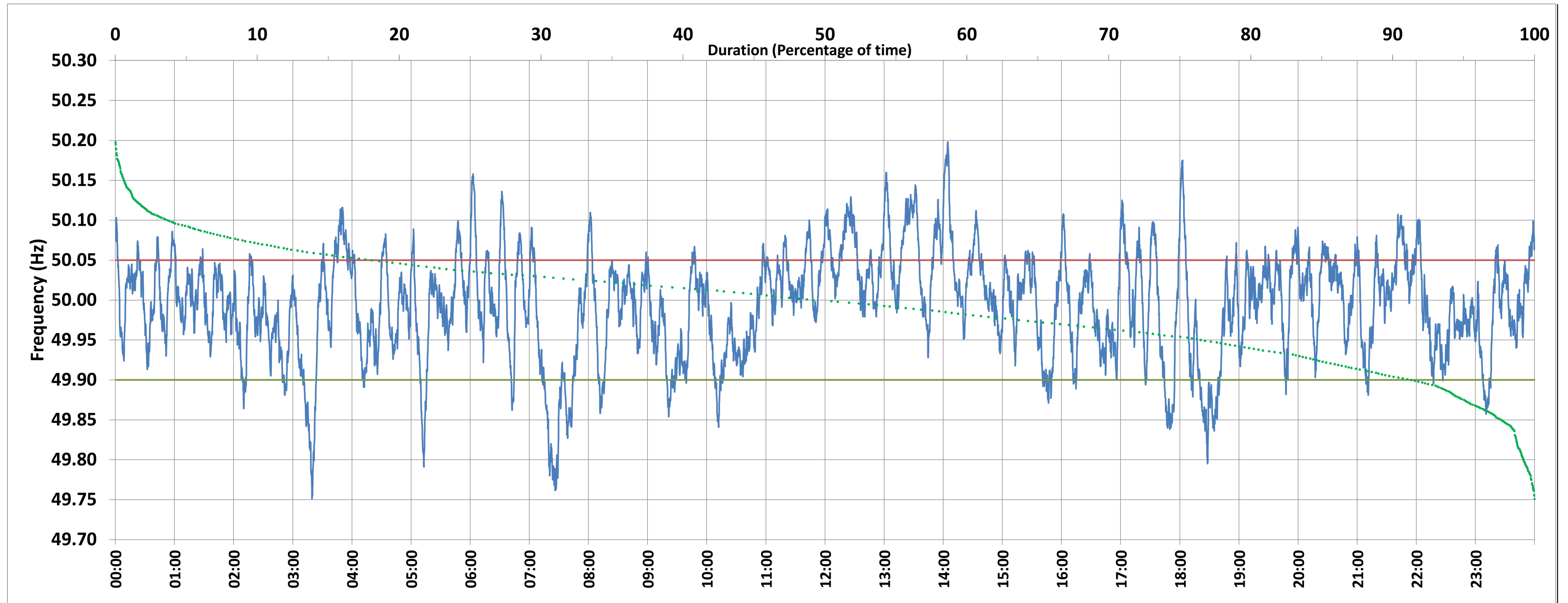


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Jan-2021 (Tuesday)



<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	8.45	32.82	0.78	7.67	41.11	46.63	3.81	73.51	100.00	37.71	14.91	49.18	29.47	18.04	0.00	23.23	58.73	14.78

Average Frequency : 49.993	Frequency Variation Index : 0.0437	Standard Deviation : 0.0659	Mileage: 49.5	FDI: 26.5
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Instantaneous Frequency		
Max	50.198	14:04:40
Min	49.751	3:19:30

15 minute Average Frequency		
Max	50.097	14:15:00
Min	49.815	7:30:00

No. of excursions	
above 50.03 Hz	138
below 49.97 Hz	116
above 50.00 Hz	116
below 50.00 Hz	115

Average time freq per excursion remains	
below 49.97	0:04:04
above 50.03	0:03:04

No. of hours freq outside 49.9-50.05 Hz	6:21:30
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)