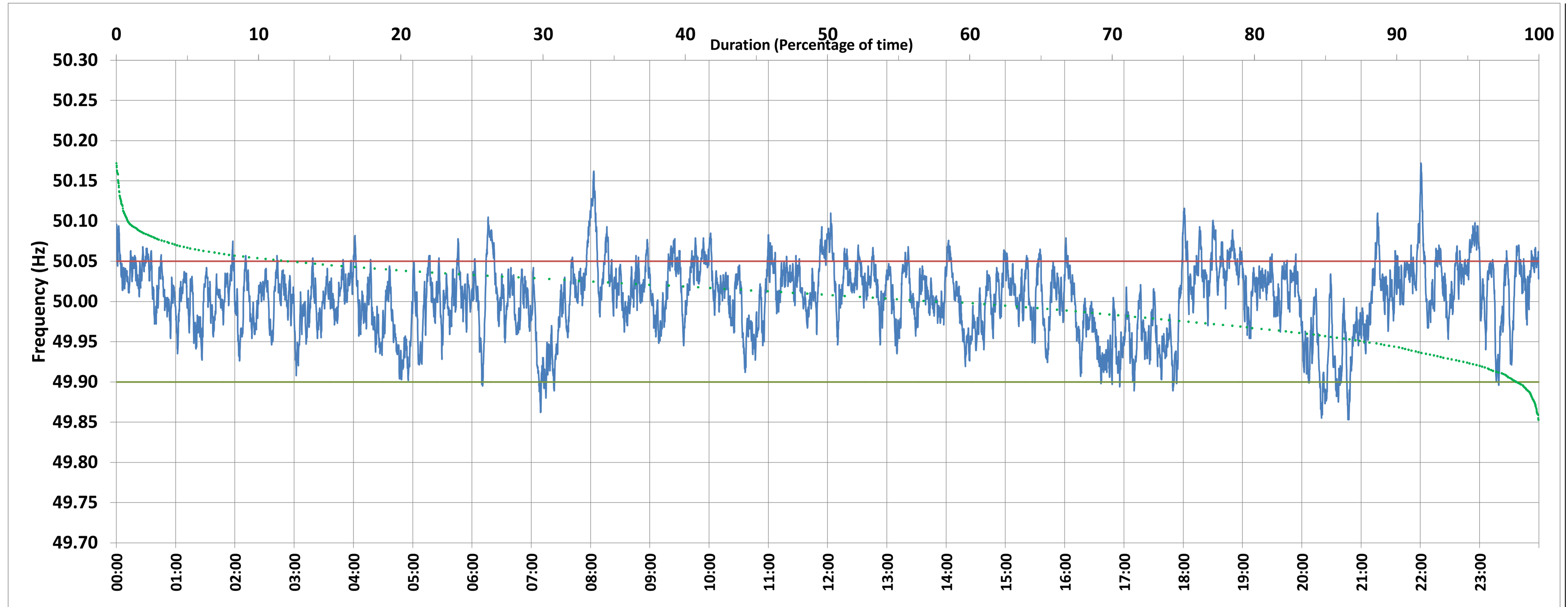


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Oct-2020 (Sunday)



<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	1.46	21.00	0.00	1.46	39.07	58.63	0.83	86.49	100.00	50.74	11.91	57.63	28.26	12.05	0.00	11.92	76.03	10.46

Average Frequency : 50.004	Frequency Variation Index : 0.0193	Standard Deviation : 0.0438	Mileage: 51.9	FDI: 13.5
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Instantaneous Frequency		
Max	50.172	22:00:40
Min	49.853	20:46:40

15 minute Average Frequency		
Max	50.066	8:15:00
Min	49.923	20:30:00

No. of excursions	
above 50.03 Hz	218
below 49.97 Hz	137
above 50.00 Hz	165
below 50.00 Hz	157

Average time freq per excursion remains	
below 49.97	0:02:12
above 50.03	0:01:52

No. of hours freq outside 49.9-50.05 Hz	3:14:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)