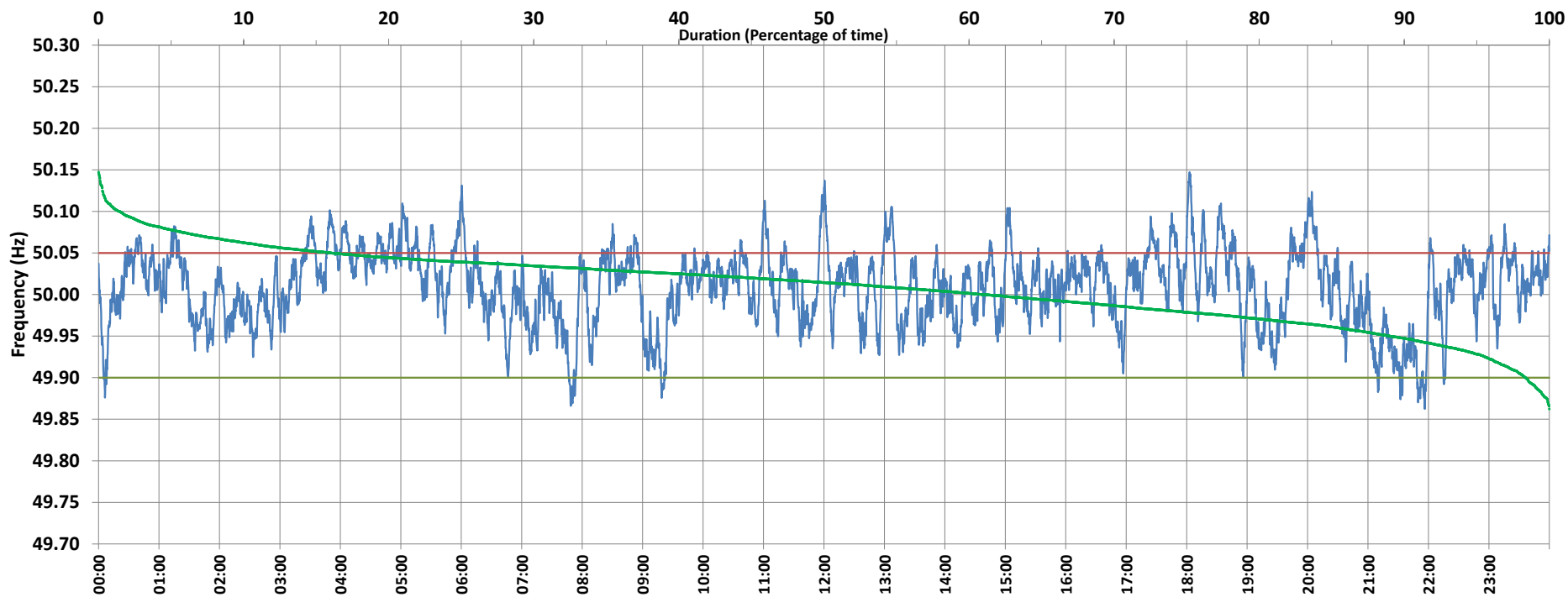


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Apr-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	1.66	19.65	0.00	1.66	37.42	59.48	1.45	82.31	100.00	45.81	14.58	60.93	34.54	16.03	0.00	11.01	72.96	9.35

Average Frequency : 50.009	Frequency Variation Index : 0.0213	Standard Deviation : 0.0453	Mileage: 41.7	FDI: 17.7
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Instantaneous Frequency		
Max	50.147	18:02:50
Min	49.862	21:56:20

15 minute Average Frequency		
Max	50.066	20:15:00
Min	49.907	22:00:00

No. of excursions	
above 50.03 Hz	195
below 49.97 Hz	121
above 50.00 Hz	157
below 50.00 Hz	156

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

No. of hours freq outside 49.9-50.05 Hz	4:14:40
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Source : BALIPARA 10 Sec. (8640 samples)