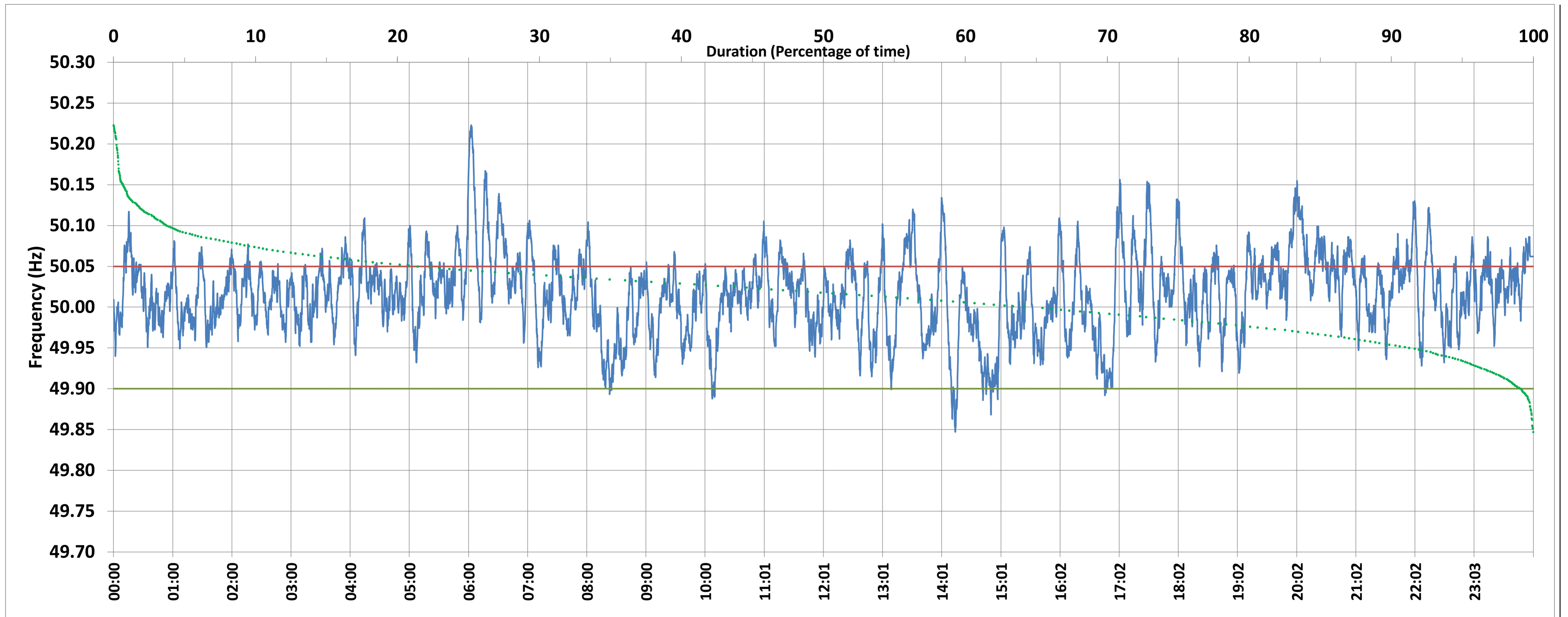


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Dec-2020 (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	0.82	15.93	0.00	0.82	33.76	61.54	3.67	77.77	99.79	45.27	18.52	64.11	38.81	21.41	0.21	8.36	70.23	7.53

Average Frequency : 50.016	Frequency Variation Index : 0.0260	Standard Deviation : 0.0484	Mileage: 50.9	FDI: 22.2
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Instantaneous Frequency		
Max	50.223	6:03:20
Min	49.847	14:15:20

15 minute Average Frequency		
Max	50.106	6:15:00
Min	49.925	15:00:00

No. of excursions	
above 50.03 Hz	202
below 49.97 Hz	99
above 50.00 Hz	136
below 50.00 Hz	141

Average time freq per excursion remains	
below 49.97	0:02:19
above 50.03	0:02:46

No. of hours freq outside 49.9-50.05 Hz	
	5:20:10

Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)