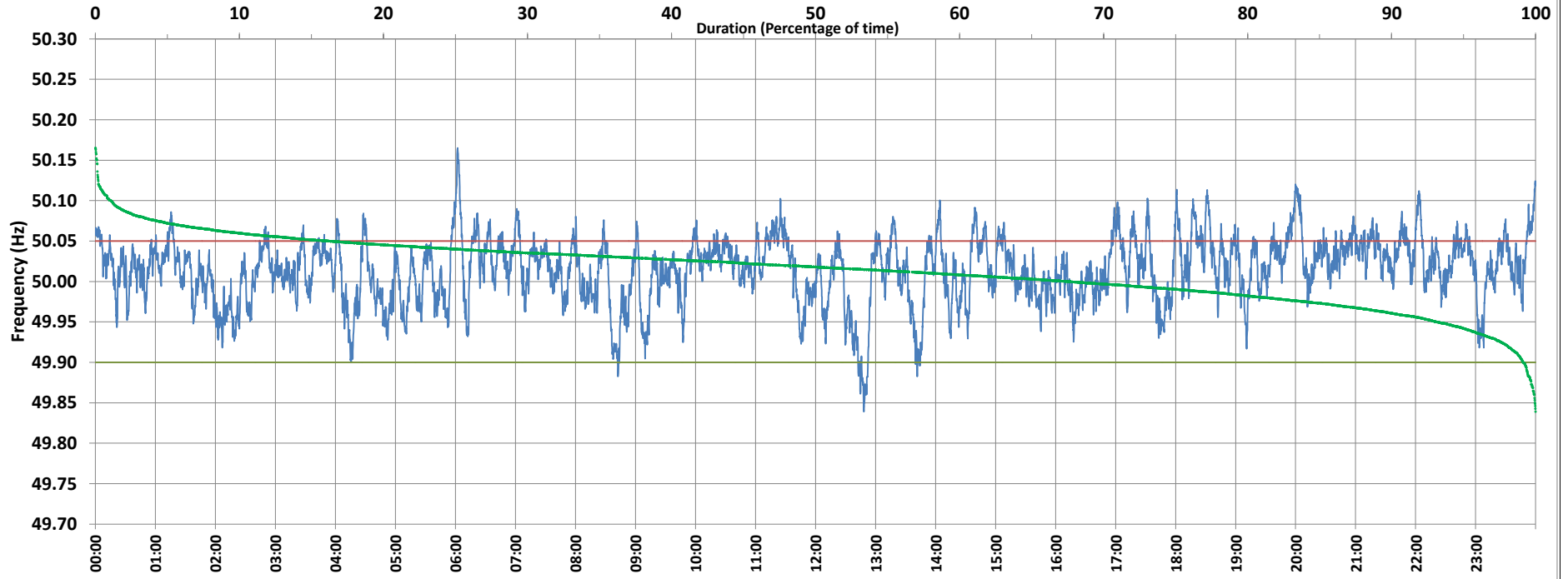


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Sep-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	0.86	13.59	0.00	0.86	31.55	66.52	1.08	82.97	100.00	49.88	15.19	67.50	36.53	16.17	0.00	10.00	76.98	9.14

Average Frequency : 50.014	Frequency Variation Index : 0.0179	Standard Deviation : 0.0400	Mileage: 47.2	FDI: 17.0
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Instantaneous Frequency		
Max	50.165	6:02:00
Min	49.839	12:48:10

15 minute Average Frequency		
Max	50.064	11:30:00
Min	49.933	12:45:00

No. of excursions	
above 50.03 Hz	258
below 49.97 Hz	110
above 50.00 Hz	200
below 50.00 Hz	198

Average time freq per excursion remains	
below 49.97	0:01:47
above 50.03	0:02:02

No. of hours freq outside 49.9-50.05 Hz	4:05:10
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)