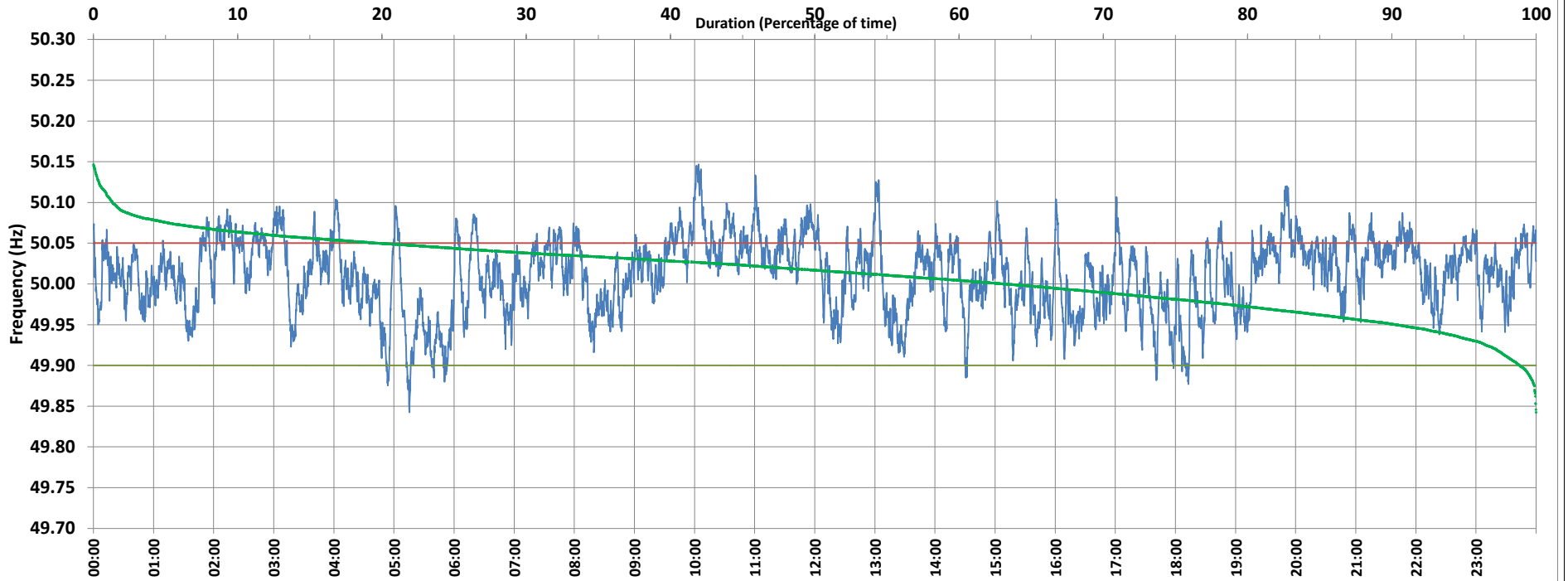


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 14-Oct-2020 (Wednesday)



<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	1.13	18.89	0.00	1.13	35.60	61.93	1.33	79.10	100.00	42.72	18.53	63.19	38.39	19.77	0.00	9.69	70.54	8.55

Average Frequency : 50.012	Frequency Variation Index : 0.0213	Standard Deviation : 0.0447	Mileage: 48.6	FDI: 20.9
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Instantaneous Frequency	
Max	50.147 10:04:00
Min	49.843 5:15:20

15 minute Average Frequency		
Max	50.091	10:15:00
Min	49.928	5:45:00

No. of excursions	
above 50.03 Hz	241
below 49.97 Hz	119
above 50.00 Hz	182
below 50.00 Hz	181

Average time freq per excursion remains	
below 49.97	0:02:17
above 50.03	0:02:18

No. of hours freq outside 49.9-50.05 Hz	5:01:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)