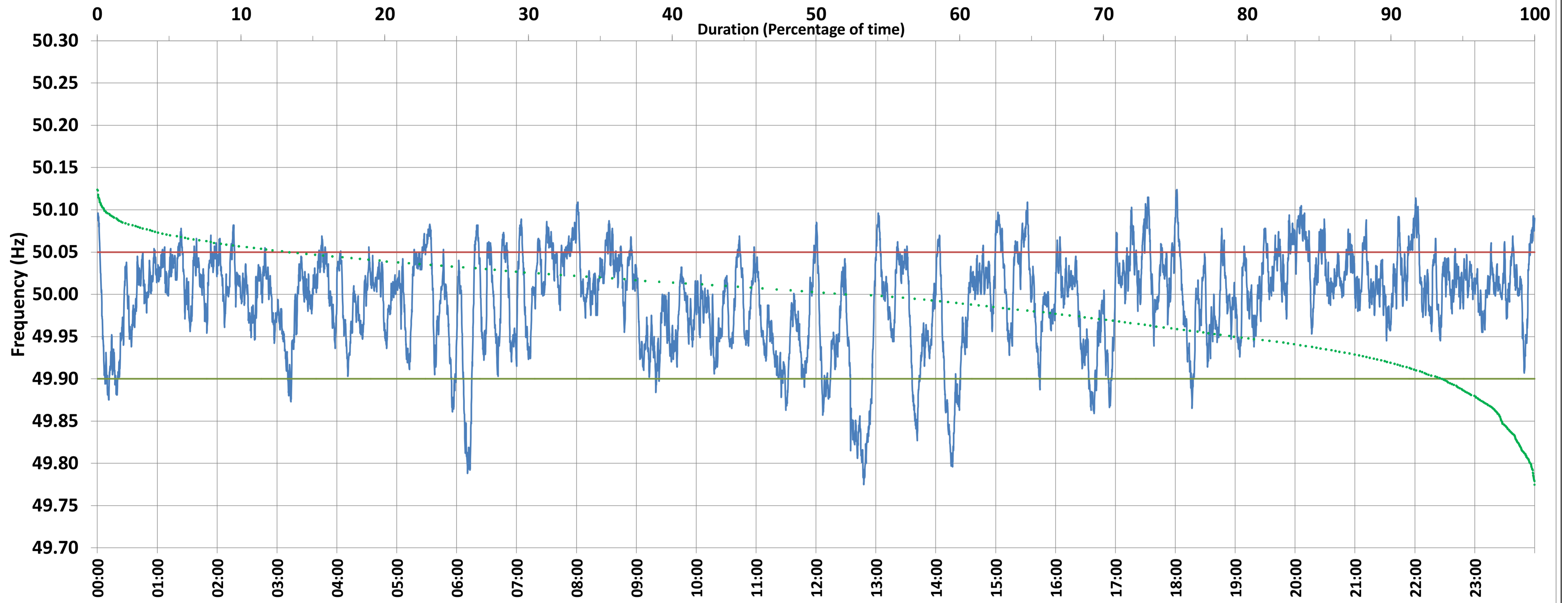


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-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	6.33	29.36	0.27	6.06	39.85	53.33	0.49	80.31	100.00	43.61	13.45	52.06	27.03	13.36	0.00	20.39	66.25	14.06

Average Frequency : 49.994	Frequency Variation Index : 0.0321	Standard Deviation : 0.0562	Mileage: 50.2	FDI: 19.7
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Instantaneous Frequency		
Max	50.124	18:01:30
Min	49.775	12:47:50

15 minute Average Frequency		
Max	50.070	20:15:00
Min	49.864	13:00:00

No. of excursions	
above 50.03 Hz	165
below 49.97 Hz	108
above 50.00 Hz	132
below 50.00 Hz	143

Average time freq per excursion remains	
below 49.97	0:03:55
above 50.03	0:02:22

No. of hours freq outside 49.9-50.05 Hz	4:43:30
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)

