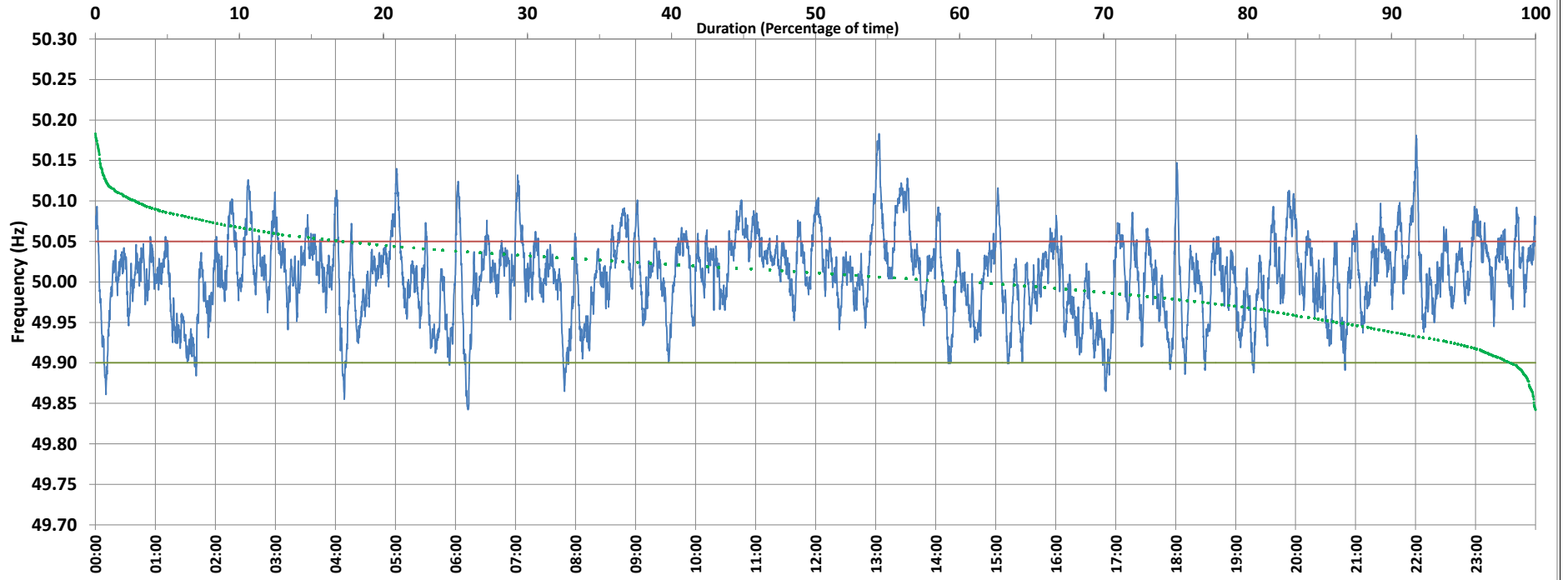


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 26-Dec-2020 (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	1.66	20.38	0.00	1.66	36.92	58.60	2.82	81.17	100.00	47.59	15.08	59.70	32.03	17.18	0.00	13.43	69.40	11.77

Average Frequency : 50.008	Frequency Variation Index : 0.0247	Standard Deviation : 0.0491	Mileage: 49.8	FDI: 18.8
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Instantaneous Frequency		
Max	50.183	13:03:30
Min	49.842	6:12:30

15 minute Average Frequency		
Max	50.082	13:15:00
Min	49.928	17:00:00

No. of excursions	
above 50.03 Hz	181
below 49.97 Hz	88
above 50.00 Hz	150
below 50.00 Hz	148

Average time freq per excursion remains	
below 49.97	0:03:20
above 50.03	0:02:33

No. of hours freq outside 49.9-50.05 Hz	4:31:10
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Source : BONGAIGAN:Frequency 10 Sec. (8640 samples)