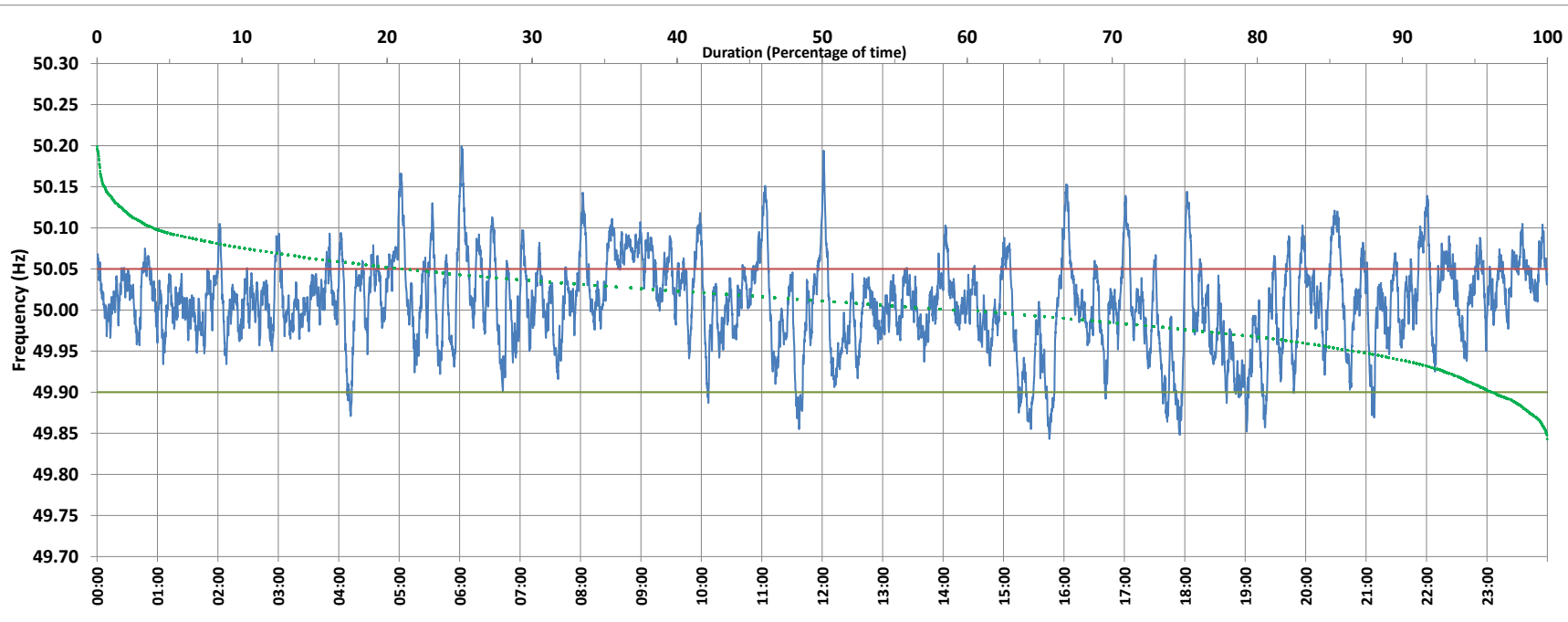


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Feb-2021 (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	3.66	21.03	0.00	3.66	35.61	56.76	3.97	75.32	100.00	44.65	17.73	59.07	34.32	21.02	0.00	13.01	65.97	9.35

Average Frequency : 50.009	Frequency Variation Index : 0.0301	Standard Deviation : 0.0541	Mileage: 50.2	FDI: 24.7
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Instantaneous Frequency		
Max	50.199	6:01:50
Min	49.843	15:45:30

15 minute Average Frequency		
Max	50.079	9:00:00
Min	49.894	15:30:00

No. of excursions	
above 50.03 Hz	146
below 49.97 Hz	113
above 50.00 Hz	139
below 50.00 Hz	132

Average time freq per excursion remains	
below 49.97	0:02:41
above 50.03	0:03:23

No. of hours freq outside 49.9-50.05 Hz	5:55:20
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)