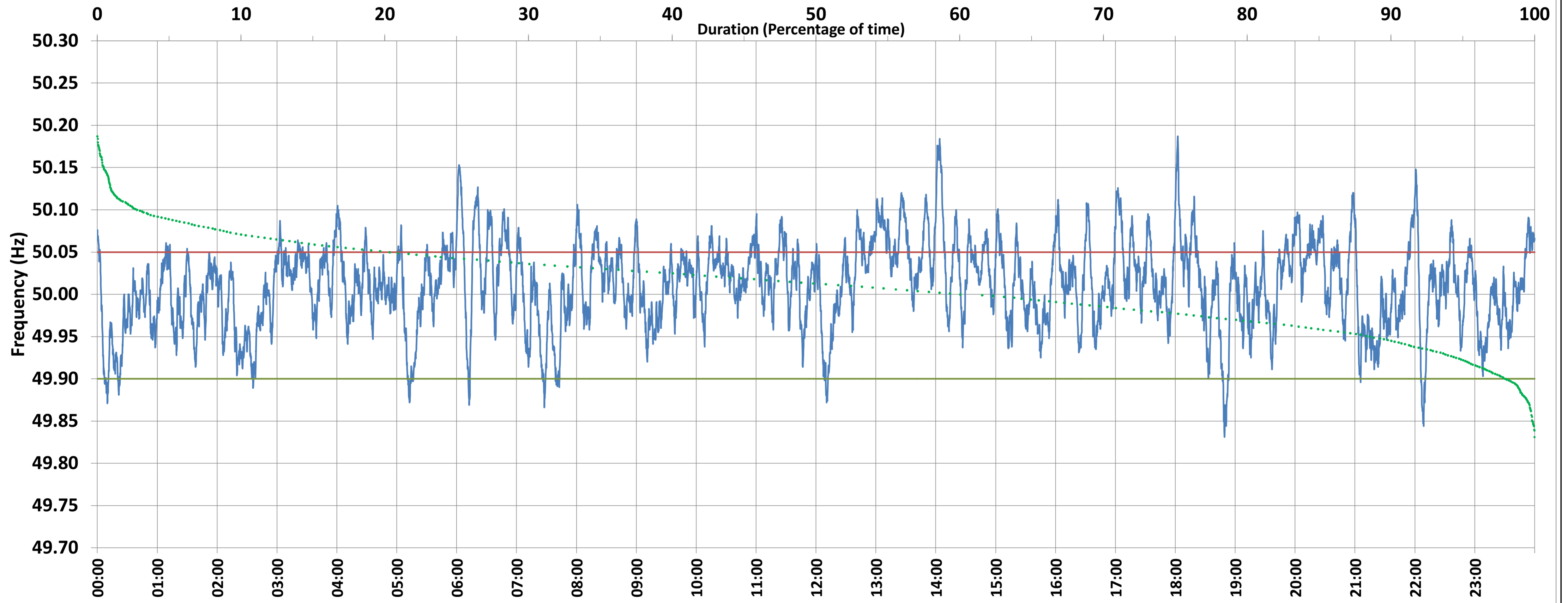


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 20-Jan-2021 (Wednesday)



<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	1.94	20.29	0.00	1.94	36.50	58.60	2.95	77.73	100.00	44.34	18.15	60.02	35.37	20.32	0.00	11.20	68.47	9.26

Average Frequency : 50.010	Frequency Variation Index : 0.0262	Standard Deviation : 0.0502	Mileage: 48.4	FDI: 22.3
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Instantaneous Frequency		
Max	50.187	18:02:20
Min	49.831	18:49:10

15 minute Average Frequency		
Max	50.080	13:15:00
Min	49.933	0:30:00

No. of excursions	
above 50.03 Hz	176
below 49.97 Hz	117
above 50.00 Hz	131
below 50.00 Hz	123

Average time freq per excursion remains	
below 49.97	0:02:30
above 50.03	0:02:54

No. of hours freq outside 49.9-50.05 Hz	5:20:40
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)