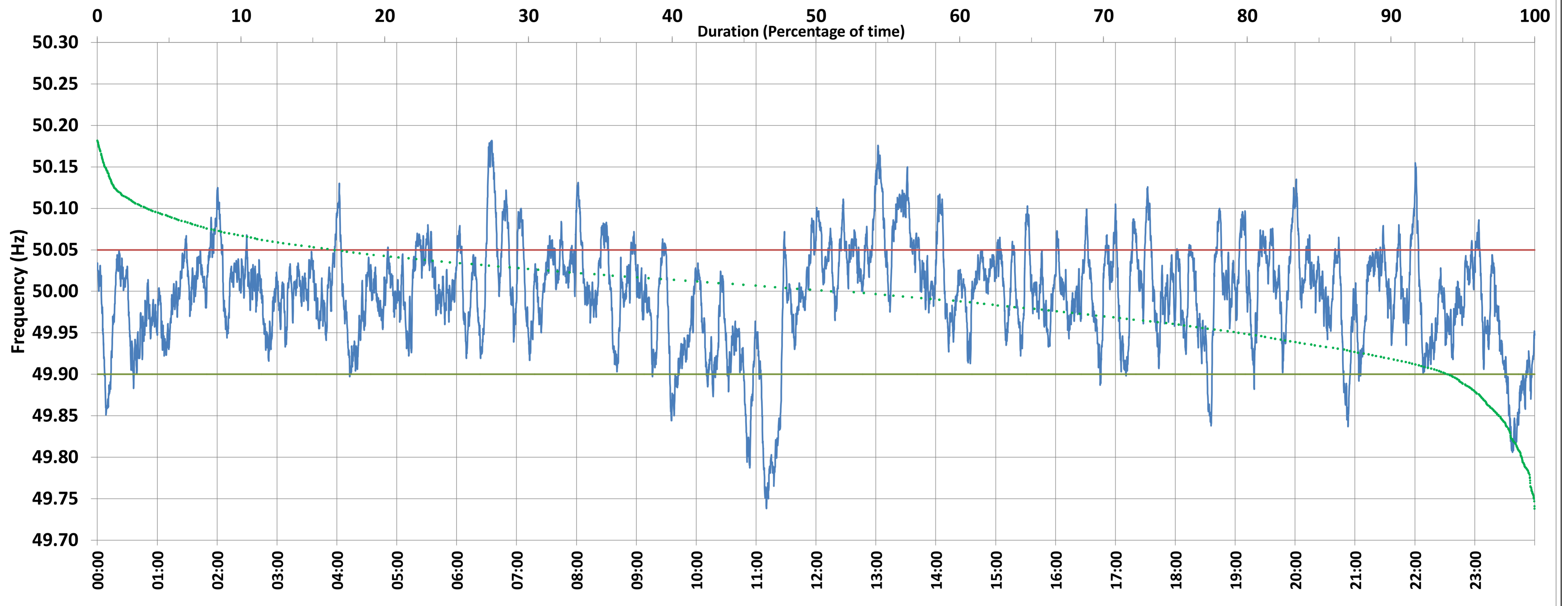


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Jan-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	5.91	29.31	0.89	5.02	41.46	49.05	3.58	77.59	100.00	42.81	13.58	51.04	27.88	16.49	0.00	20.21	63.30	14.29

Average Frequency : 49.996	Frequency Variation Index : 0.0388	Standard Deviation : 0.0622	Mileage: 50.9	FDI: 22.4
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Instantaneous Frequency		
Max	50.182	6:35:10
Min	49.738	11:10:20

15 minute Average Frequency		
Max	50.103	6:45:00
Min	49.833	11:15:00

No. of excursions	
above 50.03 Hz	126
below 49.97 Hz	110
above 50.00 Hz	148
below 50.00 Hz	152

Average time freq per excursion remains	
below 49.97	0:03:50
above 50.03	0:03:11

No. of hours freq outside 49.9-50.05 Hz	5:22:40
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)

