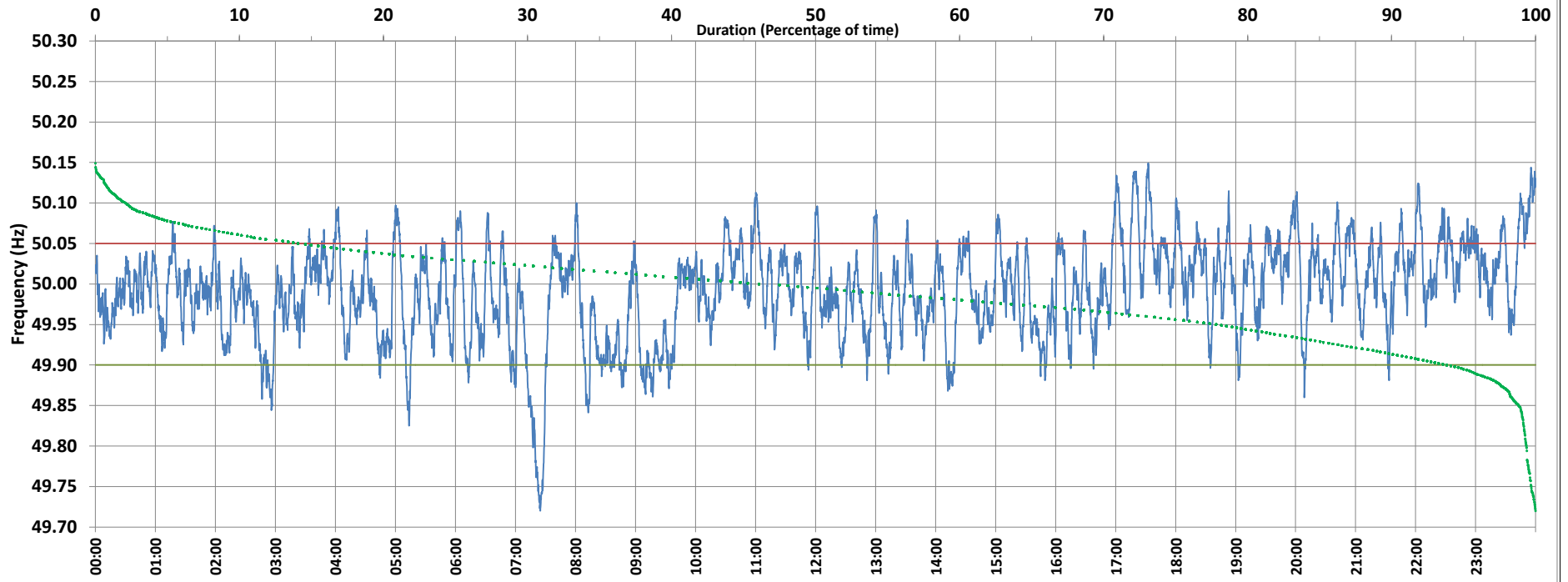


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Jan-2021 (Monday)



<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	5.89	32.00	0.64	5.25	46.62	45.34	2.15	80.06	100.00	43.26	12.49	46.06	24.73	14.05	0.00	21.83	64.12	15.94

Average Frequency : 49.991	Frequency Variation Index : 0.0347	Standard Deviation : 0.0582	Mileage: 50.0	FDI: 19.9
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Instantaneous Frequency		
Max	50.149	17:32:40
Min	49.720	7:24:40

15 minute Average Frequency		
Max	50.097	0:00:00
Min	49.784	7:30:00

No. of excursions	
above 50.03 Hz	123
below 49.97 Hz	131
above 50.00 Hz	128
below 50.00 Hz	126

Average time freq per excursion remains	
below 49.97	0:03:31
above 50.03	0:02:54

No. of hours freq outside 49.9-50.05 Hz	4:47:10
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)

