05 Hz	4:34:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)