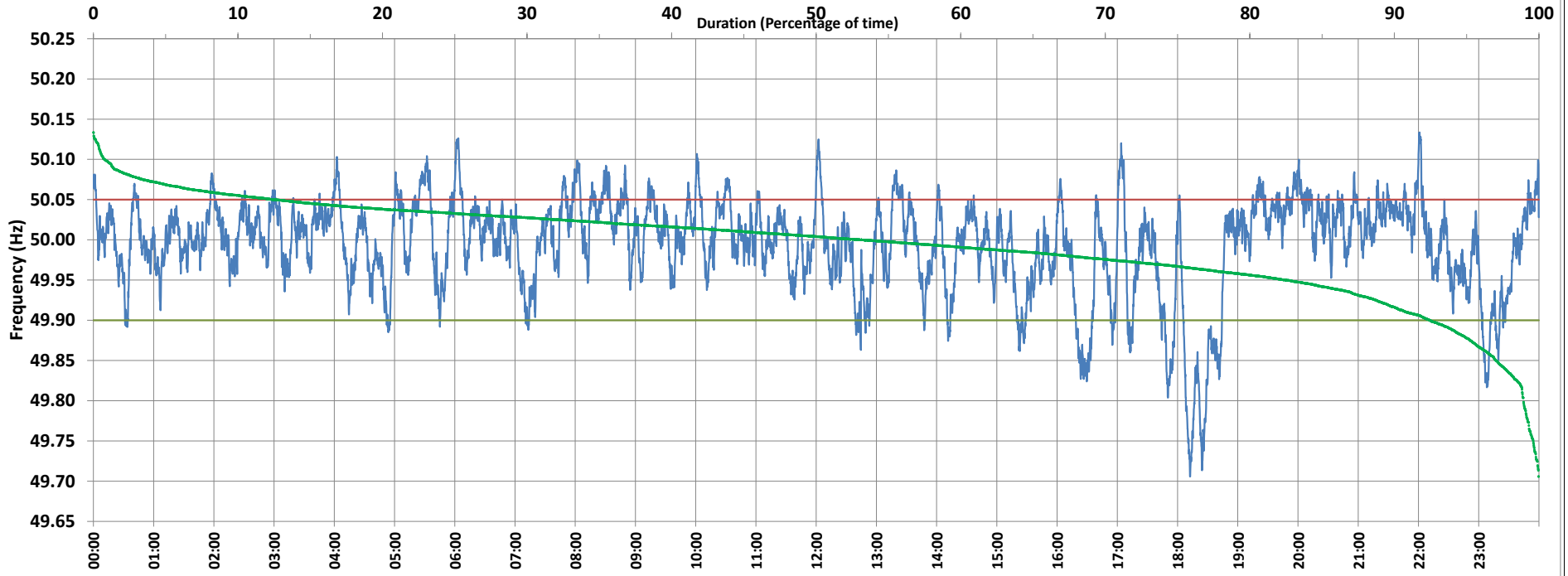


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Oct-2020 (Monday)



<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	7.53	26.64	1.06	6.47	39.20	52.50	0.76	79.93	100.00	45.87	11.85	53.13	27.49	12.53	0.00	17.51	69.95	9.98

Average Frequency : 49.994	Frequency Variation Index : 0.0352	Standard Deviation : 0.0590	Mileage: 47.6	FDI: 20.1
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Instantaneous Frequency		
Max	50.134	22:01:00
Min	49.706	18:12:20

15 minute Average Frequency		
Max	50.052	20:00:00
Min	49.791	18:30:00

No. of excursions	
above 50.03 Hz	209
below 49.97 Hz	128
above 50.00 Hz	182
below 50.00 Hz	180

Average time freq per excursion remains	
below 49.97	0:03:00
above 50.03	0:01:54

No. of hours freq outside 49.9-50.05 Hz	4:49:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)