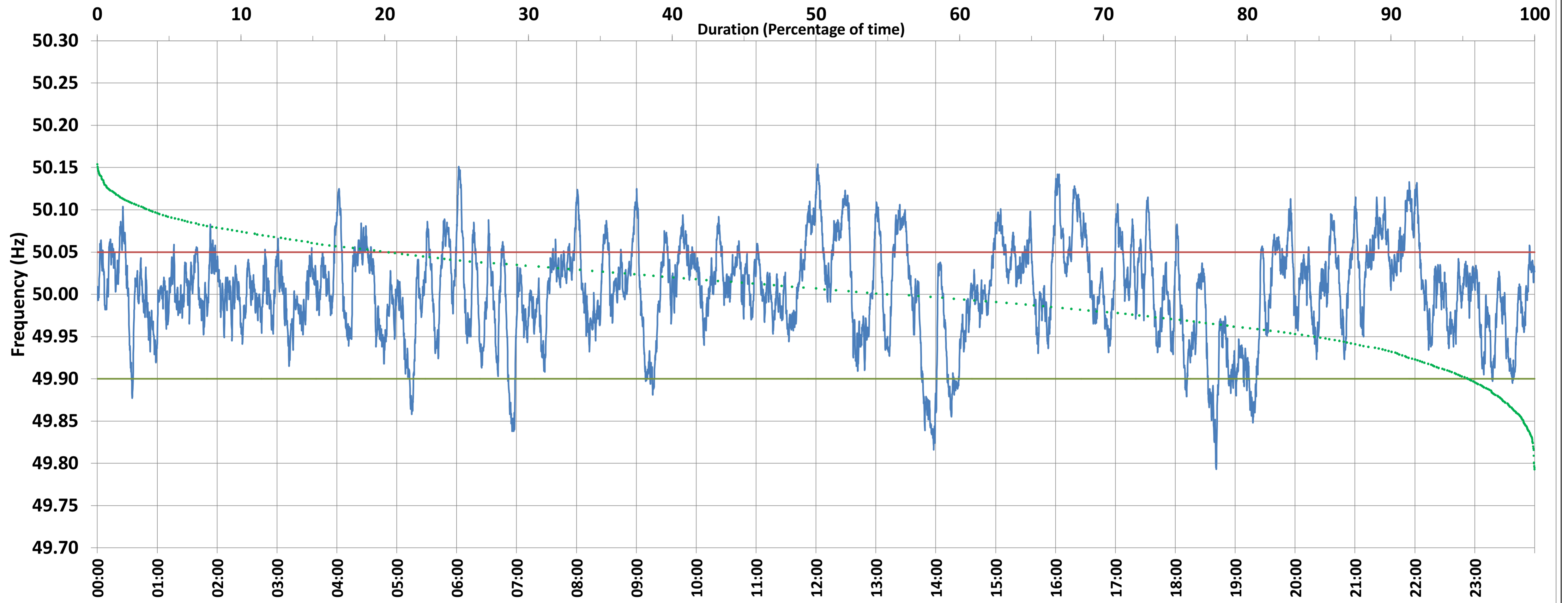


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Jan-2021 (Monday)



<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	4.53	24.21	0.03	4.49	39.02	52.75	3.70	75.22	100.00	43.03	17.11	54.94	32.75	20.25	0.00	14.93	64.81	10.41

Average Frequency : 50.005	Frequency Variation Index : 0.0315	Standard Deviation : 0.0560	Mileage: 50.0	FDI: 24.8
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Instantaneous Frequency		
Max	50.154	12:01:40
Min	49.793	18:41:00

15 minute Average Frequency		
Max	50.090	16:30:00
Min	49.863	14:00:00

No. of excursions	
above 50.03 Hz	152
below 49.97 Hz	122
above 50.00 Hz	139
below 50.00 Hz	146

Average time freq per excursion remains	
below 49.97	0:02:51
above 50.03	0:03:06

No. of hours freq outside 49.9-50.05 Hz	5:56:50
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)

