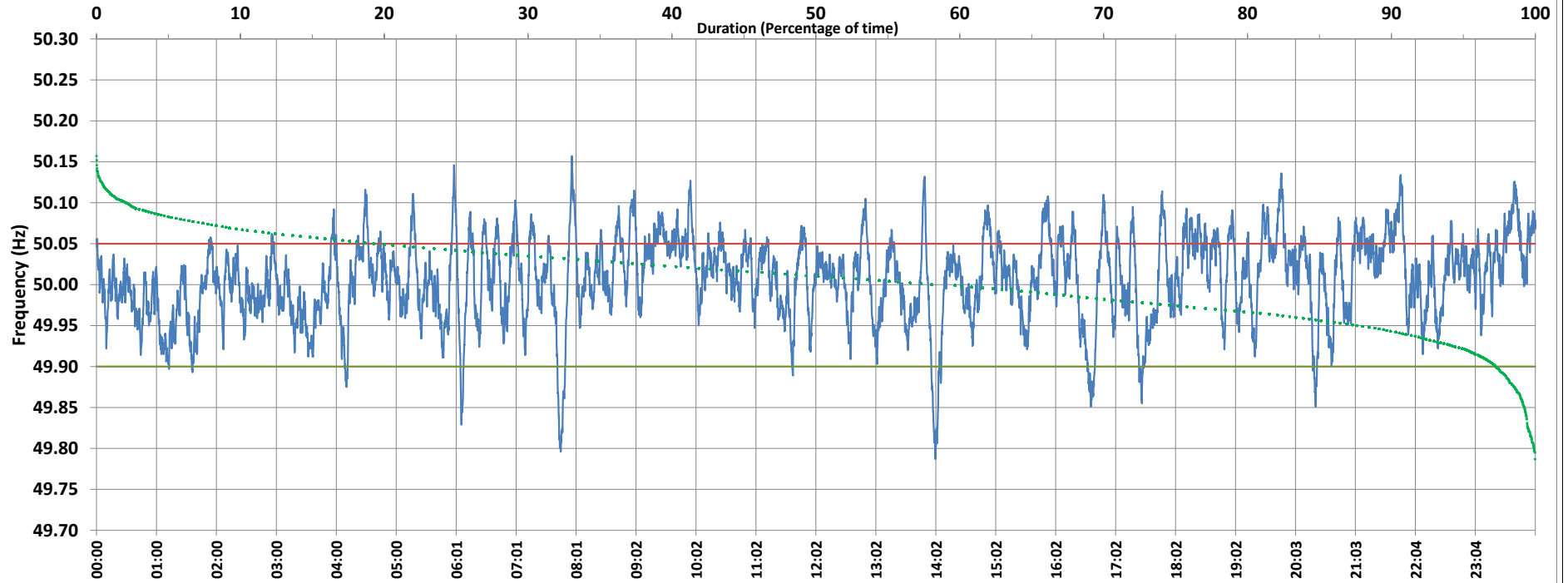


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 23-Dec-2020 (Wednesday)



<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	2.71	21.52	0.07	2.64	37.62	57.49	2.19	78.03	100.00	44.34	17.97	58.04	34.14	19.26	0.00	11.99	68.75	9.28

Average Frequency : 50.007	Frequency Variation Index : 0.0263	Standard Deviation : 0.0508	Mileage: 50.4	FDI: 22.0
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Instantaneous Frequency	
Max	50.157 7:57:40
Min	49.787 14:01:40

15 minute Average Frequency	
Max	50.084 23:45:00
Min	49.926 16:45:00

No. of excursions	
above 50.03 Hz	162
below 49.97 Hz	135
above 50.00 Hz	130
below 50.00 Hz	129

Average time freq per excursion remains	
below 49.97	0:02:18
above 50.03	0:03:02

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