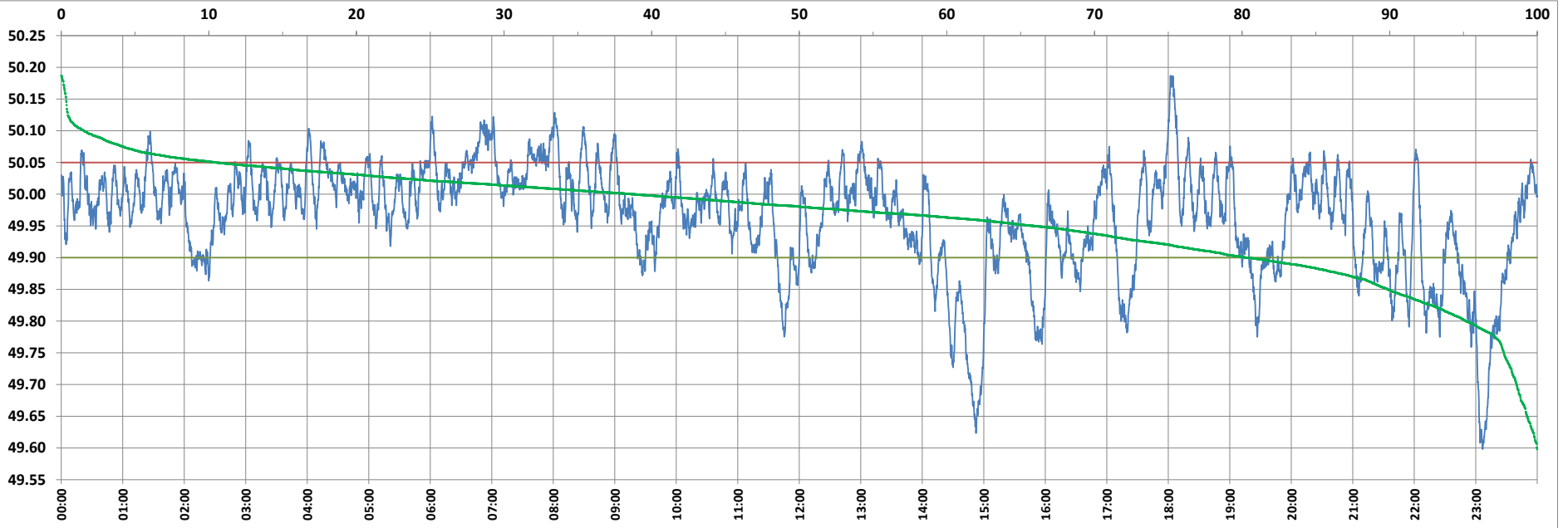


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-May-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
1.41	19.75	43.97	3.43	14.91	41.53	37.18	1.55	69.75	98.59	35.52	8.96	38.73	20.51	10.51	0.00	34.07	55.42	14.33

Average Frequency : 49.964	Frequency Variation Index : 0.0847	Standard Deviation : 0.0848	Mileage: 42.2	FDI: 30.3
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.187	18:02:10
Min	49.598	23:06:40

15 minute Average Frequency		
Max	50.091	7:00:00
Min	49.672	23:15:00

No. of excursions	
above 50.03 Hz	102
below 49.97 Hz	125
above 50.00 Hz	139
below 50.00 Hz	138

Average time freq per excursion remains	
below 49.97	0:05:04
above 50.03	0:02:54

No. of hours freq outside 49.9-50.05 Hz	7:15:40
---	---------

Source : BALIPARA 10 Sec. (8640 samples)