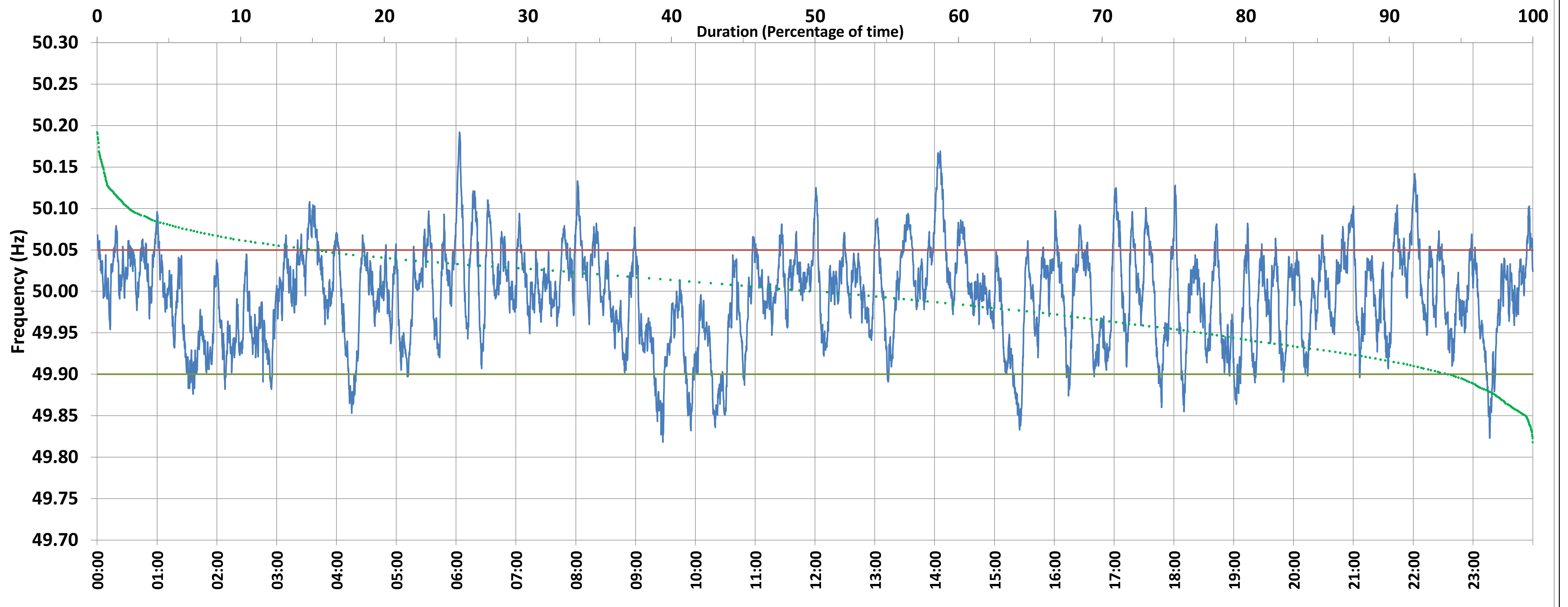


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-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	5.68	31.72	0.00	5.68	43.50	48.53	2.29	79.13	100.00	40.78	13.45	49.61	27.50	15.19	0.00	22.75	62.06	17.07

Average Frequency : 49.994	Frequency Variation Index : 0.0332	Standard Deviation : 0.0574	Mileage: 51.5	FDI: 20.9
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Instantaneous Frequency		
Max	50.192	6:03:20
Min	49.818	9:27:20

15 minute Average Frequency		
Max	50.098	14:15:00
Min	49.873	10:30:00

No. of excursions	
above 50.03 Hz	161
below 49.97 Hz	115
above 50.00 Hz	136
below 50.00 Hz	137

Average time freq per excursion remains	
below 49.97	0:03:58
above 50.03	0:02:28

No. of hours freq outside 49.9-50.05 Hz	5:00:30
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)

