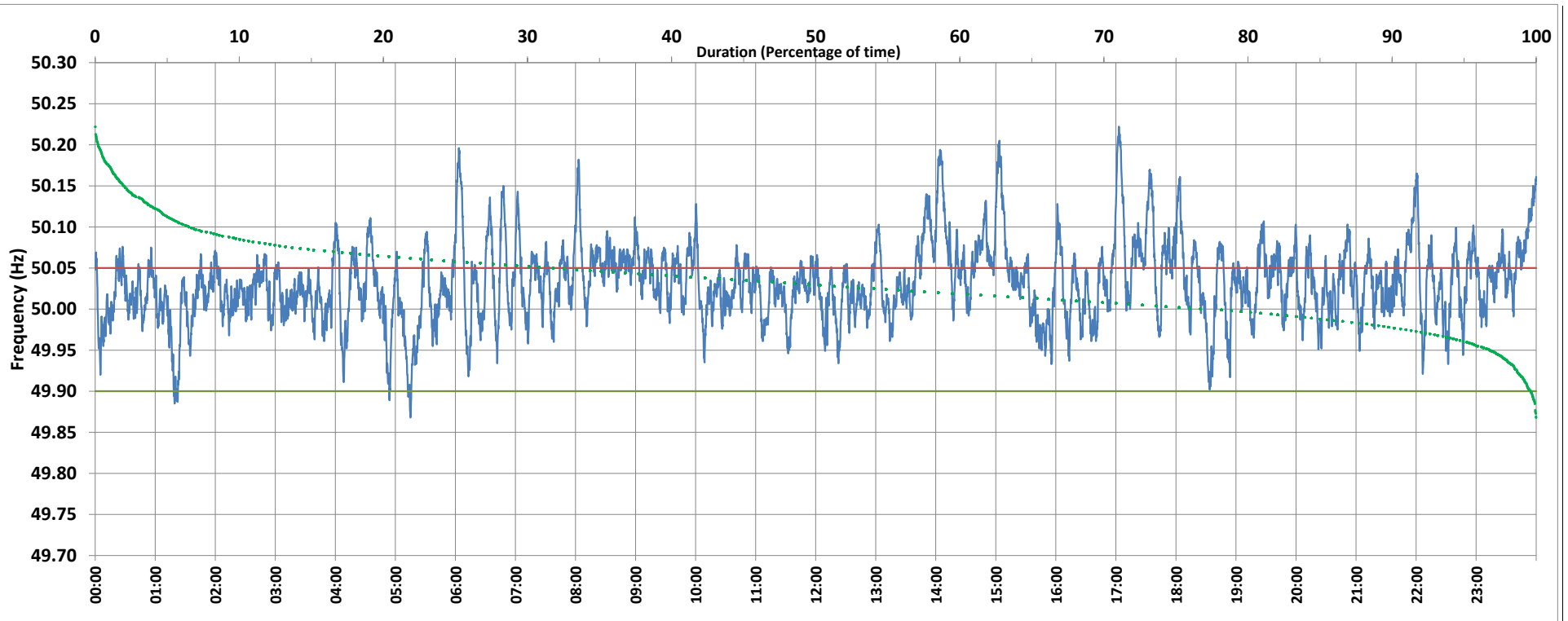


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 31-Jan-2021 (Sunday)



<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	0.37	7.06	0.00	0.37	21.48	71.49	6.45	67.87	99.79	43.45	26.05	76.70	49.49	31.76	0.21	3.10	65.14	2.73

Average Frequency : 50.032	Frequency Variation Index : 0.0320	Standard Deviation : 0.0467	Mileage: 48.5	FDI: 32.1
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Instantaneous Frequency		
Max	50.222	17:02:50
Min	49.868	5:15:00

15 minute Average Frequency		
Max	50.127	14:15:00
Min	49.956	1:30:00

No. of excursions	
above 50.03 Hz	178
below 49.97 Hz	64
above 50.00 Hz	138
below 50.00 Hz	129

Average time freq per excursion remains	
below 49.97	0:01:35
above 50.03	0:04:00

No. of hours freq outside 49.9-50.05 Hz	7:42:40
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)

