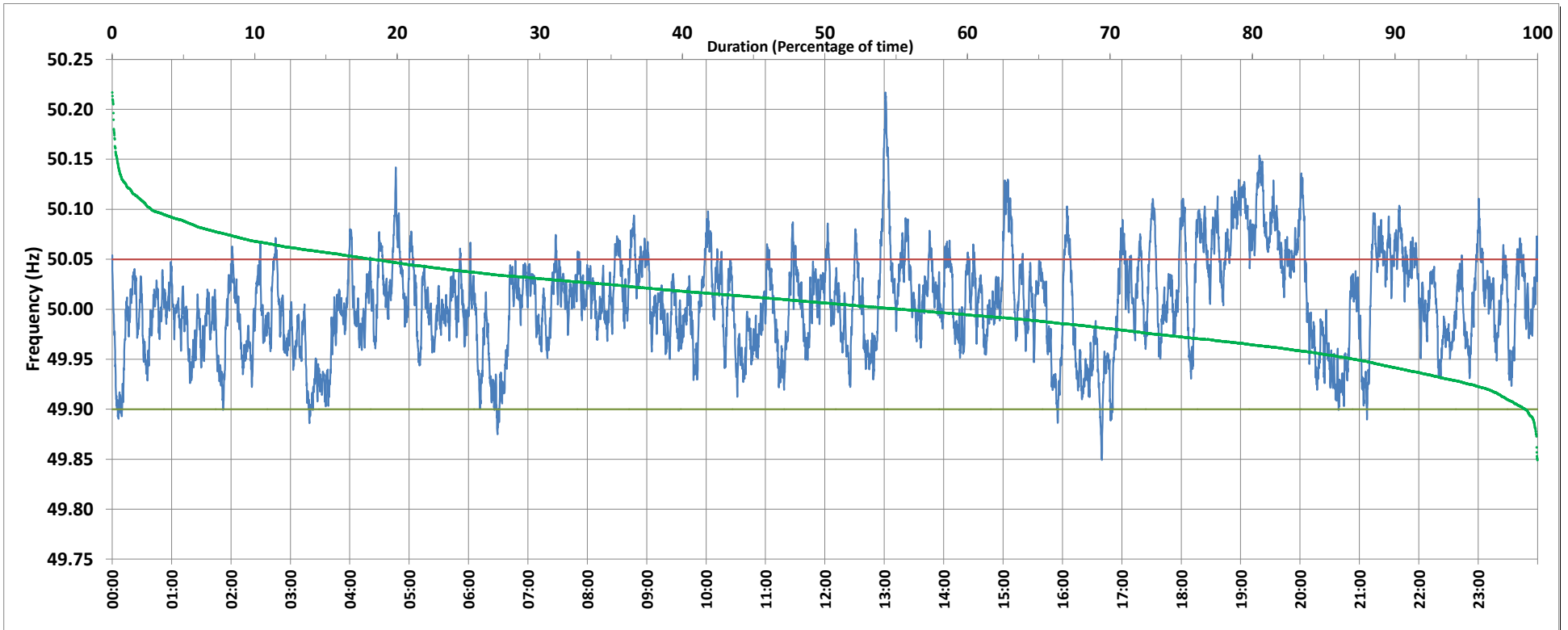


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Oct-2019 (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
0.00	0.87	23.16	0.00	0.87	43.70	52.67	2.67	80.91	99.92	46.22	15.51	55.28	30.63	18.22	0.08	12.81	68.97	11.94

Average Frequency : 50.006	Frequency Variation Index : 0.0243	Standard Deviation : 0.0489	Mileage: 48.9	FDI: 19.1
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Instantaneous Frequency		
Max	50.217	13:01:10
Min	49.849	16:39:50

15 minute Average Frequency		
Max	50.103	19:30:00
Min	49.922	3:30:00

No. of excursions	
above 50.03 Hz	190
below 49.97 Hz	146
above 50.00 Hz	205
below 50.00 Hz	206

Average time freq per excursion remains	
below 49.97	0:02:17
above 50.03	0:02:19

No. of hours freq outside 49.9-50.05 Hz	4:34:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)