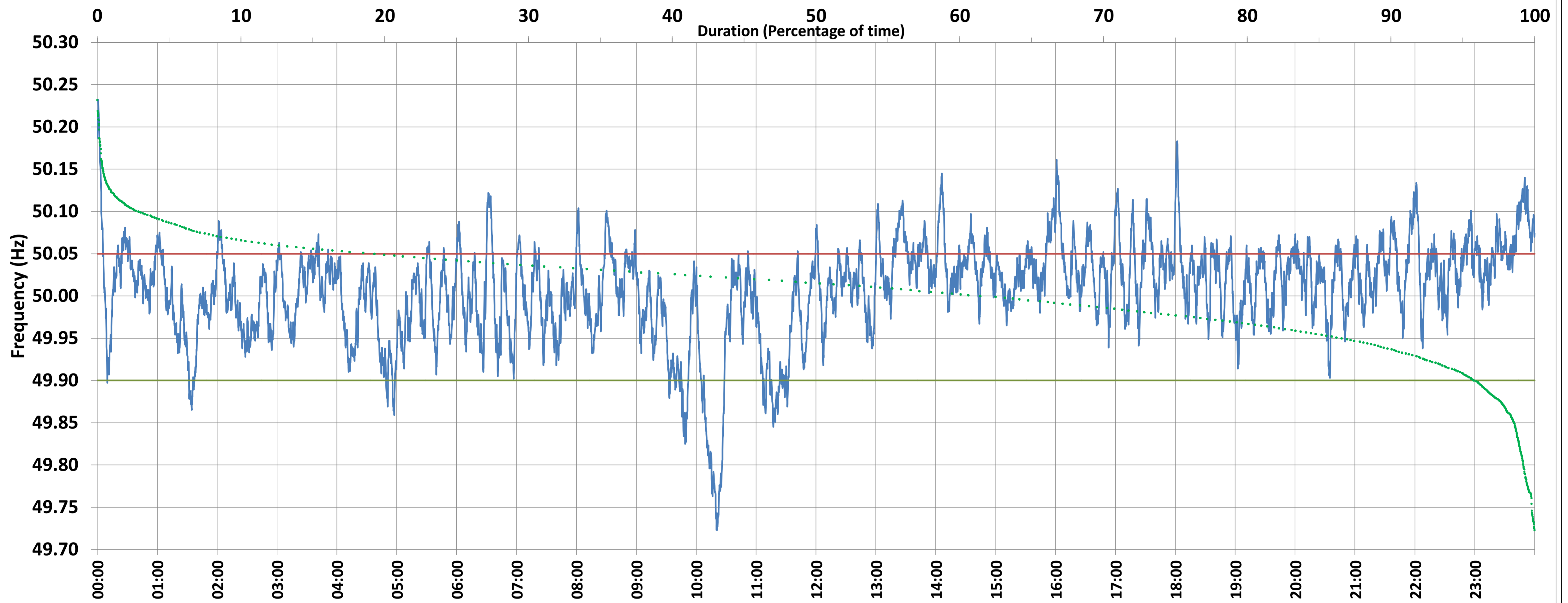


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Jan-2021 (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	4.07	20.74	0.79	3.29	33.44	59.49	2.88	76.67	99.88	43.32	17.09	61.41	35.94	19.26	0.12	13.06	67.69	8.98

Average Frequency : 50.007	Frequency Variation Index : 0.0326	Standard Deviation : 0.0568	Mileage: 49.7	FDI: 23.3
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Instantaneous Frequency		
Max	50.232	0:01:00
Min	49.723	10:20:20

15 minute Average Frequency		
Max	50.098	0:00:00
Min	49.799	10:30:00

No. of excursions	
above 50.03 Hz	188
below 49.97 Hz	95
above 50.00 Hz	139
below 50.00 Hz	136

Average time freq per excursion remains	
below 49.97	0:03:09
above 50.03	0:02:45

No. of hours freq outside 49.9-50.05 Hz	5:36:00
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)