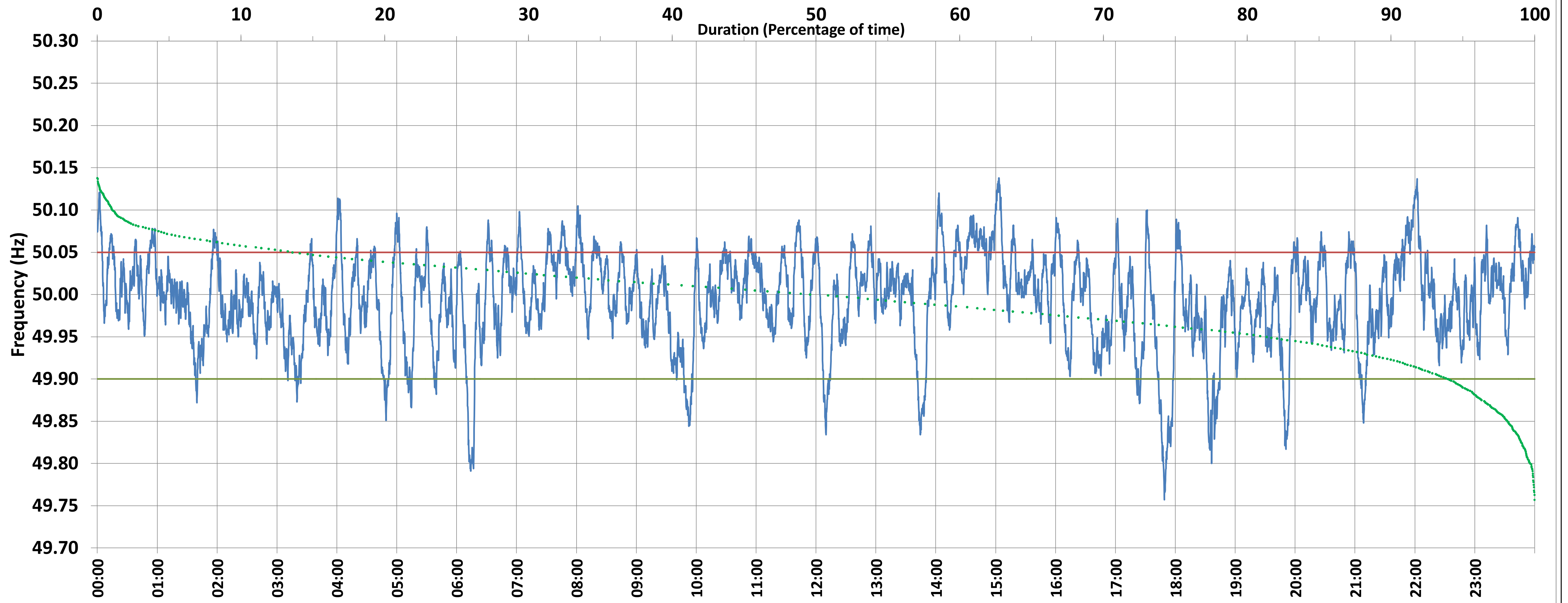


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Jan-2021 (Saturday)



<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	5.93	29.10	0.25	5.67	43.25	49.71	1.11	80.51	100.00	44.58	13.02	49.57	26.32	13.56	0.00	18.33	68.10	12.41

Average Frequency : 49.994	Frequency Variation Index : 0.0310	Standard Deviation : 0.0554	Mileage: 50.2	FDI: 19.5
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Instantaneous Frequency		
Max	50.138	15:03:10
Min	49.757	17:48:50

15 minute Average Frequency		
Max	50.067	14:45:00
Min	49.846	18:00:00

No. of excursions	
above 50.03 Hz	144
below 49.97 Hz	146
above 50.00 Hz	132
below 50.00 Hz	134

Average time freq per excursion remains	
below 49.97	0:02:52
above 50.03	0:02:38

No. of hours freq outside 49.9-50.05 Hz	4:40:40
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)