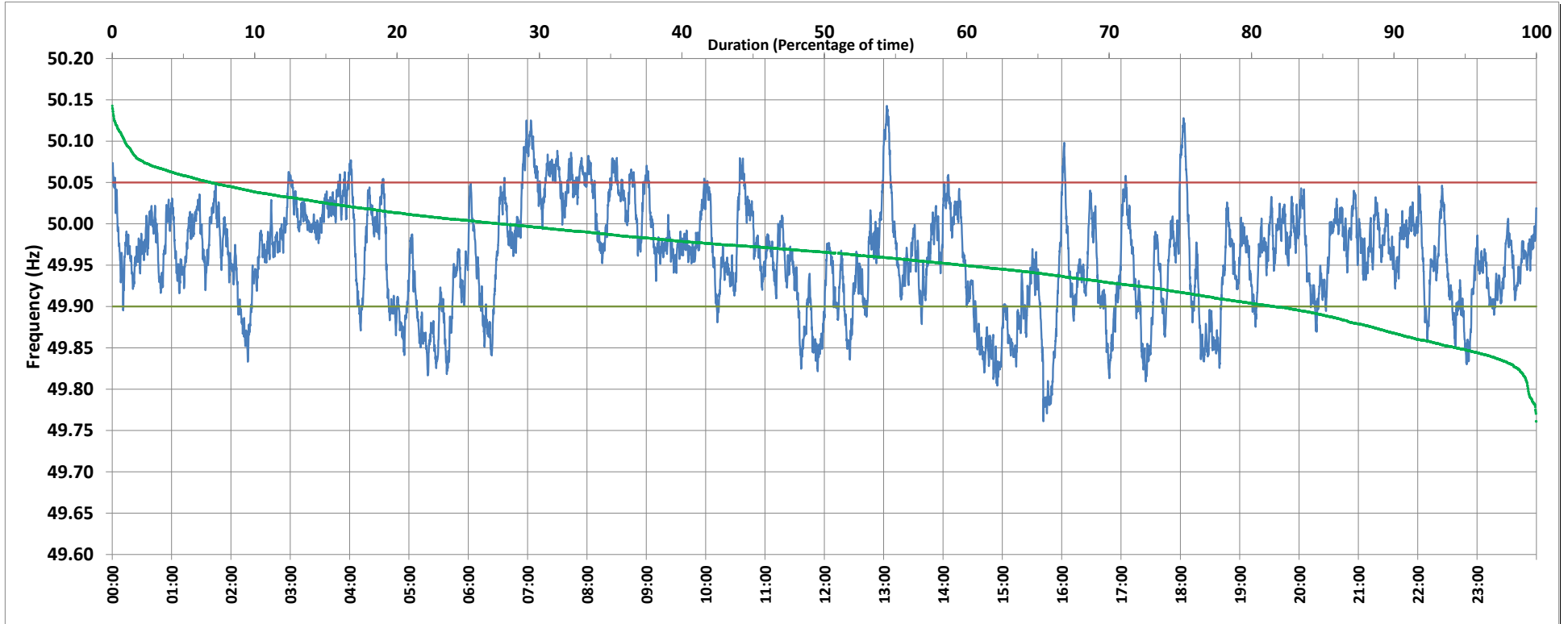


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Oct-2018 (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
0.0	18.4	53.1	0.6	17.8	54.2	26.5	0.9	74.7	100.0	33.6	6.1	27.3	13.3	6.9	0.0	40.3	52.8	21.9

Average Frequency : 49.960	Frequency Variation Index : 0.056	Standard Deviation : 0.063	Mileage: 44.1	FDI: 25.3
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Instantaneous Frequency		
Max	50.143	13:03:10
Min	49.761	15:41:20

15 minute Average Frequency		
Max	50.070	7:15:00
Min	49.837	15:00:00

No. of excursions	
above 50.03 Hz	81
below 49.97 Hz	160
above 50.00 Hz	123
below 50.00 Hz	125

Average time freq per excursion remains	
below 49.97	0:04:47
above 50.03	0:02:22

No. of hours freq outside 49.9-50.05 Hz	6:04:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)