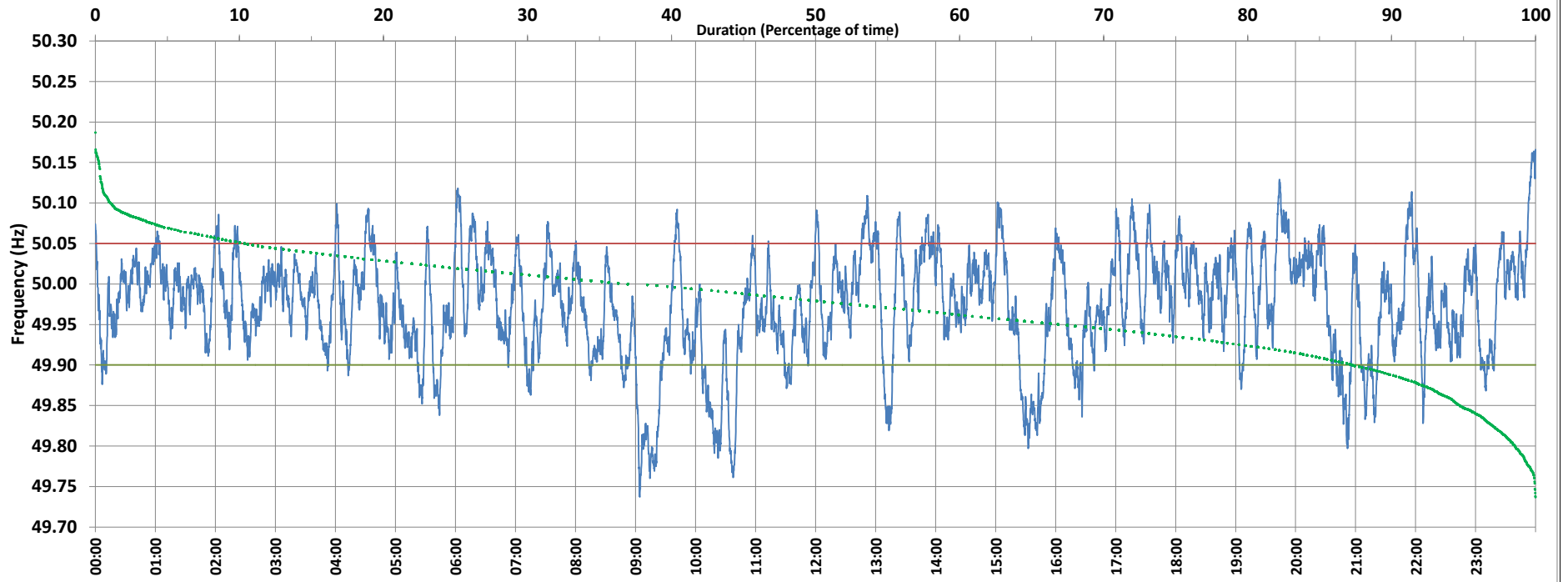


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 31-Dec-2020 (Thursday)



<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	12.58	43.88	1.42	11.16	49.11	37.20	1.11	77.07	100.00	36.96	9.54	36.97	19.17	10.35	0.00	32.52	57.13	19.94

Average Frequency : 49.974	Frequency Variation Index : 0.0501	Standard Deviation : 0.0658	Mileage: 50.7	FDI: 22.9
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Instantaneous Frequency		
Max	50.166	23:59:50
Min	49.737	9:04:10

15 minute Average Frequency		
Max	50.081	0:00:00
Min	49.807	9:15:00

No. of excursions	
above 50.03 Hz	113
below 49.97 Hz	115
above 50.00 Hz	121
below 50.00 Hz	109

Average time freq per excursion remains	
below 49.97	0:05:30
above 50.03	0:02:27

No. of hours freq outside 49.9-50.05 Hz	5:30:10
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)