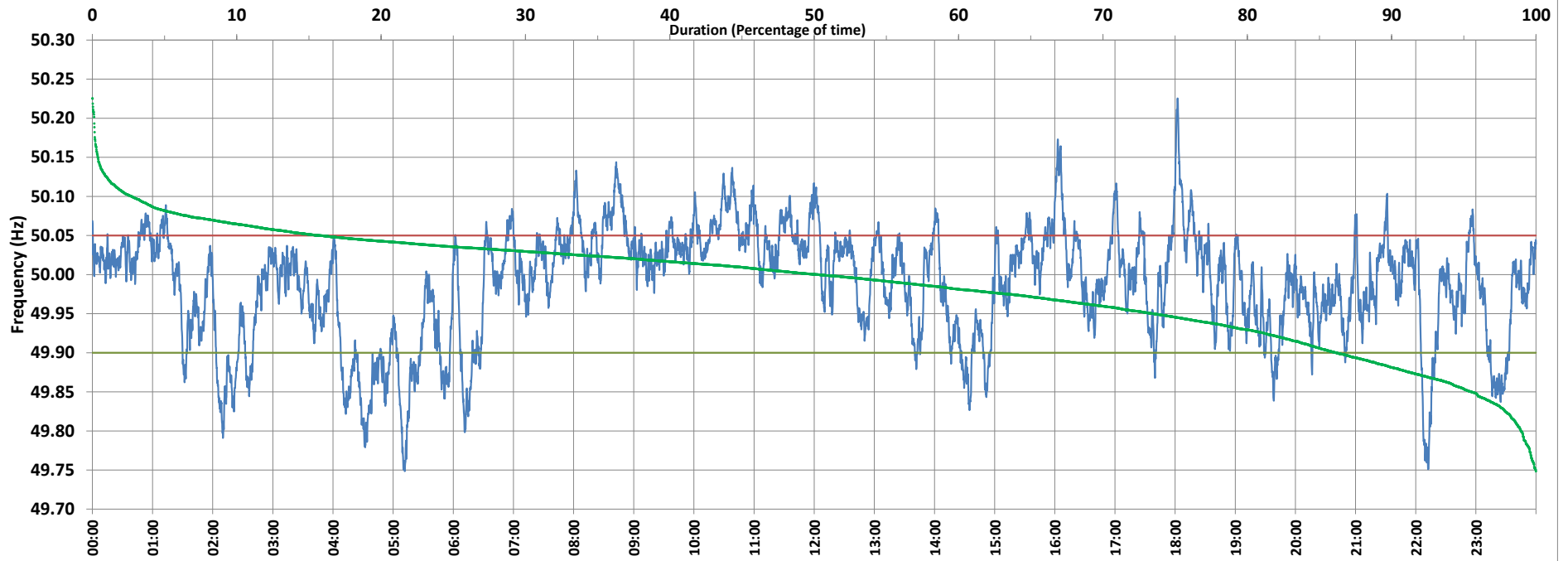


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-May-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	13.84	34.29	1.04	12.80	35.91	47.52	2.59	70.44	99.87	36.06	13.00	50.24	29.64	15.72	0.13	26.52	57.77	12.67

Average Frequency : 49.987	Frequency Variation Index : 0.0516	Standard Deviation : 0.0707	Mileage: 43.6	FDI: 29.6
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Instantaneous Frequency		
Max	50.225	18:02:20
Min	49.748	5:11:30

15 minute Average Frequency		
Max	50.104	18:15:00
Min	49.839	4:45:00

No. of excursions	
above 50.03 Hz	163
below 49.97 Hz	105
above 50.00 Hz	138
below 50.00 Hz	137

Average time freq per excursion remains	
below 49.97	0:04:42
above 50.03	0:02:37

No. of hours freq outside 49.9-50.05 Hz	7:05:40
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Source : AGRA 10 Sec. (8640 samples)