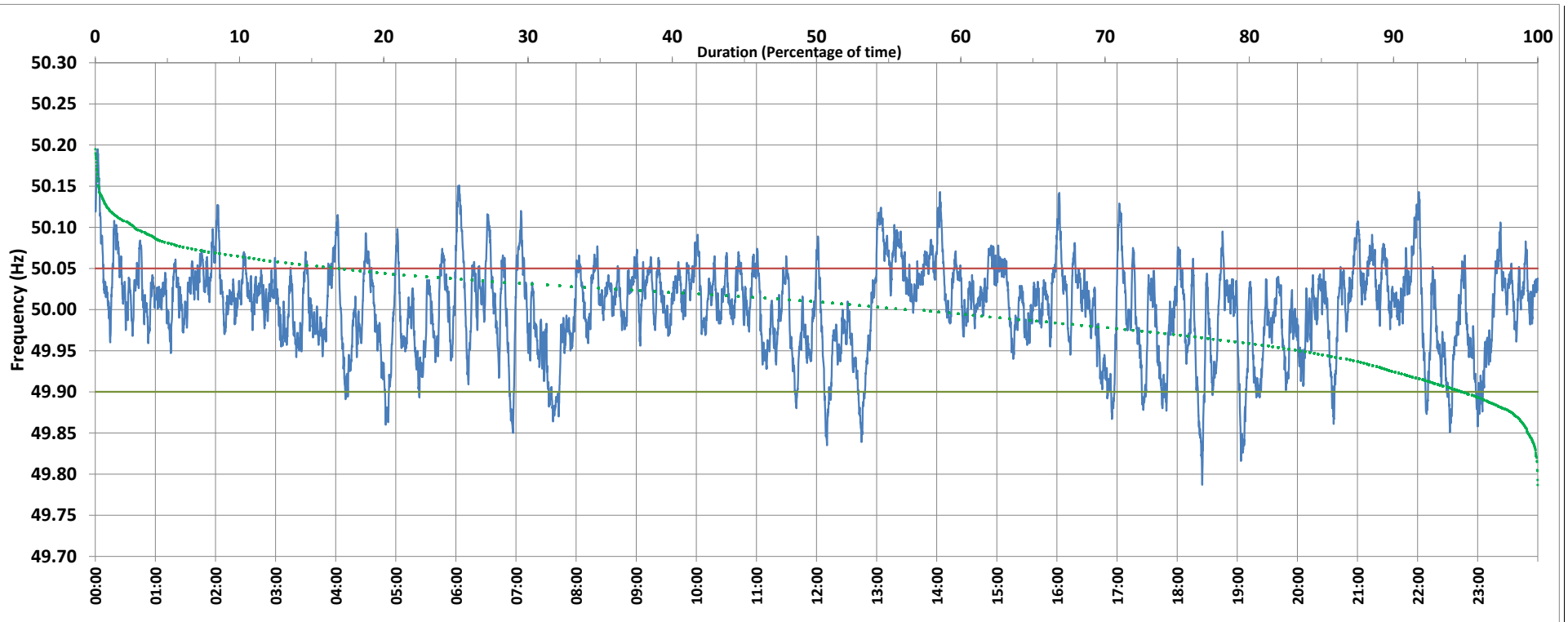


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Jan-2021 (Friday)



<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	5.09	24.78	0.02	5.07	37.45	54.70	2.75	78.03	100.00	43.89	14.57	56.12	31.33	16.88	0.00	16.15	66.98	11.05

Average Frequency : 50.002	Frequency Variation Index : 0.0300	Standard Deviation : 0.0548	Mileage: 48.9	FDI: 22.0
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Instantaneous Frequency		
Max	50.195	0:02:20
Min	49.787	18:25:00

15 minute Average Frequency		
Max	50.083	13:15:00
Min	49.900	7:45:00

No. of excursions	
above 50.03 Hz	190
below 49.97 Hz	101
above 50.00 Hz	125
below 50.00 Hz	121

Average time freq per excursion remains	
below 49.97	0:03:32
above 50.03	0:02:22

No. of hours freq outside 49.9-50.05 Hz	5:16:20
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)

