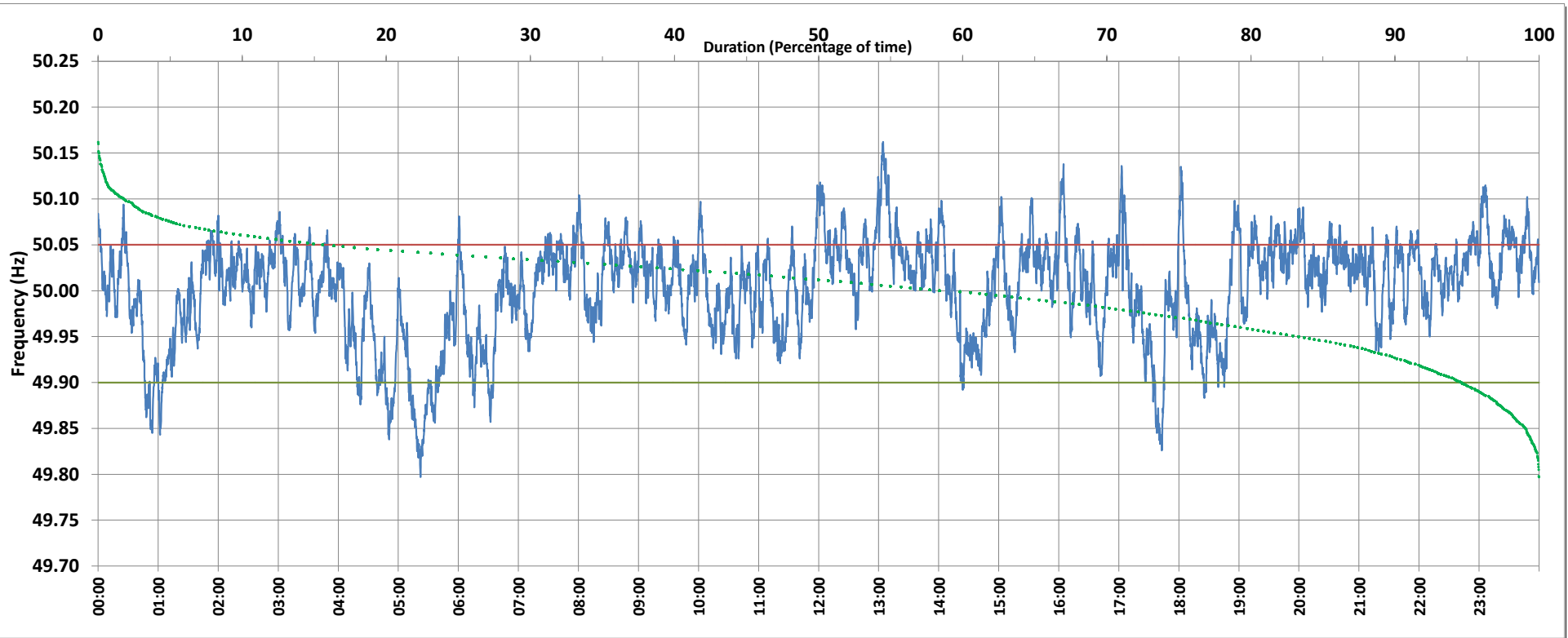


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Oct-2019 (Friday)



<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	5.34	24.24	0.02	5.31	34.86	57.95	1.85	79.09	100.00	41.78	14.58	58.37	33.98	15.58	0.00	16.31	68.11	10.97

Average Frequency : 50.002	Frequency Variation Index : 0.0294	Standard Deviation : 0.0542	Mileage: 50.3	FDI: 20.9
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Instantaneous Frequency		
Max	50.162	13:04:30
Min	49.797	5:22:00

15 minute Average Frequency		
Max	50.098	13:15:00
Min	49.846	5:30:00

No. of excursions	
above 50.03 Hz	197
below 49.97 Hz	93
above 50.00 Hz	119
below 50.00 Hz	120

Average time freq per excursion remains	
below 49.97	0:03:45
above 50.03	0:02:29

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