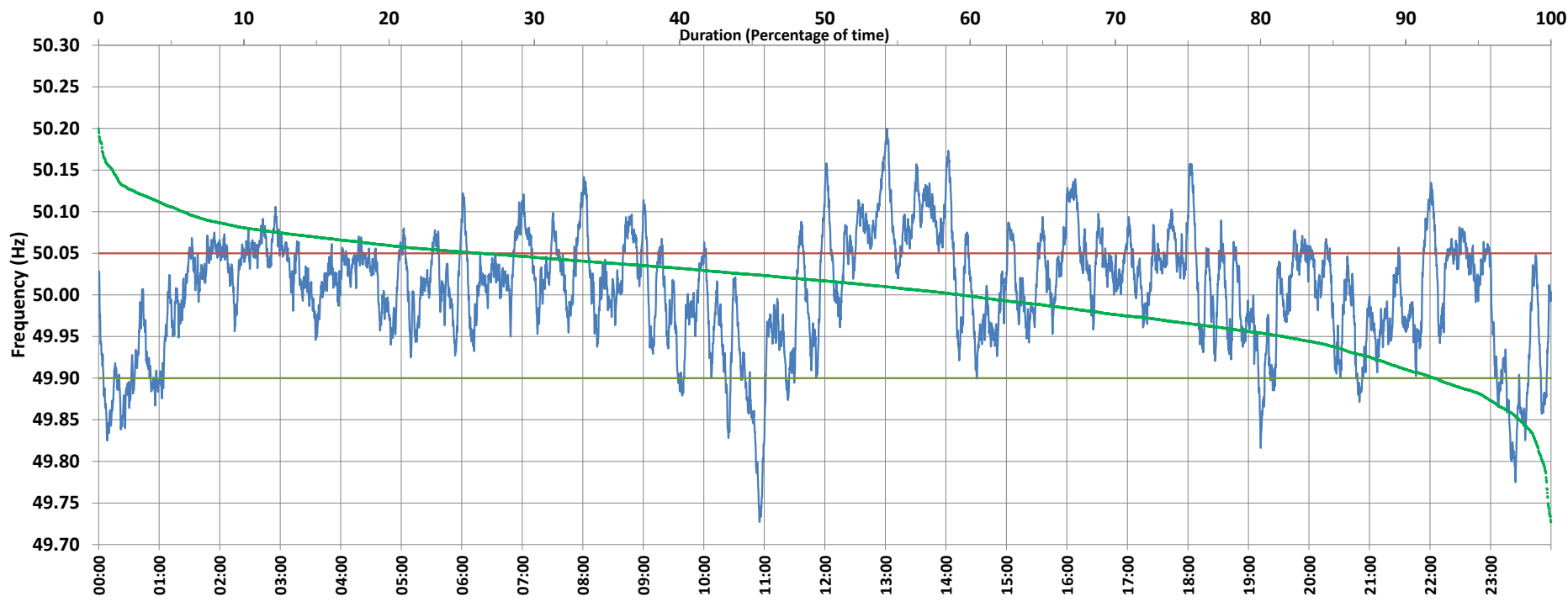


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Apr-2021 (Tuesday)



<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	8.06	26.84	0.59	7.47	32.57	53.56	5.81	65.65	100.00	31.85	20.49	59.38	41.31	26.30	0.00	18.40	55.30	10.35

Average Frequency : 50.006

Frequency Variation Index : 0.0464

Standard Deviation : 0.0679

Mileage: 41.6

FDI: 34.4

Instantaneous Frequency		
Max	50.200	13:01:30
Min	49.727	10:55:10

15 minute Average Frequency		
Max	50.118	13:45:00
Min	49.810	11:00:00

No. of excursions	
above 50.03 Hz	131
below 49.97 Hz	102
above 50.00 Hz	102
below 50.00 Hz	101

Average time freq per excursion remains	
below 49.97	0:03:47
above 50.03	0:04:32

No. of hours freq outside 49.9-50.05 Hz	8:14:40
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Source : AGRA 10 Sec. (8640 samples)