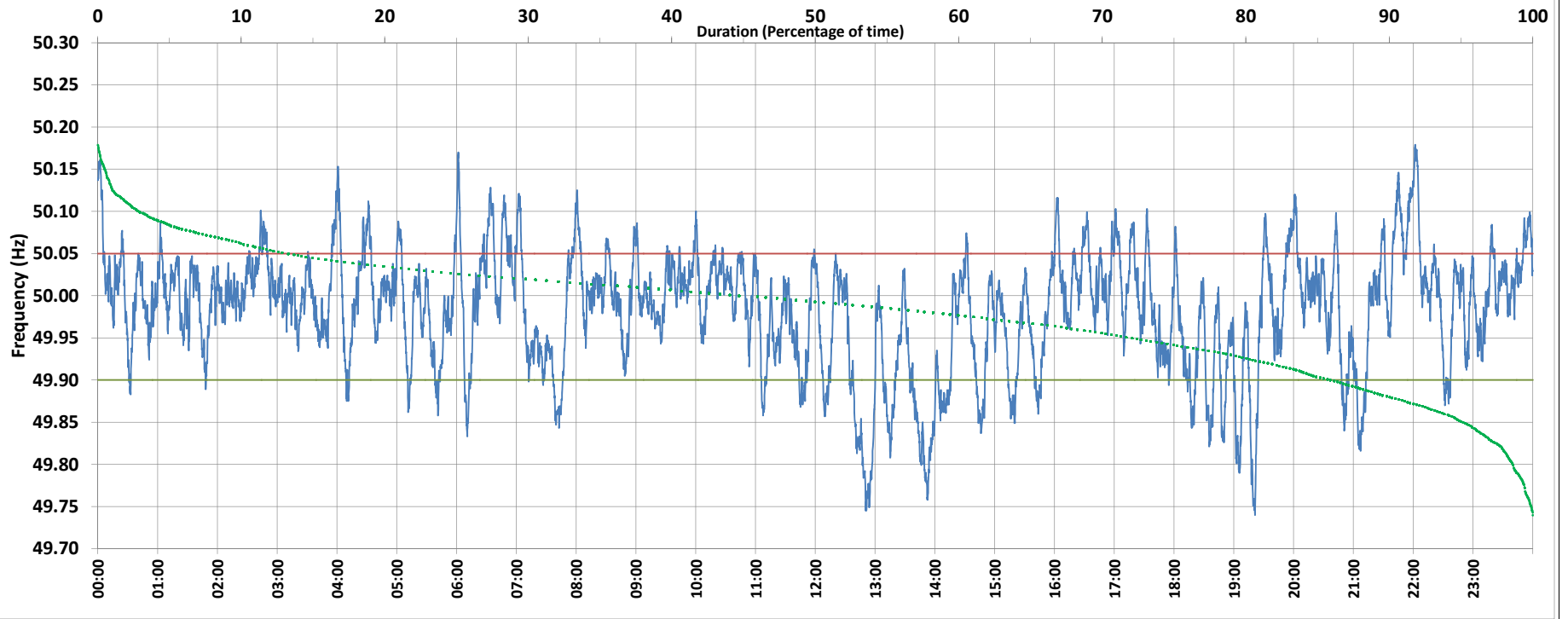


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-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	13.85	35.95	1.38	12.48	40.21	43.00	2.94	72.88	100.00	41.33	10.79	44.68	22.72	13.26	0.00	27.62	59.12	13.76

Average Frequency : 49.982	Frequency Variation Index : 0.0526	Standard Deviation : 0.0703	Mileage: 51.2	FDI: 27.1
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Instantaneous Frequency		
Max	50.179	22:02:00
Min	49.740	19:21:10

15 minute Average Frequency		
Max	50.091	22:00:00
Min	49.797	13:00:00

No. of excursions	
above 50.03 Hz	123
below 49.97 Hz	109
above 50.00 Hz	143
below 50.00 Hz	139

Average time freq per excursion remains	
below 49.97	0:04:45
above 50.03	0:02:40

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