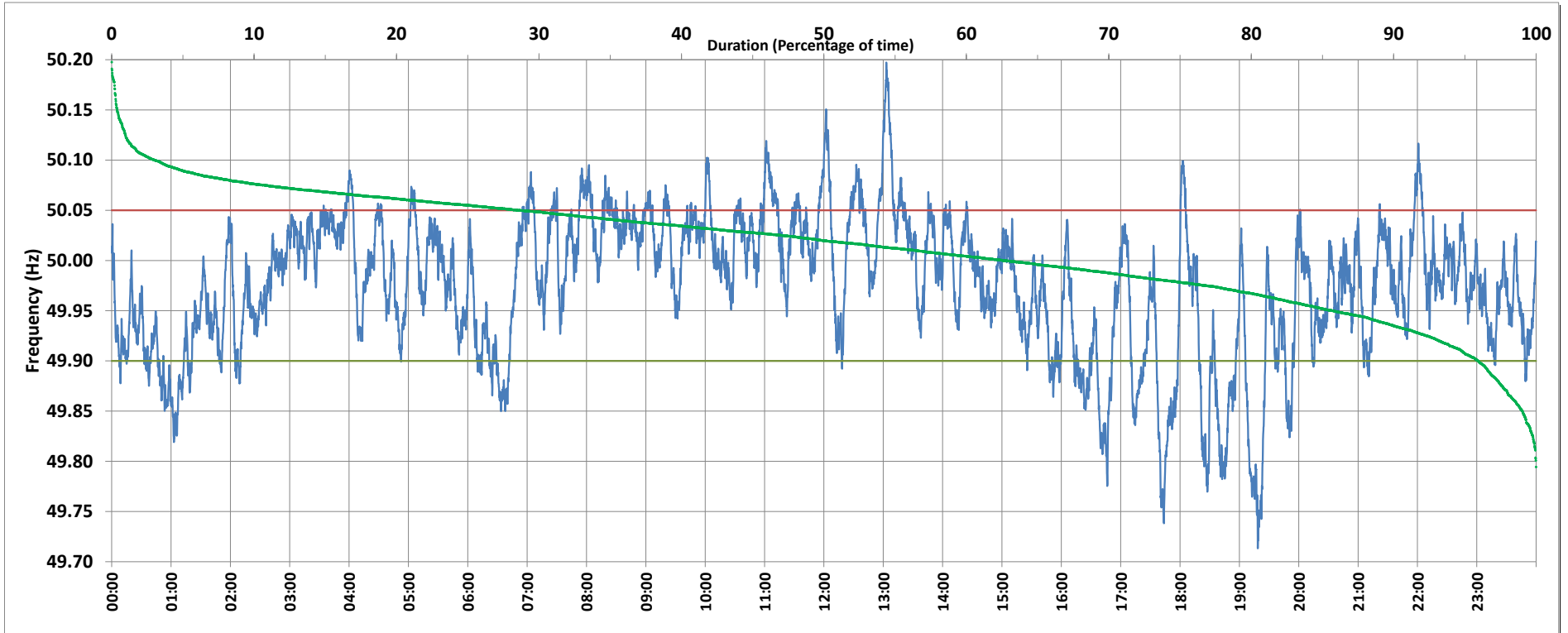


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-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	14.2	42.6	2.0	12.3	44.9	39.5	1.3	75.0	100.0	35.0	9.5	40.7	22.4	10.8	0.0	32.1	57.1	17.9

Average Frequency : 49.975	Frequency Variation Index : 0.054	Standard Deviation : 0.069	Mileage: 43.7	FDI: 25.0
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Instantaneous Frequency		
Max	50.197	13:03:00
Min	49.713	19:18:30

15 minute Average Frequency		
Max	50.107	13:15:00
Min	49.831	19:30:00

No. of excursions	
above 50.03 Hz	130
below 49.97 Hz	105
above 50.00 Hz	140
below 50.00 Hz	140

Average time freq per excursion remains	
below 49.97	0:05:51
above 50.03	0:02:29

No. of hours freq outside 49.9-50.05 Hz	6:00:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)