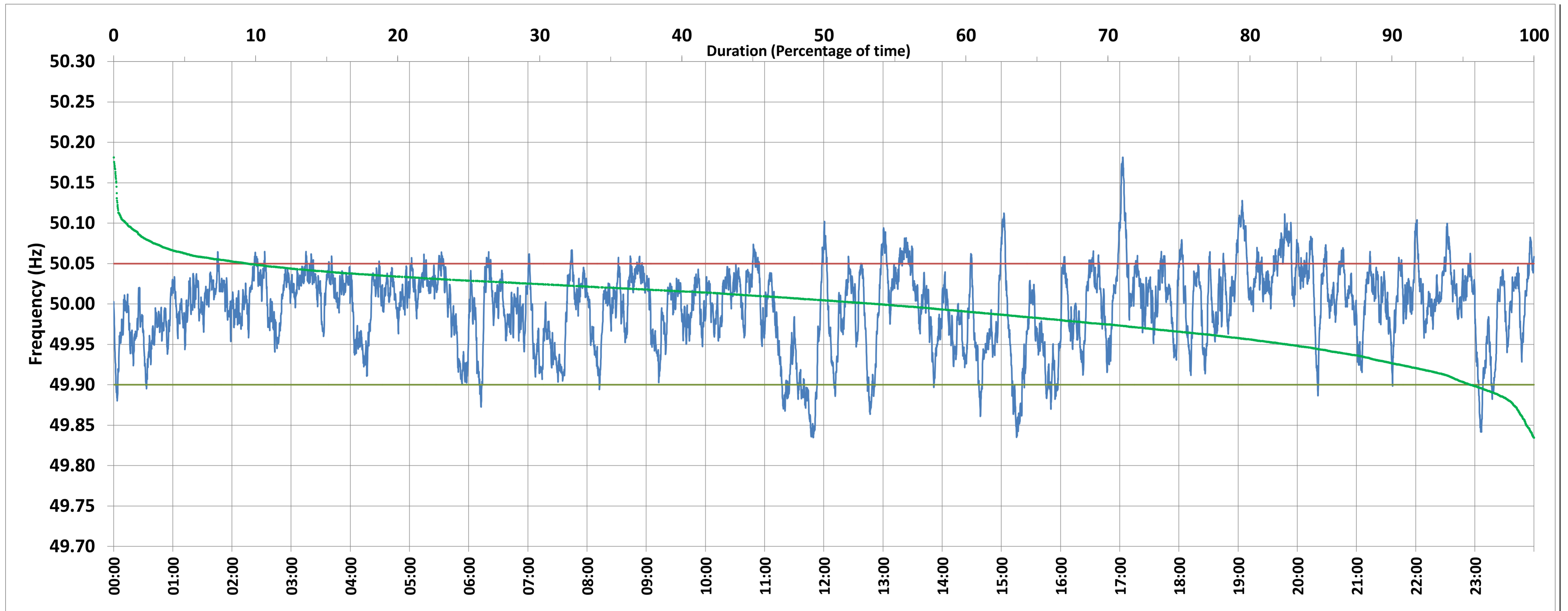


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 29-Sep-2020 (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	4.44	27.25	0.00	4.44	41.69	52.99	0.88	86.13	100.00	48.88	8.59	53.77	23.88	9.42	0.00	10.00	73.22	5.56

Average Frequency : 49.996	Frequency Variation Index : 0.0239	Standard Deviation : 0.0488	Mileage: 47.5	FDI: 13.9
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Instantaneous Frequency		
Max	50.182	17:03:10
Min	49.835	11:49:10

15 minute Average Frequency		
Max	50.070	17:15:00
Min	49.903	11:45:00

No. of excursions	
above 50.03 Hz	220
below 49.97 Hz	134
above 50.00 Hz	189
below 50.00 Hz	188

Average time freq per excursion remains	
below 49.97	0:02:56
above 50.03	0:01:34

No. of hours freq outside 49.9-50.05 Hz	3:19:40
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)