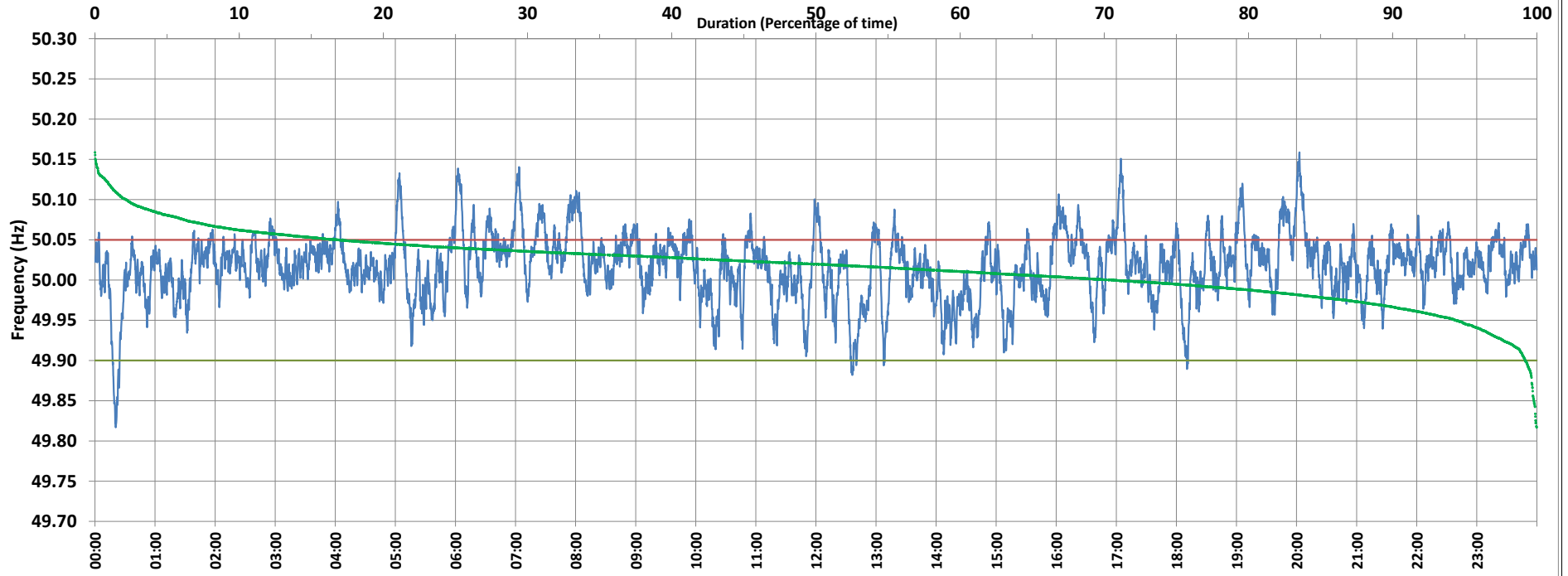


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Sep-2020 (Thursday)



<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	0.80	11.30	0.00	0.80	28.55	68.48	2.16	82.35	100.00	51.45	14.76	70.59	37.26	16.85	0.00	10.00	77.50	9.20

Average Frequency : 50.017	Frequency Variation Index : 0.0192	Standard Deviation : 0.0405	Mileage: 44.0	FDI: 17.7
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Instantaneous Frequency		
Max	50.159	20:02:50
Min	49.817	0:20:40

15 minute Average Frequency		
Max	50.081	20:15:00
Min	49.909	0:30:00

No. of excursions	
above 50.03 Hz	272
below 49.97 Hz	86
above 50.00 Hz	211
below 50.00 Hz	208

Average time freq per excursion remains	
below 49.97	0:01:53
above 50.03	0:01:58

No. of hours freq outside 49.9-50.05 Hz	4:14:10
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)