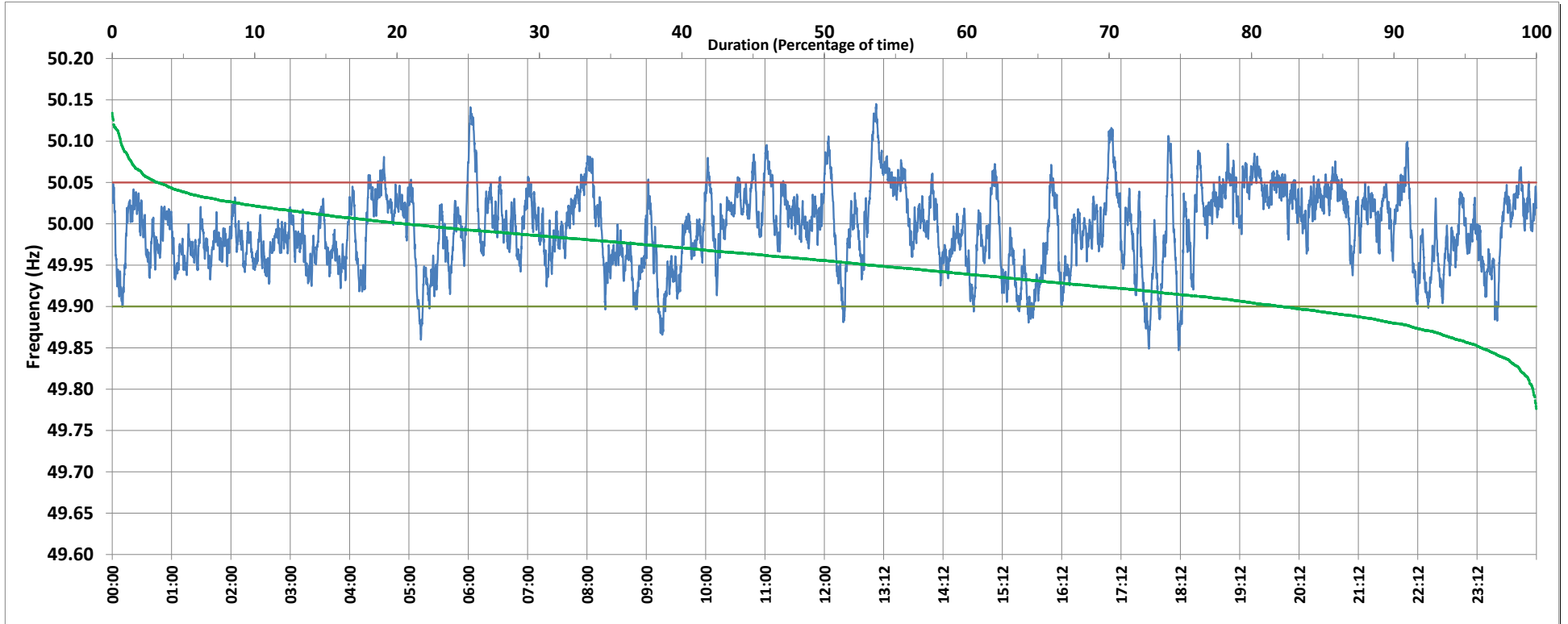


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-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	2.5	30.6	0.0	2.5	50.3	46.0	1.1	86.7	100.0	46.4	9.7	47.0	23.0	10.8	0.0	17.8	71.4	15.3

Average Frequency : 49.994	Frequency Variation Index : 0.022	Standard Deviation : 0.047	Mileage: 45.2	FDI: 13.3
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Instantaneous Frequency		
Max	50.145	13:05:00
Min	49.847	18:10:50

15 minute Average Frequency		
Max	50.091	13:00:00
Min	49.916	15:30:00

No. of excursions	
above 50.03 Hz	159
below 49.97 Hz	159
above 50.00 Hz	185
below 50.00 Hz	180

Average time freq per excursion remains	
below 49.97	0:02:46
above 50.03	0:02:05

No. of hours freq outside 49.9-50.05 Hz	3:11:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)