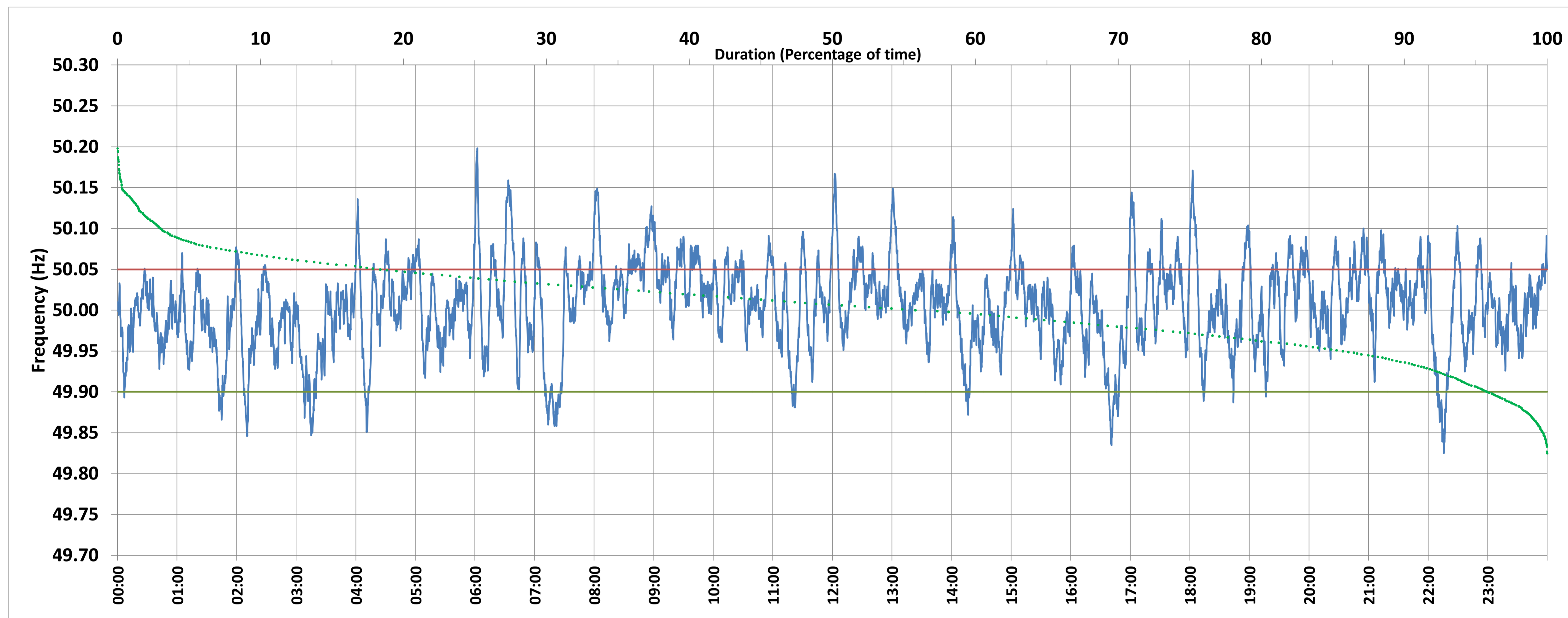


**POWER SYSTEM OPERATION CORPORATION LIMITED**

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Feb-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	4.07	23.43	0.00	4.07	38.59	54.25	3.09	77.56	100.00	44.87	15.82	55.80	31.70	18.37	0.00	13.91	67.72	9.84

Average Frequency : 50.005	Frequency Variation Index : 0.0287	Standard Deviation : 0.0534	Mileage: 50.6	FDI: 22.4
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Instantaneous Frequency		
Max	50.198	6:02:20
Min	49.825	22:15:50

15 minute Average Frequency		
Max	50.078	9:00:00
Min	49.899	7:30:00

No. of excursions	
above 50.03 Hz	166
below 49.97 Hz	111
above 50.00 Hz	150
below 50.00 Hz	143

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

No. of hours freq outside 49.9-50.05 Hz	5:23:10
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)