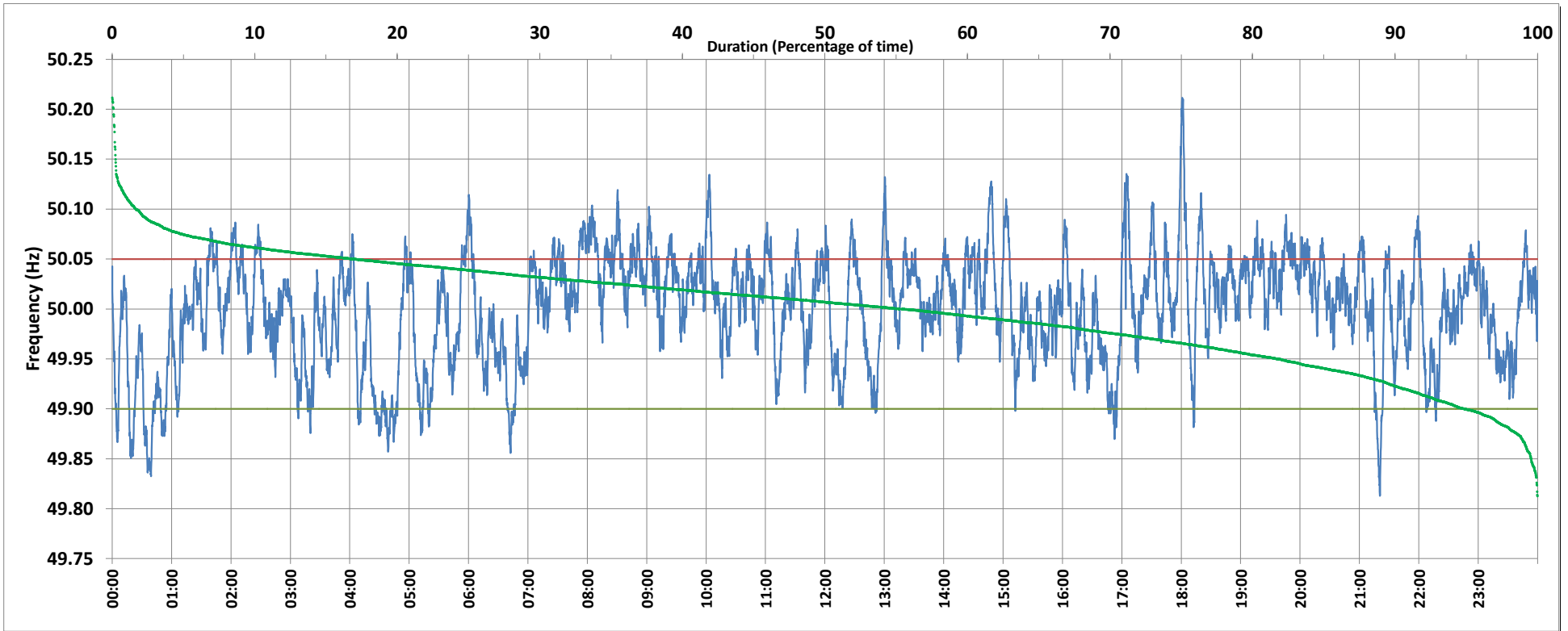


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Oct-2019 (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	5.12	26.98	0.00	5.12	39.47	53.75	1.57	77.91	99.91	41.64	15.39	55.22	31.38	16.98	0.09	18.18	64.84	13.07

Average Frequency : 50.000	Frequency Variation Index : 0.0291	Standard Deviation : 0.0539	Mileage: 50.4	FDI: 22.1
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Instantaneous Frequency		
Max	50.212	18:00:50
Min	49.813	21:20:40

15 minute Average Frequency		
Max	50.059	8:15:00
Min	49.881	0:45:00

No. of excursions	
above 50.03 Hz	185
below 49.97 Hz	114
above 50.00 Hz	182
below 50.00 Hz	183

Average time freq per excursion remains	
below 49.97	0:03:24
above 50.03	0:02:27

No. of hours freq outside 49.9-50.05 Hz	5:18:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)