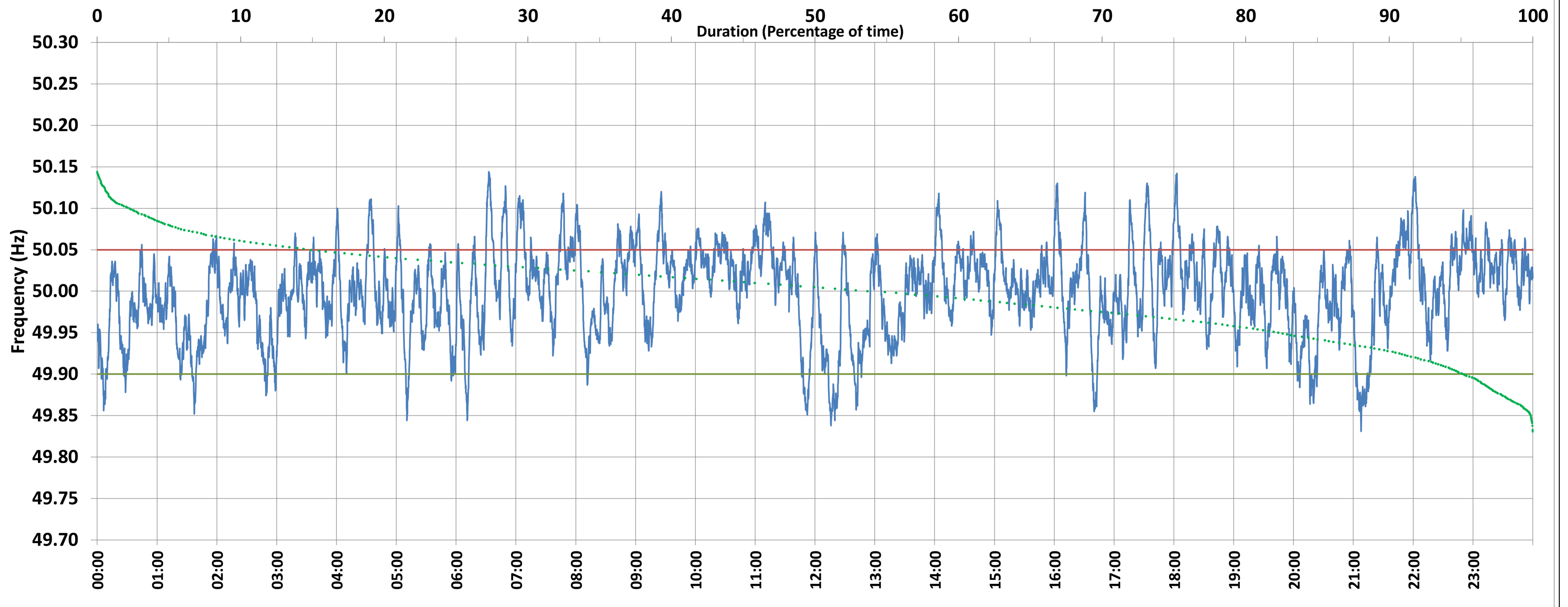


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-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	4.75	26.42	0.00	4.75	40.39	52.52	2.34	80.36	100.00	44.97	13.18	53.65	28.61	14.90	0.00	17.43	67.67	12.69

Average Frequency : 50.000	Frequency Variation Index : 0.0280	Standard Deviation : 0.0529	Mileage: 51.7	FDI: 19.6
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Instantaneous Frequency		
Max	50.144	6:32:50
Min	49.831	21:07:40

15 minute Average Frequency		
Max	50.066	22:00:00
Min	49.887	21:15:00

No. of excursions	
above 50.03 Hz	185
below 49.97 Hz	130
above 50.00 Hz	165
below 50.00 Hz	153

Average time freq per excursion remains	
below 49.97	0:02:56
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	4:42:50
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)

