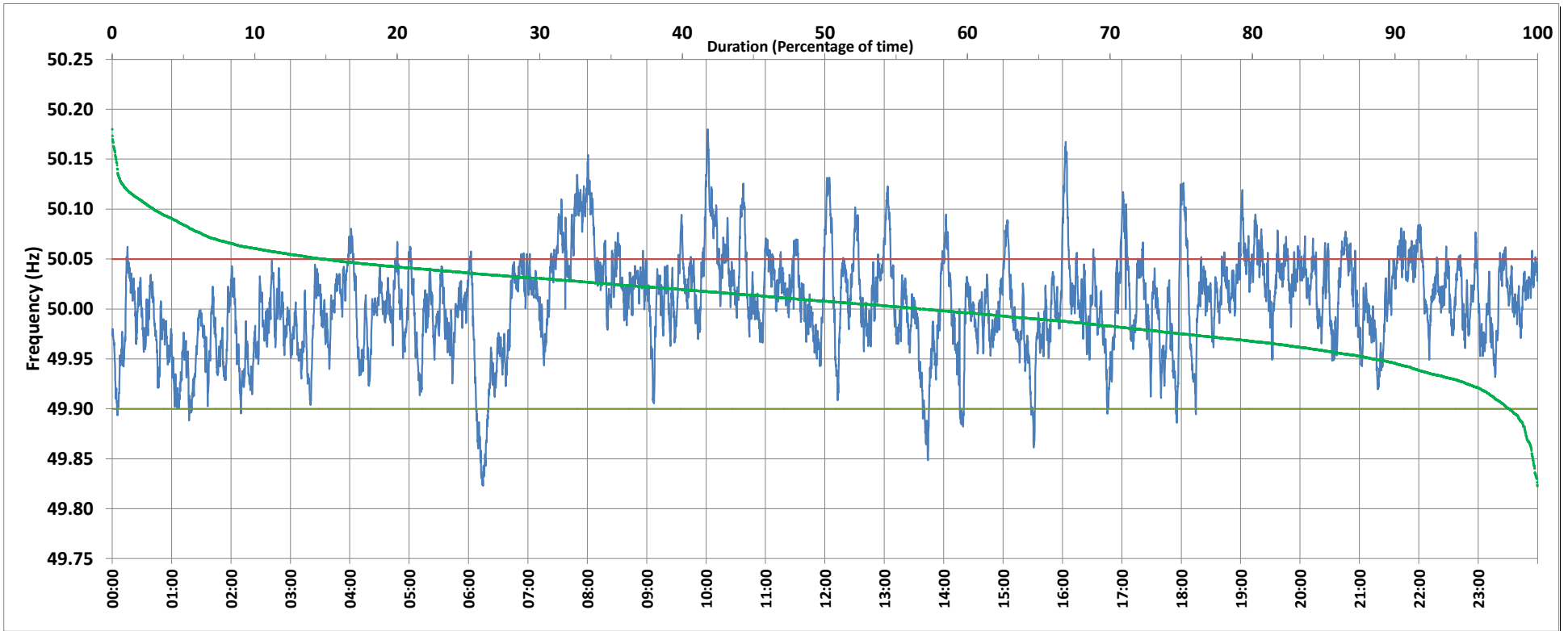


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Oct-2019 (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	1.96	21.45	0.00	1.96	41.18	53.96	2.91	83.21	100.00	47.79	12.05	56.68	30.76	14.84	0.00	11.53	73.63	9.57

Average Frequency : 50.006	Frequency Variation Index : 0.0231	Standard Deviation : 0.0479	Mileage: 48.6	FDI: 16.8
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Instantaneous Frequency		
Max	50.180	10:01:40
Min	49.823	6:14:30

15 minute Average Frequency		
Max	50.102	8:00:00
Min	49.911	6:30:00

No. of excursions	
above 50.03 Hz	211
below 49.97 Hz	145
above 50.00 Hz	209
below 50.00 Hz	208

Average time freq per excursion remains	
below 49.97	0:02:08
above 50.03	0:02:06

No. of hours freq outside 49.9-50.05 Hz	4:01:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)