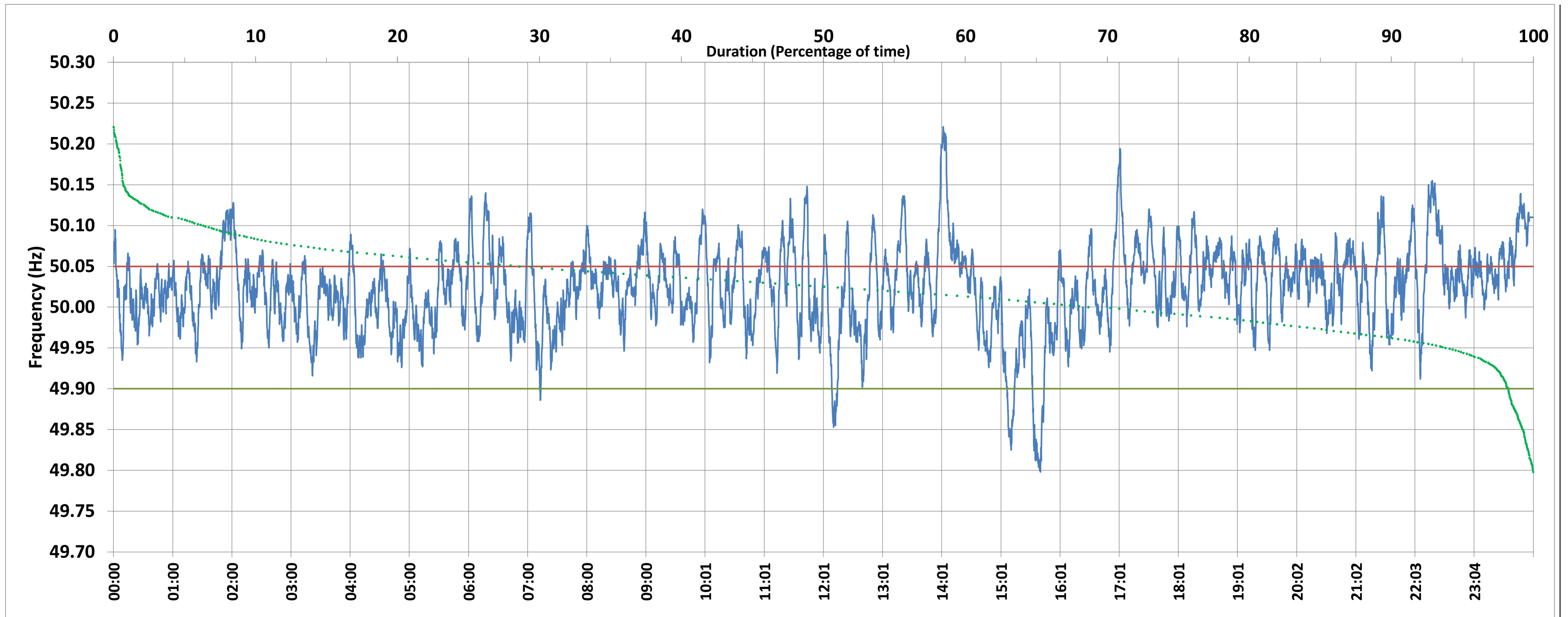


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Dec-2020 (Sunday)



<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	1.76	13.06	0.01	1.75	28.04	63.75	6.22	69.66	99.77	41.23	23.11	68.66	45.72	28.58	0.23	5.90	65.52	4.14

Average Frequency : 50.023	Frequency Variation Index : 0.0324	Standard Deviation : 0.0519	Mileage: 50.7	FDI: 30.3
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Instantaneous Frequency		
Max	50.221	14:02:50
Min	49.798	15:41:30

15 minute Average Frequency		
Max	50.125	14:15:00
Min	49.860	15:45:00

No. of excursions	
above 50.03 Hz	190
below 49.97 Hz	99
above 50.00 Hz	124
below 50.00 Hz	119

Average time freq per excursion remains	
below 49.97	0:01:54
above 50.03	0:03:28

No. of hours freq outside 49.9-50.05 Hz	
	7:16:50

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