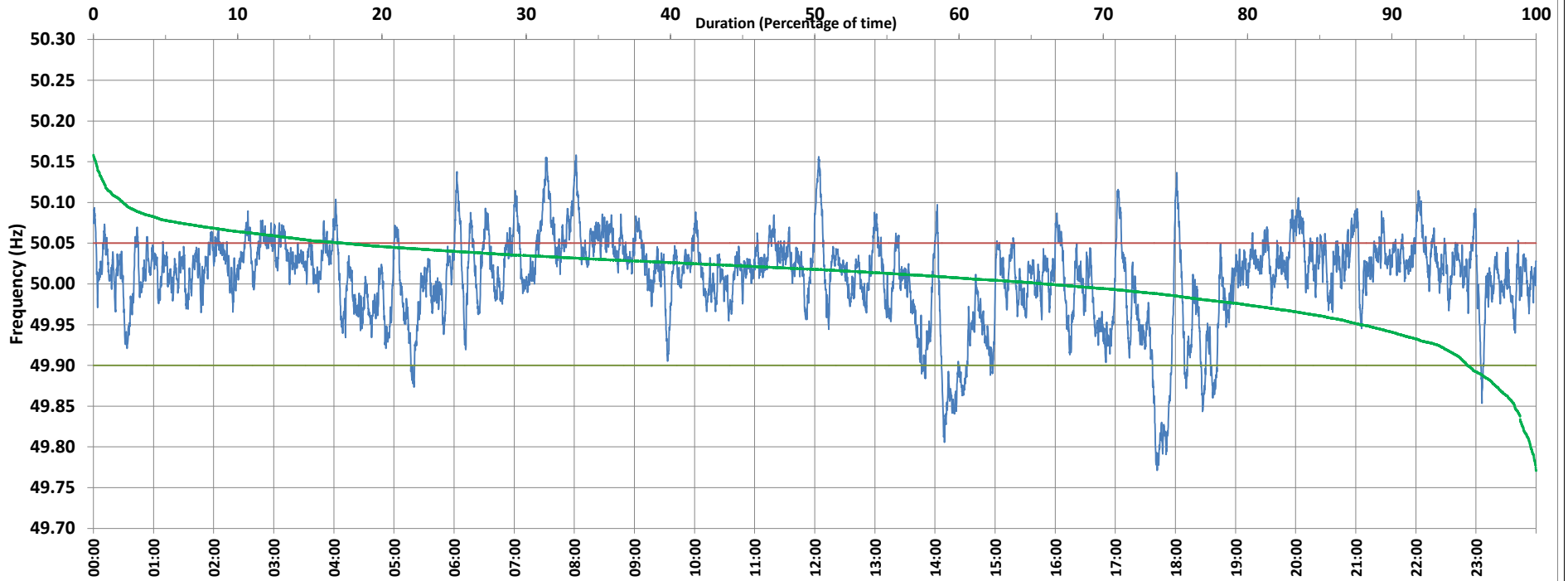


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Oct-2020 (Tuesday)



<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	4.75	18.24	0.38	4.36	29.14	64.06	2.05	77.86	100.00	46.34	15.43	66.03	35.42	17.40	0.00	12.13	70.47	7.38

Average Frequency : 50.009	Frequency Variation Index : 0.0289	Standard Deviation : 0.0531	Mileage: 46.3	FDI: 22.1
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Instantaneous Frequency		
Max	50.158	8:01:40
Min	49.771	17:41:40

15 minute Average Frequency		
Max	50.084	7:45:00
Min	49.869	14:30:00

No. of excursions	
above 50.03 Hz	262
below 49.97 Hz	98
above 50.00 Hz	172
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:02:41
above 50.03	0:01:57

No. of hours freq outside 49.9-50.05 Hz	5:18:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)