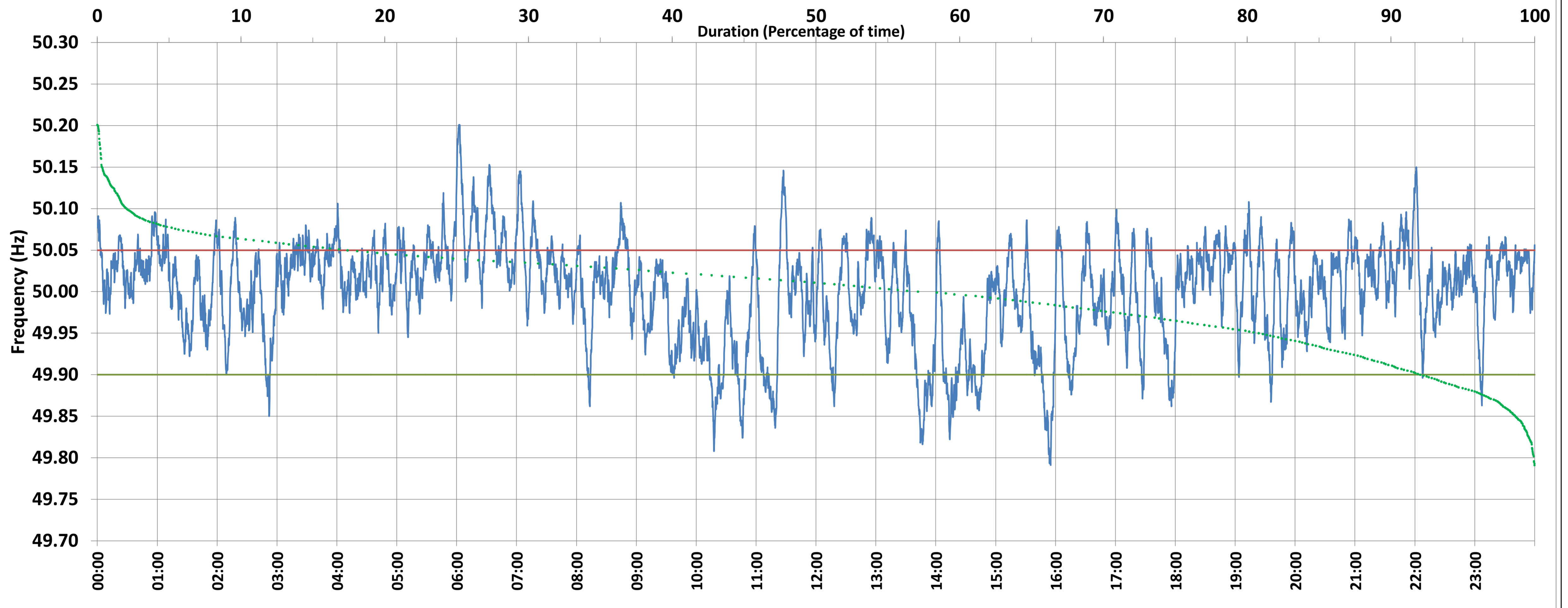


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 02-Jan-2021 (Saturday)



<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	7.73	26.45	0.06	7.67	33.88	56.28	2.05	74.87	99.94	39.22	16.02	57.08	34.33	17.40	0.06	18.91	63.69	11.18

Average Frequency : 50.000	Frequency Variation Index : 0.0354	Standard Deviation : 0.0595	Mileage: 50.8	FDI: 25.1
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Instantaneous Frequency		
Max	50.201	6:02:20
Min	49.791	15:55:00

15 minute Average Frequency		
Max	50.099	6:15:00
Min	49.863	16:00:00

No. of excursions	
above 50.03 Hz	181
below 49.97 Hz	86
above 50.00 Hz	136
below 50.00 Hz	117

Average time freq per excursion remains	
below 49.97	0:04:26
above 50.03	0:02:44

No. of hours freq outside 49.9-50.05 Hz	
	6:01:50

Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)

