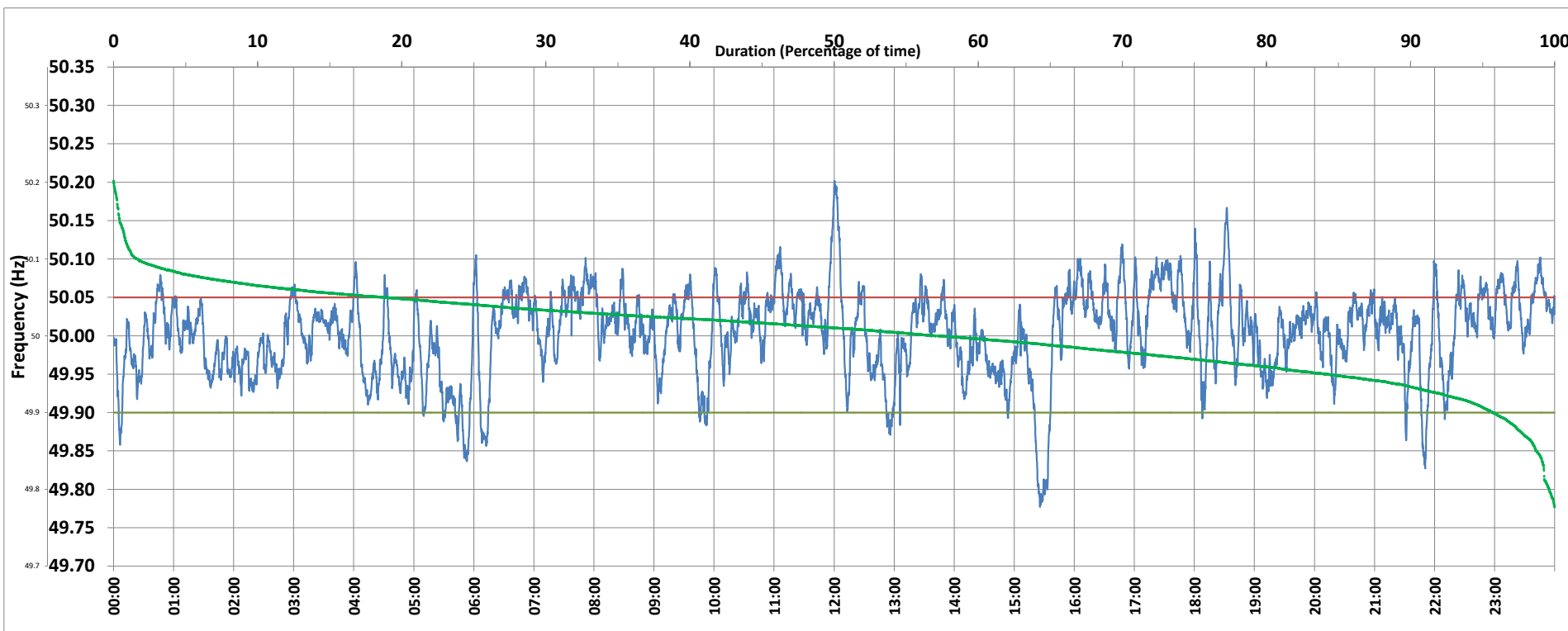


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Apr-2020 (Tuesday)



<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	4.28	25.27	0.38	3.90	38.48	55.56	1.67	76.85	99.99	41.98	17.26	57.04	32.75	18.87	0.01	15.76	65.37	11.48

Average Frequency : 50.003	Frequency Variation Index : 0.0307	Standard Deviation : 0.0553	Mileage: 36.8	FDI: 23.1
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Instantaneous Frequency		
Max	50.202	12:00:20
Min	49.777	15:25:40

15 minute Average Frequency		
Max	50.076	17:30:00
Min	49.857	15:30:00

No. of excursions	
above 50.03 Hz	149
below 49.97 Hz	89
above 50.00 Hz	120
below 50.00 Hz	117

Average time freq per excursion remains	
below 49.97	0:04:05
above 50.03	0:03:10

No. of hours freq outside 49.9-50.05 Hz	5:33:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)