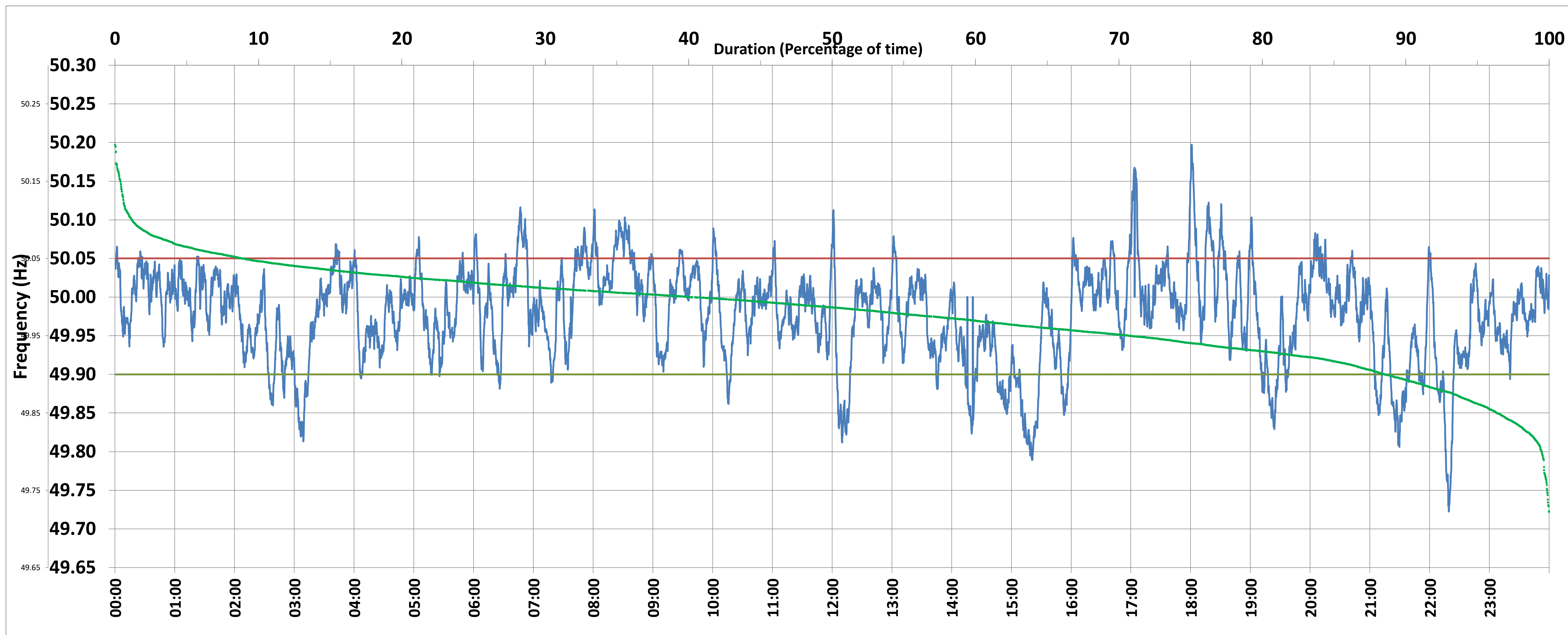


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-May-2020 (Saturday)



<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	11.45	40.10	0.53	10.91	48.11	39.26	1.18	79.62	100.00	42.20	7.80	40.22	17.70	8.94	0.00	29.19	61.88	17.74

Average Frequency : 49.978	Frequency Variation Index : 0.0429	Standard Deviation : 0.0616	Mileage: 42.3	FDI: 20.4
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Instantaneous Frequency		
Max	50.197	18:01:00
Min	49.722	22:19:10

15 minute Average Frequency		
Max	50.061	17:15:00
Min	49.836	15:30:00

No. of excursions	
above 50.03 Hz	120
below 49.97 Hz	107
above 50.00 Hz	173
below 50.00 Hz	175

Average time freq per excursion remains	
below 49.97	0:05:24
above 50.03	0:02:07

No. of hours freq outside 49.9-50.05 Hz	4:53:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)