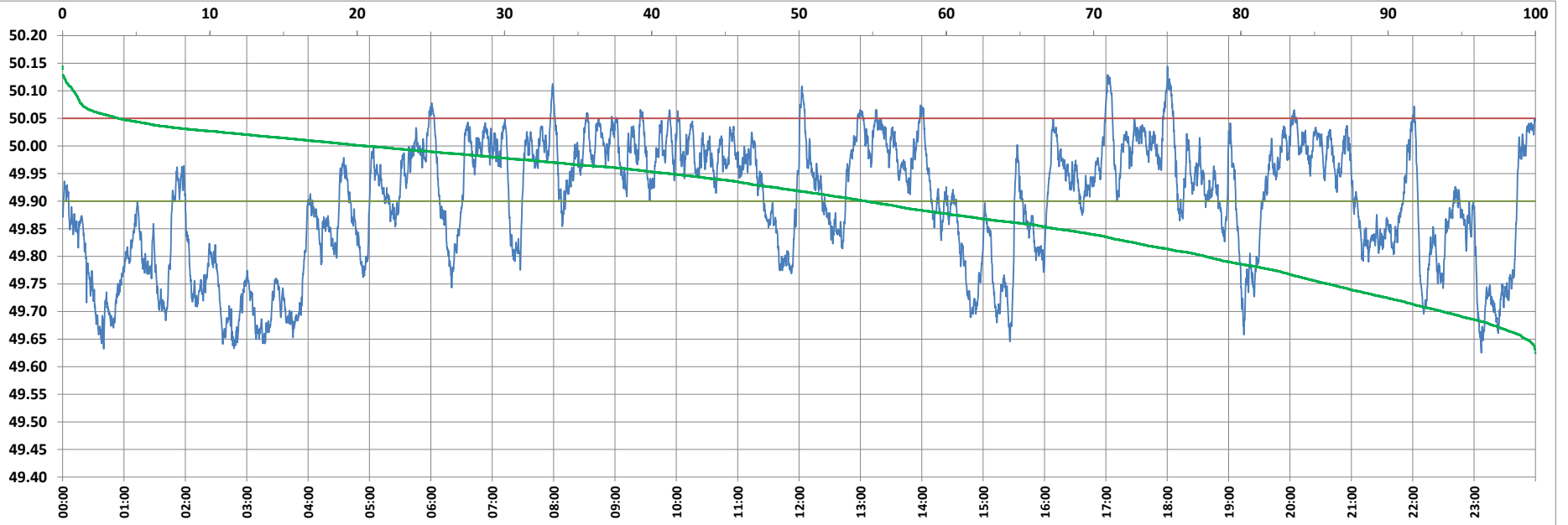


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Apr-2022 (Thursday)



<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
6.31	45.44	66.64	16.11	23.02	33.98	19.84	0.74	50.76	93.69	24.64	3.06	20.58	8.72	3.80	0.00	58.80	37.41	13.36

Average Frequency : 49.897

Frequency Variation Index : 0.2317

Standard Deviation : 0.1124

Mileage: 44.8

FDI: 49.2

Instantaneous Frequency	
Max	50.144 18:00:10
Min	49.625 23:07:00

15 minute Average Frequency	
Max	50.025 20:15:00
Min	49.688 0:45:00

No. of excursions	
above 50.03 Hz	80
below 49.97 Hz	96
above 50.00 Hz	100
below 50.00 Hz	100

Average time freq per excursion remains	
below 49.97	0:10:00
above 50.03	0:01:34

No. of hours freq outside 49.9-50.05 Hz	
	11:49:00

Source : BALIPARA 10 Sec. (8640 samples)