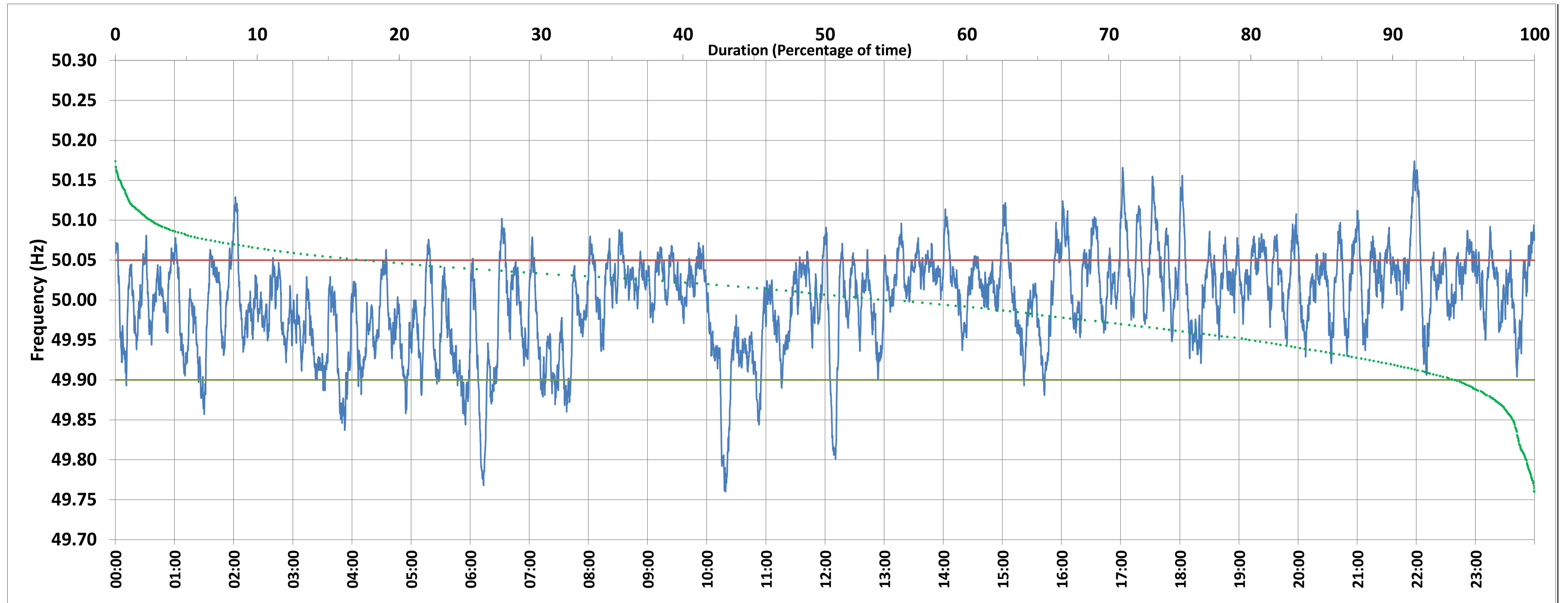


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Jan-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	5.45	28.56	0.57	4.88	38.95	53.06	2.55	76.97	100.00	38.36	15.68	54.29	33.08	17.58	0.00	19.70	62.72	14.25

Average Frequency : 49.999	Frequency Variation Index : 0.0355	Standard Deviation : 0.0596	Mileage: 49.9	FDI: 23.0
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Instantaneous Frequency		
Max	50.174	21:58:00
Min	49.760	10:19:00

15 minute Average Frequency		
Max	50.074	22:00:00
Min	49.858	10:30:00

No. of excursions	
above 50.03 Hz	165
below 49.97 Hz	106
above 50.00 Hz	113
below 50.00 Hz	108

Average time freq per excursion remains	
below 49.97	0:03:53
above 50.03	0:02:53

No. of hours freq outside 49.9-50.05 Hz	5:31:40
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)