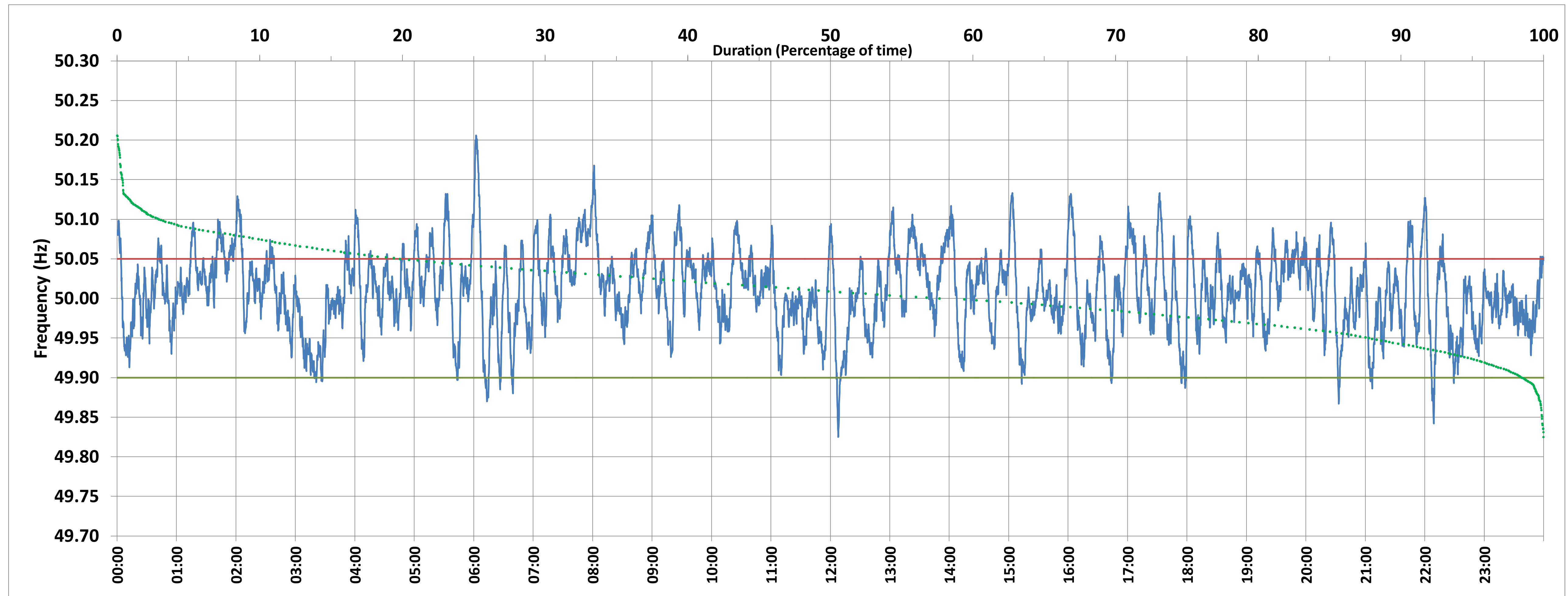


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 13-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	1.40	20.72	0.00	1.40	39.21	56.31	3.01	78.78	99.93	45.54	17.51	57.63	33.74	19.81	0.07	12.03	68.16	10.63

Average Frequency : 50.009	Frequency Variation Index : 0.0260	Standard Deviation : 0.0501	Mileage: 49.9	FDI: 21.2
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Instantaneous Frequency		
Max	50.206	6:02:10
Min	49.825	12:08:00

15 minute Average Frequency		
Max	50.091	8:00:00
Min	49.921	3:30:00

No. of excursions	
above 50.03 Hz	151
below 49.97 Hz	130
above 50.00 Hz	141
below 50.00 Hz	147

Average time freq per excursion remains	
below 49.97	0:02:18
above 50.03	0:03:13

No. of hours freq outside 49.9-50.05 Hz	5:05:30
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)