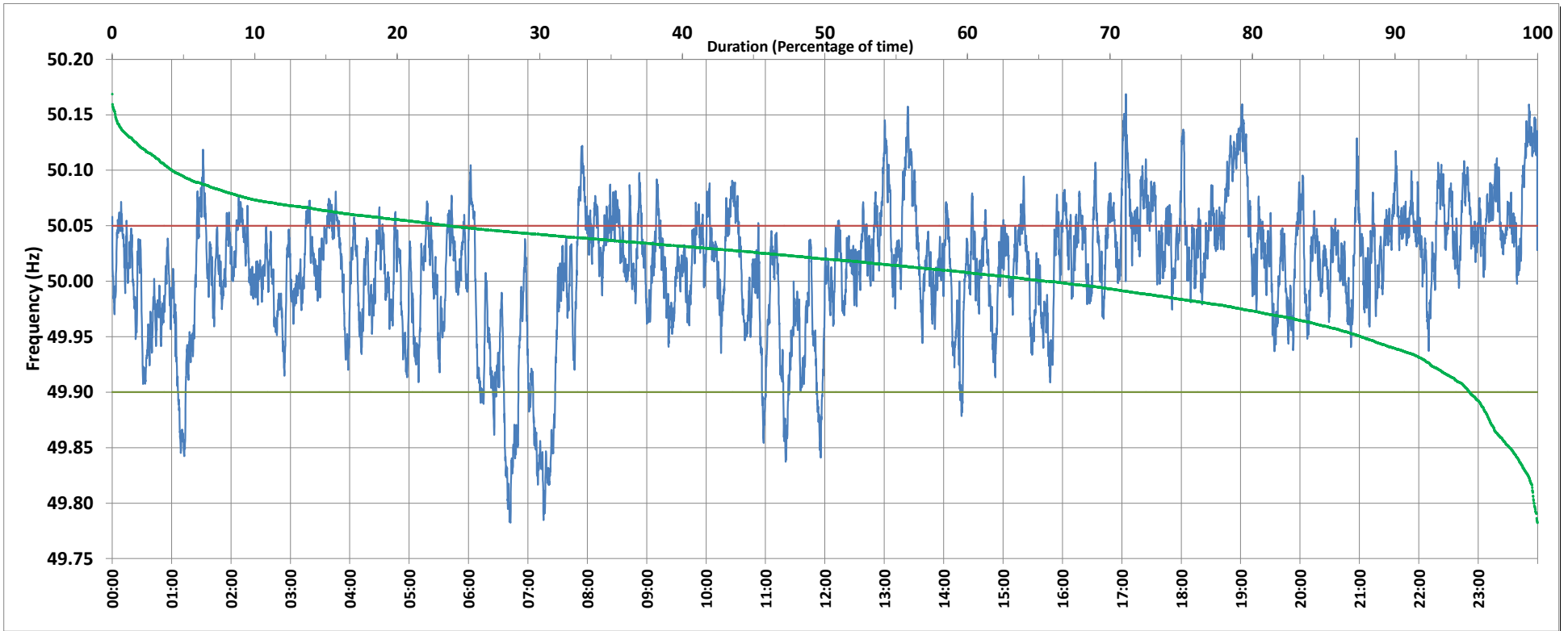


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-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	4.78	18.68	0.24	4.54	29.50	61.49	4.22	71.62	100.00	39.85	19.40	65.53	41.47	23.60	0.00	12.36	64.04	7.58

Average Frequency : 50.012	Frequency Variation Index : 0.0349	Standard Deviation : 0.0578	Mileage: 53.4	FDI: 28.4
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Instantaneous Frequency		
Max	50.169	17:04:00
Min	49.782	6:42:20

15 minute Average Frequency		
Max	50.123	0:00:00
Min	49.852	7:30:00

No. of excursions	
above 50.03 Hz	238
below 49.97 Hz	117
above 50.00 Hz	187
below 50.00 Hz	185

Average time freq per excursion remains	
below 49.97	0:02:18
above 50.03	0:02:31

No. of hours freq outside 49.9-50.05 Hz	6:48:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)