

# Evaluation Report: Trialling Apollo™ Smart Panels in NHS primary care settings

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# Contents

Summary .....	2
Introduction .....	3
Methodology .....	4
Trial design.....	4
Data Collection.....	6
Data Analysis.....	6
Results .....	7
Discussion .....	9
Recommendations.....	10
Testimonial .....	11
References.....	12
Acknowledgements.....	13
APPENDIX.....	14

## Summary

Phase change materials (PCMs) are substances that absorb and release large amounts of thermal energy while melting and freezing [1]. In this study we evaluate the efficacy of BioPCM®- platform based Apollo™ Smart Panels [2] developed by Phase Change Solutions (PCS) in a primary care use-case. This real-world evaluation was configured to test the reproducibility of the reported temperature regulating properties and performance of Phase Change Solutions (PCS) Apollo™ Smart Panels [3] in NHS general practice surgeries. The trial was hosted in 3 GP surgeries within the WGGL Primary Care Network (PCN) [4]. The three sites were Guildhall Surgery, Glemsford Surgery and Long Melford Practice.

For the trial, each GP surgery was provided with 2 LABCOLD 340-litre RLDF1019 pharmacy grade fridges. Each surgery had a test fridge with 5 Apollo™ Smart Panels retrofitted to the fridge shelves. An identical second fridge containing no panels was used as a control. We conducted a series of test cycles where the fridges were switched off simultaneously for a 24-hour period to simulate a sustained power outage. We ran a total of 12 cycles across the 3 sites. The data from the temperature sensors was collected at seven-minute intervals to monitor the temperature at regular time points inside each fridge.

Results show that test fridges fitted with the 5 Apollo™ Smart Panels were able to maintain their temperature more effectively than their matched control fridge. The fridges equipped with the Apollo™ Smart Panels took an average time ranging from 2 hours and 20 minutes  $\pm$  15 minutes (at the top shelf in the fridge) to 8 hours  $\pm$  42 minutes (at the bottom shelf in the fridge) to breach a threshold of 8°C. These results were a significant improvement on the results from the control fridges where an average range of 40 minutes  $\pm$  4 minutes (top of the fridge) to 1 hour  $\pm$  5 minutes (bottom of the fridge) time elapsed to breaching a threshold of 8°C.

Our findings show that retrofitting Apollo™ Smart Panels to existing refrigeration units extend the recommended temperature range for temperature critical products for longer periods of time compared to conventional fridges, in the event of power failure. Our findings raise important considerations around cold chain security and optimal reagent placement in fridges.

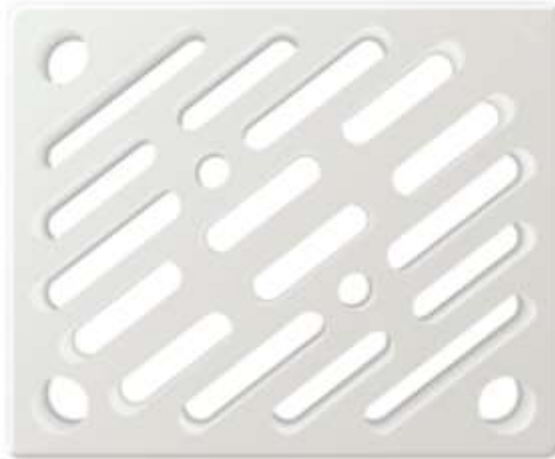
## Introduction

The storage and maintenance of medicines and vaccines within a specific temperature range is crucial for ensuring their stability and efficacy. Typically, these products need to be stored between 2°C and 8°C to retain their desired properties [5]. Deviations from this temperature range can lead to diminished immunogenicity in vaccines and compromise the effectiveness of medicines. To safeguard their integrity, medicines and vaccines must be carefully managed within a controlled temperature environment throughout the supply chain, from production to administration. This management process is commonly referred to as a "cold chain", a term used to describe the specific temperature conditions in which vaccines should be kept during storage and distribution to protect against loss of potency [6]. Furthermore, unbroken cold chain is an uninterrupted series of refrigerated production, storage and distribution activities, along with associated equipment and logistics, which maintain quality via a desired low-temperature range. Cold chain breaches compromise the efficacy of vaccines. Therefore, cold chain management is crucial to ensure vaccines and medicines remain effective and are not wasted.

In 2022, instances of cold chain breaches in the UK resulted in vaccines alone worth £2.9 million being wasted [7]. This figure did not include other types of medicines. These breaches can result in the violation of manufacturers' guarantees and guidelines regarding medicine and vaccine storage, necessitating the administration of these agents off licence or at worst resulting in the disposal of affected stock.

Existing pharmacy grade fridges can typically maintain the required temperature range to maintain cold chain for up to only one hour after power loss, thereby exacerbating the risk of cold chain breaches. There is an unmet need for innovation to help reduce the number of cold chain breaches.

To address this challenge, PCS Apollo™ Smart Panels (Figure 1) have been developed with the aim of extending the time before a cold chain breach temperature threshold is reached. These panels utilise Biological Phase Change Material technology (BioPCM®) to enhance temperature management capabilities. As BioPCM® absorbs and releases heat, the material can transition phases between solid-to-gel and gel-to-solid, which is a key differentiator from existing PCMs that transition between solid-to-liquid [2]. By integrating these panels into the cold chain infrastructure, it is anticipated that the duration for which vaccines can remain within the acceptable temperature range, for example during power interruptions, can be prolonged.



**Figure 1: PCS Apollo™ Smart Panels**

## Methodology

### Background

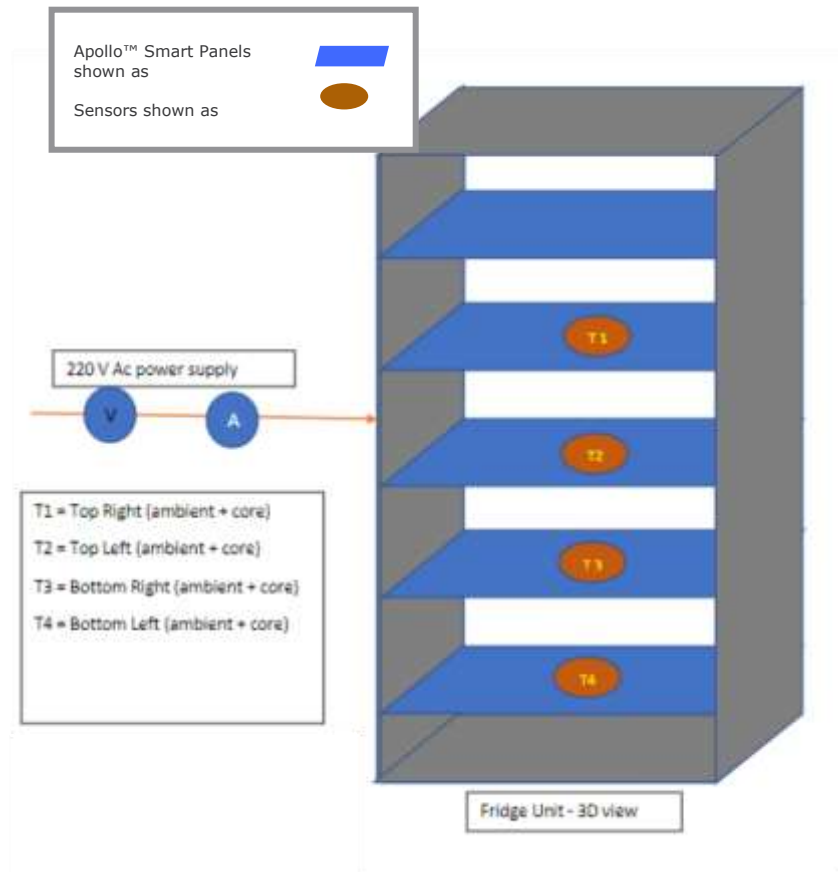
The trial was established to assess the effectiveness of Apollo™ Smart Panels in safeguarding vaccines during simulated power outages in NHS primary care practices. Three NHS primary care practices within WGGL PCN were selected as the test sites for this evaluation. They were Guildhall Surgery, Glemsford Surgery, and Long Melford Practice. It was important to find real-world sites for testing the panels. Real-world testing provides an environment to test out innovation where any barriers to adoption of a new technology can be considered and where the most appropriate evidence to support better adoption at scale can be generated [8].

### Trial design

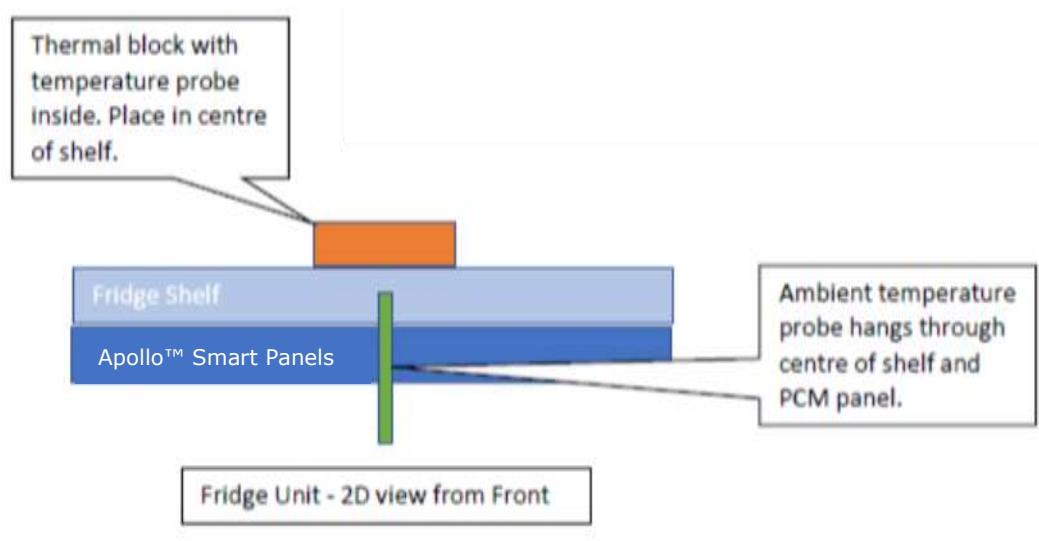
Each participating practice was provided with two identical medical-grade 340-litre RLDF1019 fridges manufactured by LABCOLD. One fridge was equipped with 5 Apollo™ Smart Panels (Figure 1), attached to each shelf with provided cable ties, while the other fridge, without panels, served as a control.

The testing cycles were designed to simulate a prolonged power outage. During each cycle, the power to both fridges at each site were simultaneously switched off. The time of the power outage was recorded for each cycle. The test fridges were switched off for 24 hours to observe the rise in temperature inside the fridges. After 24 hours the fridges were switched back on. The fridges were left for a minimum of 48 hours between cycles to allow the panels to be fully recharged. This constituted 1 cycle. To ensure the data was consistent, we ran a total of 12 cycles in the three practices.

Four temperature sensors (T1- T4) were placed in the same location within each fridge (Figure 2) to ensure accurate measurements. The fridges were also equipped with simulation blocks which mimicked the vaccines. Each sensor recorded ambient temperatures (outside the simulation block) and core temperatures (inside the simulation block). Temperature readings were automatically recorded at 7-minute time intervals to monitor the cooling performance of the fridges.



**Figure 2: Fridge Schematic**



**Figure 3: temp. sensors**

## Data Collection

For data monitoring and capture, we partnered with Invisible System, a leading UK Internet of Things (IoT) solution provider [9]. Temperature data from the sensors were automatically uploaded at regular intervals to Invisible System's web based IoT sensor dashboard every ~7 minutes. From this dashboard, we were able to view the data in real-time and collect it in a csv format for analysis. We coordinated with the practices to record the time when they had turned off the fridges for each cycle.

## Data Analysis

The collected temperature data and durations for the fridges to breach a threshold of 8°C were analysed to provide insights into the performance of the fridges with Apollo™ Smart Panels. The date/time column in the dataset was set as the index, allowing for easy manipulation and exploration of the time-series data.

The temperature sensors were programmed to record the temperature inside the fridge every ~7 minutes even when the fridges were switched off. However, while looking at the data, it was found that some of the sensors did not record the temperature at the programmed intervals and skipped data points. To address this, we used linear interpolation to estimate the missing values. Interpolation involved calculating the average of the two surrounding data points to estimate the missing values. This ensured a continuous and smooth time-series dataset.

It was also noted that the timestamps for each temperature sensor data varied with each other. To ensure standardised datapoints for all sensors, the data was bucketed into 10-minute intervals. This process involved grouping the temperature readings within each 10-minute time interval, resulting in identical time intervals across the dataset.

Furthermore, to meaningfully compare the data from all of the 12 cycles, we transformed the time column to get the time duration following the fridges being turned off (DIFF column shown in appendix). We did this by subtracting the time when the fridges were switched off from the current time recording (ROW LABELS column shown in appendix).

The average temperature for each sensor across all cycles was calculated. This involved taking the mean of all temperature values for each sensor, providing a representative value for the sensor's average temperature. Graphs were created to illustrate the temperature rise over time for each sensor. Line plots were generated to visualize the trends and patterns in the temperature data, showcasing the variations and patterns observed during the cycles.

Lastly, the time taken for each sensor to breach a threshold of 8°C was noted for all 12 cycles based on the data highlighted in appendix. Their average (rounded down to the nearest 10-minute interval), standard deviation and margins of error for 95% confidence level were calculated and compared. Standard deviation and Margin of error was calculated using:

$$\sigma = \sqrt{\frac{\sum_{i=1}^n (x - \bar{x})^2}{n}} \quad \text{and} \quad \text{Margin of error} = \frac{Z \times \sigma}{\sqrt{n}}$$

Where  $\sigma$  = standard deviation,  $x$  = time duration,  $\bar{x}$  = mean time duration,  $Z = 1.96$  (based on 95% confidence level) and  $n = 12$

## Results

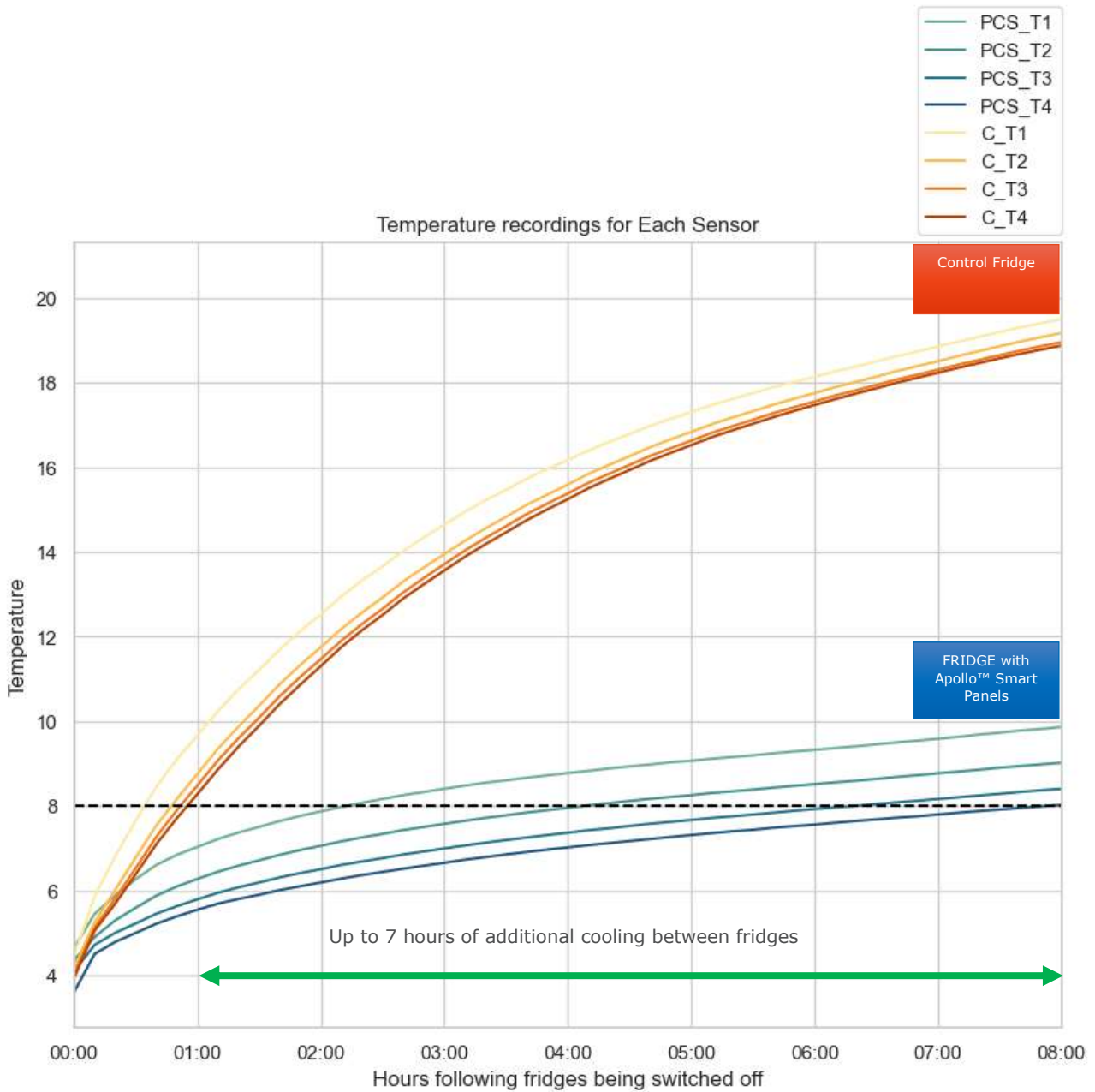
The average time it took for each shelf to breach a threshold of 8°C for all 12 cycles is highlighted in Table 1. For reference, we take the first-time interval when the temperature breached a threshold of 8°C (first value which is > 8°C).

SENSOR	FRIDGE WITH APOLLO™ SMART PANELS		CONTROL FRIDGE	
	Average Time to breach 8°C	Margin of error (minutes)	Average Time to breach 8°C	Margin of error (minutes)
T1	02:20:00	15	00:40:00	4
T2	04:10:00	35	00:50:00	5
T3	06:30:00	48	00:50:00	6
T4	08:00:00	42	01:00:00	5

**Table 1: Average time taken for each sensor to breach a threshold of 8°C**

The performance of the 2 fridges (test vs control) was also visualised with the help of a line plot of the mean temperatures for all the sensors (Figure 4). PCS labelled sensors shown in blue-toned colour lines represent the sensors in the fridge equipped with the Apollo™ Smart Panels whereas sensors labelled C (red-toned lines) represent the sensors in the control fridge.





**Figure 4: Line Plot for average time taken for each sensor to cross 8°C**

The visualisation offers a clear representation of the temperature rise, enabling a better understanding of the temperature dynamics in the fridges.

This information was particularly valuable as it enabled us to calculate the duration for each sensor to breach the threshold of 8°C. By quantifying these durations, we gained insights into the efficiency and performance of the fridges equipped with Apollo™ Smart Panels.

## Discussion

There are a wide range of cold chain drugs including vaccines, glaucoma eye drops, some aerosol agents for asthma, insulin, biologics and cancer agents such as chemotherapy drugs [10] all vulnerable to breaches in cold chain.

There has been a notable lack of innovation in helping prevent cold chain breaches in primary care healthcare refrigeration and this has been supported by stakeholder feedback from Public Health England (PHE) and the Care Quality Commission (CQC). One notable innovation has been the introduction of real-time remote monitoring and alerting of fridge temperature breaches. In 2020, Eastern AHSN commissioned an evaluation of such technology in GP surgeries in Suffolk [11]. The evaluation was effective in evidencing a reduction in the workload of healthcare professionals involved in manual monitoring of temperatures. However, the results did not show a reduction in medicines wastage insurance claims post-implementation. From our study here, we have shown that during power outages, pharmacy grade refrigeration units give up to one hour of cold chain protection before temperature thresholds are breached. Even with real time alerts, this short period of time can be insufficient for effective intervention. Further innovation is clearly needed alongside real time temperature monitoring and alerting to increase the time gap from outage to intervention. This will hopefully provide sufficient time to restore power or move temperature sensitive stock to alternative facilities.

The results of our study indicate that Apollo™ Smart Panels effectively maintained a temperature range of 2°C to 8°C for up to 8 hours ± 42 minutes through the simulated power outages. From our data, we suggest that the point at which an individual fridge is turned off during a compressor cycle will be one factor contributing to the observed margin of error for each shelf to breach the threshold of 8°C. If a fridge is turned off towards the end of a compression cycle, the fridge will be cooler as compared to one turned off towards the start of the compression cycle. It is also worth noting that the confidence intervals presented in this study may be overestimated due to the skewed nature of the data. Furthermore, the installation and operation of the panels were relatively straightforward, requiring no additional training. Once installed, the fridge performed routinely with no additional hardware required.

The impact of these results is significant as there are several challenges to primary care sites when a cold chain breach occurs. GP surgeries need to adhere to strict protocols to ensure safe management of vaccines and temperature sensitive medicines. This can place additional burden on the healthcare professionals. The protocols encompass contacting the manufacturers of each of the vaccines and medicines affected to assess their efficacy. Each medicine and vaccine affected is then segregated as per the manufacturer's requirements, reporting the incident on ImmForm (UKHSA website used to collect data on vaccine uptake for immunisation programmes and to provide vaccine ordering

facilities for the national immunisation programme) and providing comprehensive documentation of the disposed vaccines and the underlying cause. As vaccines are pre-ordered at set times in the year to match production, disposal of stock could provide significant challenges in replacing this stock and could impact patient care.

Feedback from CQC has highlighted some key points. Providers of care need to evidence their service is well-led. CQC define this as 'the leadership, management and governance of the organisation make sure it's providing high-quality care that's based around your individual needs, that it encourages learning and innovation, and that it promotes an open and fair culture' [12]. Implementation of Apollo™ Smart Panels into provider sites would help provide evidence to meet this requirement.

The evaluation study demonstrates that retro-fitting Apollo™ Smart Panels to all primary care refrigeration units would offer surgeries and health centres significantly more time to safeguard their vaccines in scenarios involving extended power outages.

The findings provide valuable insights for healthcare authorities and practitioners in the UK and should encourage the wide-spread adoption of this technology as an essential measure to mitigate risks associated with power interruptions and improve vaccine storage practices in primary care settings.

Another important consideration is the estimation of the carbon footprint in general practice suggesting that between 65% and 90% is associated with pharmaceutical prescribing [13, 14]. We suggest that the widespread adoption of Apollo™ Smart Panels across primary care settings could help impact this figure by reducing wastage associated with cold chain breaches.

We have identified further use-cases for this technology through stakeholder engagement. These include care homes where both medicine and food storage refrigeration are CQC regulated. In hospital settings there are medicine fridges on every ward and there are agents such as chemotherapy drug preparations that are required to be kept within strict temperature ranges. A cost/benefit analysis for each use-case will be required to fully assess the potential benefits of implementing the panels. Phase Change Solutions have also developed products including ENRG blankets and ENRG panels using the same BioPCM® technology. We suggest these products could be tested in other healthcare use-cases including walls and ceilings of buildings to help assess their suitability to regulate temperature and save energy.

## Recommendations

The trial was carried out in the months of April-June with an ambient temperature in the region not exceeding 22°C. The results of this study will vary

based on ambient conditions and should be considered during monitoring regimes.

In our study, we have noticed that the lower shelves remain cooler for longer periods of time as compared to the upper shelves. We would therefore recommend that vaccines and other products requiring tighter temperature controls (2-8°C) should be kept on the lower shelves, while materials requiring refrigeration, but less strict control should be placed on higher shelves.

We would recommend sites to consider the following:

- Where to place data loggers and temperature probes.
- Where to place vaccines and medicines.
- What set-point temperature to consider setting.
- Account for the additional volume occupied by the panels.

## Testimonial

*"As a practice which has had a significant cold chain breach due to an external power cut in the past, we were incredibly keen to participate in the PCS panels trial. Our experience of a cold chain breach and the process that followed was lengthy and involved, this took valuable time away from the day-to-day care of our patients and involved contacting all vaccine companies and the local immunisation team to ensure ongoing safety with the vaccinations involved. Anything that would enable longer cold stability in the fridges if this happened again would be a very valuable tool.*

*The trial was easy to conduct and we had excellent support from the team. The results look fantastic and we as a team feel that the PCS panels have been a great success."*

- Lead Practice Nurse, Guildhall Surgery

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We would like to acknowledge the advice and support from Andrew Urquhart, Head of Sustainability, SNEE ICB.

We would like to thank Melanie Vincent and Lucy Blatch from Public Health England and Malcolm Irons, Operations at CQC for their time and advice in the trial.

# APPENDIX

# Glensford - 1st Cycle

Date: 11/04/2023. Fridges switched off: 07:30

ROW LABELS	DIFF	PCS_T1_01	PCS_T2_01	PCS_T3_01	PCS_T4_01	C_T1_01	C_T2_01	C_T3_01	C_T4_01
04/11/2023 07:30	00:00:00	5.43	5.19	5.02	5.055	4.466667	4.3475	4.2	4.31
04/11/2023 07:40	00:10:00	5.8725	5.34	5.02	5.05	5.608	5.145	4.8525	4.95
04/11/2023 07:50	00:20:00	6.27	5.5625	5.1775	5.1675	6.58	5.905	5.51	5.6
04/11/2023 08:00	00:30:00	6.565	5.795	5.335	5.295	7.303333	6.67	6.25	6.285
04/11/2023 08:10	00:40:00	6.7475	5.96	5.47	5.38	7.96	7.245	6.7925	6.805
04/11/2023 08:20	00:50:00	6.91	6.095	5.59	5.5	8.48	7.7675	7.3	7.31
04/11/2023 08:30	01:00:00	7.065	6.2375	5.7025	5.575	8.963333	8.3425	7.88	7.87
04/11/2023 08:40	01:10:00	7.164	6.34	5.776	5.67	9.355	8.752	8.3	8.266
04/11/2023 08:50	01:20:00	7.29	6.44	5.8675	5.7575	9.84	9.1975	8.75	8.75
04/11/2023 09:00	01:30:00	7.4425	6.56	5.965	5.8325	10.31667	9.6975	9.25	9.245
04/11/2023 09:10	01:40:00	7.59875	6.68	6.04	5.89	10.816	10.14	9.6875	9.6575
04/11/2023 09:20	01:50:00	7.76	6.7925	6.135	5.955	11.38	10.59	10.125	10.07
04/11/2023 09:30	02:00:00	7.92	6.92	6.2325	6.045	11.9	11.1275	10.65	10.57
04/11/2023 09:40	02:10:00	8.0675	7.03	6.33	6.13	12.388	11.565	11.075	10.9625
04/11/2023 09:50	02:20:00	8.21	7.1425	6.4175	6.1875	12.94	12.01	11.505	11.36
04/11/2023 10:00	02:30:00	8.375	7.285	6.5225	6.285	13.43333	12.5375	12.02	11.85
04/11/2023 10:10	02:40:00	8.503333	7.39	6.63	6.35	13.855	12.91333	12.40857	12.22333
04/11/2023 10:20	02:50:00	8.64	7.48	6.7075	6.4175	14.2775	13.3875	12.865	12.63
04/11/2023 10:30	03:00:00	8.76	7.5925	6.805	6.515	14.7625	13.852	13.34	13.064
04/11/2023 10:40	03:10:00	8.84	7.68	6.878333	6.58	15.105	14.212	13.704	13.424
04/11/2023 10:50	03:20:00	8.91	7.75	6.95	6.63	15.4025	14.536	14.028	13.748



04/11/2023 11:00	03:30:00	8.95	7.82	7.0275	6.7	15.712	14.91	14.41	14.152
04/11/2023 11:10	03:40:00	8.983333	7.86	7.081667	6.76	15.895	15.15	14.67	14.422
04/11/2023 11:20	03:50:00	9.01	7.896	7.128	6.8	16.0825	15.372	14.906	14.72
04/11/2023 11:30	04:00:00	9.043333	7.946667	7.18	6.86	16.2675	15.638	15.2	14.9975
04/11/2023 11:40	04:10:00	9.06	7.98	7.22	6.91	16.4325	15.825	15.3975	15.226
04/11/2023 11:50	04:20:00	9.08	8.005	7.2575	6.9375	16.56	15.9975	15.58	15.41
04/11/2023 12:00	04:30:00	9.105	8.0575	7.31	6.9825	16.69	16.185	15.79	15.635
04/11/2023 12:10	04:40:00	9.1325	8.1	7.36	7.02	16.805	16.315	15.9425	15.8075
04/11/2023 12:20	04:50:00	9.15	8.1275	7.39	7.0625	16.92	16.46	16.1	15.96
04/11/2023 12:30	05:00:00	9.185	8.165	7.4425	7.1225	17.04	16.615	16.27	16.16
04/11/2023 12:40	05:10:00	9.205	8.2	7.49	7.16	17.1475	16.75	16.4075	16.3025
04/11/2023 12:50	05:20:00	9.26	8.2275	7.525	7.1875	17.25	16.8775	16.545	16.45
04/11/2023 13:00	05:30:00	9.295	8.2725	7.57	7.24	17.37	17.0125	16.71	16.61
04/11/2023 13:10	05:40:00	9.33	8.305	7.6	7.28	17.4625	17.125	16.825	16.735
04/11/2023 13:20	05:50:00	9.35	8.3375	7.645	7.31	17.55	17.2225	16.94	16.86
04/11/2023 13:30	06:00:00	9.375	8.375	7.675	7.355	17.635	17.335	17.05	16.99
04/11/2023 13:40	06:10:00	9.4025	8.4	7.71	7.39	17.70286	17.415	17.15	17.0825
04/11/2023 13:50	06:20:00	9.42	8.42875	7.7525	7.425	17.76	17.49	17.23	17.18
04/11/2023 14:00	06:30:00	9.46	8.48125	7.79	7.47	17.835	17.585	17.34	17.295
04/11/2023 14:10	06:40:00	9.485	8.51	7.82	7.5	17.905	17.66	17.425	17.3825
04/11/2023 14:20	06:50:00	9.52	8.535	7.855	7.535	17.96	17.735	17.5	17.46
04/11/2023 14:30	07:00:00	9.55	8.58	7.8925	7.5725	18.055	17.8225	17.59	17.55
04/11/2023 14:40	07:10:00	9.605	8.61	7.92	7.6	18.15	17.9	17.6725	17.6325

04/11/2023 14:50	07:20:00	9.68	8.6625	7.9575	7.655	18.27	18	17.775	17.72
04/11/2023 15:00	07:30:00	9.775	8.7075	8.01	7.6925	18.465	18.155	17.89	17.835
04/11/2023 15:10	07:40:00	9.8675	8.77	8.04	7.73	18.6575	18.29	18.0175	17.9375
04/11/2023 15:20	07:50:00	9.954	8.82	8.106	7.768	18.836	18.434	18.152	18.06
04/11/2023 15:30	08:00:00	10.09	8.9125	8.1675	7.8375	19.13	18.6775	18.36	18.23
04/11/2023 15:40	08:10:00	10.185	8.99	8.21	7.87	19.33	18.865	18.5325	18.38
04/11/2023 15:50	08:20:00	10.25	9.0325	8.26	7.92	19.54	19.045	18.7	18.53
04/11/2023 16:00	08:30:00	10.345	9.1	8.32	7.965	19.77	19.255	18.89	18.7
04/11/2023 16:10	08:40:00	10.415	9.14	8.36	8.01	19.9475	19.43	19.05	18.8575
04/11/2023 16:20	08:50:00	10.49	9.1925	8.41	8.05	20.12	19.59	19.195	19
04/11/2023 16:30	09:00:00	10.53857	9.25	8.46	8.1	20.28	19.74	19.37	19.13333
04/11/2023 16:40	09:10:00	10.58143	9.29	8.49	8.14	20.3925	19.87	19.4775	19.2675
04/11/2023 16:50	09:20:00	10.58	9.3075	8.5075	8.1725	20.45	19.955	19.565	19.37
04/11/2023 17:00	09:30:00	10.5925	9.335	8.545	8.195	20.475	20.02	19.645	19.455
04/11/2023 17:10	09:40:00	10.6075	9.37	8.58	8.23	20.505	20.095	19.7225	19.5375
04/11/2023 17:20	09:50:00	10.6	9.375	8.605	8.24	20.51	20.1325	19.78	19.6
04/11/2023 17:30	10:00:00	10.6025	9.395	8.63	8.275	20.50333	20.16	19.8225	19.6375
04/11/2023 17:40	10:10:00	10.592	9.41	8.648	8.3	20.4825	20.18	19.85333	19.684
04/11/2023 17:50	10:20:00	10.59	9.4225	8.668	8.3225	20.46	20.18	19.88	19.73
04/11/2023 18:00	10:30:00	10.6	9.436667	8.7	8.343333	20.432	20.178	19.89833	19.748
04/11/2023 18:10	10:40:00	10.606	9.46	8.716	8.36	20.3975	20.165	19.9	19.766
04/11/2023 18:20	10:50:00	10.62	9.465	8.744	8.3825	20.36	20.152	19.894	19.77
04/11/2023 18:30	11:00:00	10.625	9.48	8.765	8.402	20.325	20.1375	19.88	19.78

04/11/2023 18:40	11:10:00	10.62	9.5	8.79	8.43	20.2875	20.115	19.8775	19.78
04/11/2023 18:50	11:20:00	10.64	9.505	8.798	8.465	20.25	20.092	19.858	19.77
04/11/2023 19:00	11:30:00	10.655	9.526	8.835	8.492	20.204	20.064	19.84	19.756
04/11/2023 19:10	11:40:00	10.67	9.55	8.864	8.51	20.1575	20.025	19.815	19.7425
04/11/2023 19:20	11:50:00	10.69	9.554	8.874	8.525	20.11	19.994	19.788	19.73
04/11/2023 19:30	12:00:00	10.7075	9.58	8.895	8.552	20.064	19.956	19.76	19.71143
04/11/2023 19:40	12:10:00	10.74286	9.598	8.908	8.57	20.0175	19.93	19.735	19.68571
04/11/2023 19:50	12:20:00	10.76857	9.604	8.926	8.59	19.98	19.896	19.702	19.66
04/11/2023 20:00	12:30:00	10.7925	9.63	8.95	8.608	19.928	19.854	19.67	19.632
04/11/2023 20:10	12:40:00	10.83	9.648	8.966	8.63	19.8875	19.815	19.6425	19.605
04/11/2023 20:20	12:50:00	10.89	9.682	8.992	8.6525	19.8325	19.78	19.604	19.575
04/11/2023 20:30	13:00:00	10.93	9.69	9.0225	8.684	19.798	19.742	19.57	19.552
04/11/2023 20:40	13:10:00	10.958	9.698	9.038	8.7	19.75	19.695	19.545	19.52385
04/11/2023 20:50	13:20:00	10.99769	9.722	9.072	8.7125	19.7	19.65	19.506	19.48615
04/11/2023 21:00	13:30:00	11.04615	9.745	9.095	8.736	19.6625	19.63	19.48125	19.465
04/11/2023 21:10	13:40:00	11.075	9.7725	9.115	8.77	19.6175	19.585	19.4425	19.435
04/11/2023 21:20	13:50:00	11.12	9.806	9.1425	8.8025	19.5725	19.54	19.404	19.39667
04/11/2023 21:30	14:00:00	11.165	9.845	9.174	8.818	19.542	19.516	19.38	19.372
04/11/2023 21:40	14:10:00	11.204	9.882	9.2	8.84	19.5075	19.485	19.3475	19.3525
04/11/2023 21:50	14:20:00	11.26	9.925	9.225	8.865	19.4725	19.45	19.3175	19.315
04/11/2023 22:00	14:30:00	11.335	9.9625	9.255	8.895	19.442	19.422	19.29	19.292
04/11/2023 22:10	14:40:00	11.384	9.986	9.268	8.9	19.4	19.38	19.2525	19.2575
04/11/2023 22:20	14:50:00	11.45	10.024	9.282	8.92	19.364	19.35333	19.21667	19.23

04/11/2023 22:30	15:00:00	11.506	10.058	9.308	8.953333	19.332	19.325	19.19	19.20333
04/11/2023 22:40	15:10:00	11.56	10.094	9.328	8.98	19.296	19.29	19.155	19.175
04/11/2023 22:50	15:20:00	11.62	10.138	9.3525	8.99	19.265	19.25	19.132	19.145
04/11/2023 23:00	15:30:00	11.71	10.185	9.376	9.036	19.242	19.226	19.1	19.12333
04/11/2023 23:10	15:40:00	11.77	10.214	9.4	9.05	19.215	19.195	19.0725	19.09667
04/11/2023 23:20	15:50:00	11.84	10.246	9.4225	9.0575	19.174	19.16333	19.03667	19.06
04/11/2023 23:30	16:00:00	11.914	10.294	9.443333	9.093333	19.142	19.136	19.01	19.036
04/11/2023 23:40	16:10:00	11.98	10.318	9.46	9.1	19.13	19.12	19.01	19.03

## Glensford - 2nd Cycle

Date: 13/04/2023. Fridges switched off: 08:10

ROW LABELS	DIFF	PCS_T1_02	PCS_T2_02	PCS_T3_02	PCS_T4_02	C_T1_02	C_T2_02	C_T3_02	C_T4_02
13/04/2023 08:10	00:00:00	4.61	3.94	3.16	1.87	5.244	5.26	5.221667	5.16
08:20	00:10:00	5.36	4.886667	4.513333	4.29	6.2	5.846667	5.6	5.63
08:30	00:20:00	5.764	5.19	4.733333	4.636667	7.203333	6.61	6.245	6.254
08:40	00:30:00	6.08	5.428333	4.93	4.84	7.922	7.29	6.891667	6.85
08:50	00:40:00	6.36	5.656667	5.103333	5.004	8.524286	7.896667	7.46	7.42
09:00	00:50:00	6.613333	5.86	5.263333	5.185714	9.105714	8.45	8.003333	7.945
09:10	01:00:00	6.833333	6.046667	5.41	5.38	9.574	8.94	8.508333	8.45
09:20	01:10:00	7.01	6.216667	5.563333	5.496	9.984286	9.4	8.97	8.921667
09:30	01:20:00	7.17	6.36	5.683333	5.606667	10.43333	9.83	9.406667	9.374
09:40	01:30:00	7.316667	6.483333	5.79	5.7	10.788	10.22667	9.82	9.785
09:50	01:40:00	7.44	6.6	5.896667	5.768	11.11429	10.60667	10.21	10.181667
10:00	01:50:00	7.556667	6.69	5.996667	5.822857	11.47143	10.96	10.58333	10.563333
10:10	02:00:00	7.67	6.796667	6.08	5.91	11.776	11.29667	10.93167	10.9
10:20	02:10:00	7.76	6.89	6.162	5.978	12.05167	11.594	11.236	11.228
10:30	02:20:00	7.848	6.976	6.25	6.063333	12.36	11.92	11.58	11.546667
10:40	02:30:00	7.925714	7.051429	6.33	6.12	12.63333	12.19	11.86667	11.84
10:50	02:40:00	8	7.12	6.392	6.178	12.85	12.45	12.13	12.11
11:00	02:50:00	8.088	7.2	6.473333	6.25	13.12667	12.72	12.41667	12.391667
11:10	03:00:00	8.142857	7.271429	6.53	6.3	13.34667	12.96667	12.68	12.65
11:20	03:10:00	8.22	7.328333	6.59	6.368	13.58	13.188	12.898	12.886
11:30	03:20:00	8.276	7.4	6.663333	6.433333	13.794	13.42	13.15	13.124
11:40	03:30:00	8.332727	7.453333	6.73	6.49	13.99	13.64333	13.375	13.34
11:50	03:40:00	8.39	7.506667	6.778	6.536	14.19	13.84	13.564	13.548
12:00	03:50:00	8.444	7.564	6.843333	6.6	14.376	14.04	13.785	13.768

12:10	04:00:00	8.5	7.613333	6.89	6.64	14.54667	14.22667	13.975	13.95
12:20	04:10:00	8.56	7.648333	6.938	6.696	14.71	14.392	14.152	14.132
12:30	04:20:00	8.626	7.714	6.996667	6.746667	14.872	14.58	14.33833	14.318
12:40	04:30:00	8.65	7.763333	7.05	6.8	15.02333	14.74	14.50167	14.49
12:50	04:40:00	8.7	7.806667	7.096	6.846	15.17	14.892	14.658	14.646
13:00	04:50:00	8.736	7.858	7.146667	6.89	15.314	15.04	14.82167	14.814
13:10	05:00:00	8.786667	7.895	7.19	6.927273	15.44	15.19333	14.96833	14.96
13:20	05:10:00	8.83	7.936667	7.236	6.968	15.57	15.32	15.104	15.098
13:30	05:20:00	8.886667	7.985	7.28	7.022857	15.69667	15.48	15.25333	15.24833
13:40	05:30:00	8.926667	8.025	7.32	7.07	15.83667	15.60333	15.39667	15.39
13:50	05:40:00	8.97	8.075	7.368	7.122	15.96	15.73	15.516	15.512
14:00	05:50:00	9.025	8.13	7.424	7.162	16.1	15.87	15.665	15.6625
14:10	06:00:00	9.063333	8.156667	7.46	7.19	16.19333	15.97667	15.775	15.775
14:20	06:10:00	9.08	8.195	7.496	7.238	16.3	16.084	15.882	15.884
14:30	06:20:00	9.142	8.238	7.533333	7.29	16.416	16.2	15.99667	16.006
14:40	06:30:00	9.186667	8.275	7.57	7.32	16.52333	16.31	16.10667	16.11
14:50	06:40:00	9.24	8.325	7.616667	7.356	16.64	16.43	16.23	16.21667
15:00	06:50:00	9.2875	8.365	7.648	7.404	16.745	16.54	16.334	16.332
15:10	07:00:00	9.33	8.405	7.69	7.46	16.86667	16.65333	16.44333	16.435
15:20	07:10:00	9.38	8.455	7.736	7.504	16.97	16.754	16.542	16.534
15:30	07:20:00	9.422	8.504	7.78	7.533333	17.068	16.86	16.65667	16.634
15:40	07:30:00	9.46	8.528333	7.81	7.57	17.16	16.95333	16.75167	16.725
15:50	07:40:00	9.49	8.565	7.846667	7.595455	17.26	17.04	16.845	16.82667
16:00	07:50:00	9.532	8.614	7.892	7.639091	17.344	17.14182	16.95	16.922
16:10	08:00:00	9.576667	8.646667	7.93	7.67	17.42	17.23	17.02167	17.005
16:20	08:10:00	9.61	8.683333	7.955455	7.712	17.5	17.306	17.104	17.088
16:30	08:20:00	9.648	8.718	7.994	7.76	17.594	17.40091	17.21	17.176

16:40	08:30:00	9.686667	8.755	8.03	7.79	17.67	17.48	17.28	17.27
16:50	08:40:00	9.73	8.786667	8.063333	7.816667	17.75	17.56	17.36	17.34167
17:00	08:50:00	9.773333	8.83	8.103333	7.856667	17.82	17.63	17.44	17.42
17:10	09:00:00	9.793333	8.873333	8.14	7.89	17.9	17.70667	17.51	17.495
17:20	09:10:00	9.82	8.901818	8.166	7.92	17.98	17.776	17.58	17.56
17:30	09:20:00	9.88	8.94	8.203333	7.96	18.04	17.86	17.66	17.64833
17:40	09:30:00	9.92	8.968333	8.23	8	18.11333	17.93	17.74	17.72
17:50	09:40:00	9.95	9.005	8.27	8.024	18.18	17.99667	17.815	17.79167
18:00	09:50:00	9.976	9.038	8.302	8.05	18.242	18.07	17.88	17.85455
18:10	10:00:00	10.02	9.066667	8.33	8.08	18.31667	18.13667	17.94833	17.925
18:20	10:10:00	10.04	9.103333	8.366667	8.122	18.37	18.19667	18.01	17.99167
18:30	10:20:00	10.09667	9.13	8.393333	8.15	18.42	18.25	18.07167	18.04833
18:40	10:30:00	10.13	9.173333	8.42	8.17	18.46667	18.3	18.11667	18.105
18:50	10:40:00	10.15333	9.194	8.469	8.207333	18.505	18.3425	18.165	18.16
19:00	10:50:00	10.172	9.222	8.49	8.244667	18.538	18.37727	18.21	18.196
19:10	11:00:00	10.196	9.24	8.517273	8.266364	18.558	18.412	18.244	18.232
19:20	11:10:00	10.22	9.28	8.543333	8.286667	18.57	18.44333	18.27	18.25667
19:30	11:20:00	10.24667	9.295	8.563333	8.306667	18.58333	18.46	18.28833	18.28167
19:40	11:30:00	10.26667	9.326667	8.6	8.33	18.59	18.47667	18.31167	18.3
19:50	11:40:00	10.27	9.35	8.616667	8.356667	18.59	18.49	18.325	18.31833
20:00	11:50:00	10.29667	9.365	8.643333	8.383333	18.585	18.5	18.33833	18.32333
20:10	12:00:00	10.32333	9.388333	8.67	8.41	18.58	18.50333	18.34167	18.34
20:20	12:10:00	10.35	9.413333	8.686667	8.44	18.56833	18.5	18.35	18.34
20:30	12:20:00	10.37333	9.435	8.713333	8.486667	18.56	18.5	18.35	18.35
20:40	12:30:00	10.39333	9.448333	8.74	8.51	18.55167	18.495	18.35	18.35
20:50	12:40:00	10.41	9.463333	8.756667	8.533333	18.54667	18.49	18.34333	18.35

21:00	12:50:00	10.44667	9.485	8.776667	8.546667	18.53	18.48	18.34	18.34667
21:10	13:00:00	10.48	9.515	8.8	8.57	18.51333	18.475	18.33667	18.34
21:20	13:10:00	10.5	9.54	8.833333	8.603333	18.498	18.46167	18.32333	18.34
21:30	13:20:00	10.52667	9.55	8.846667	8.623333	18.486	18.45	18.32	18.328
21:40	13:30:00	10.54667	9.575	8.88	8.65	18.47167	18.435	18.30667	18.32
21:50	13:40:00	10.57333	9.604	8.9	8.66	18.45833	18.43	18.294	18.31
22:00	13:50:00	10.59571	9.63	8.922	8.686	18.444	18.406	18.28	18.306
22:10	14:00:00	10.6175	9.66	8.95	8.7	18.43167	18.39	18.27667	18.29333
22:20	14:10:00	10.64571	9.704	8.97	8.72	18.41833	18.382	18.264	18.29
22:30	14:20:00	10.68143	9.73	8.996	8.752	18.41	18.37	18.26	18.28
22:40	14:30:00	10.7325	9.78	9.01	8.79	18.41	18.37	18.25667	18.27333
22:50	14:40:00	10.76571	9.806	9.06	8.803333	18.4	18.362	18.25	18.27
23:00	14:50:00	10.82143	9.84	9.086	8.828	18.394	18.358	18.24	18.26
23:10	15:00:00	10.895	9.88	9.12	8.85	18.38167	18.345	18.23667	18.25333
23:20	15:10:00	10.95286	9.912	9.15	8.87	18.37	18.332	18.218	18.25
23:30	15:20:00	11.03429	9.935	9.194	8.896	18.358	18.318	18.2	18.236
23:40	15:30:00	11.115	9.97	9.23	8.92	18.35	18.31	18.2	18.23



## Glensford - 3rd Cycle

Date: 20/04/2023. Fridges switched off: 07:50

ROW LABELS	DIFF	PCS_T1_03	PCS_T2_03	PCS_T3_03	PCS_T4_03	C_T1_03	C_T2_03	C_T3_03	C_T4_03
20/04/2023 07:50	00:00:00	4.44	3.85	4.325	2.575	3.6375	4.468	3.835	3.44
20/04/2023 08:00	00:10:00	4.588	4.373333	4.25	3.963333	5.08	4.81	4.663333	4.84
20/04/2023 08:10	00:20:00	5.42	4.88	4.534	4.42	6.19	5.664	5.42	5.436
20/04/2023 08:20	00:30:00	5.908	5.226	4.758	4.662	7.182	6.553	6.19	6.21
20/04/2023 08:30	00:40:00	6.322	5.496667	4.959091	4.89	7.925	7.2	6.826667	6.836667
20/04/2023 08:40	00:50:00	6.586	5.73	5.164	5.1	8.564	7.87	7.454	7.394
20/04/2023 08:50	01:00:00	6.79	5.922	5.348	5.282	9.168	8.484	8.048	7.98
20/04/2023 09:00	01:10:00	6.966	6.078	5.46	5.36	9.636	8.97	8.532	8.478
20/04/2023 09:10	01:20:00	7.136	6.23	5.606	5.48	10.158	9.498	9.076	9.024
20/04/2023 09:20	01:30:00	7.3	6.37	5.716	5.574	10.636	10	9.584	9.55
20/04/2023 09:30	01:40:00	7.416	6.484	5.82	5.646	11.024	10.41	10	9.956
20/04/2023 09:40	01:50:00	7.522	6.6	5.914	5.75	11.434	10.84	10.452	10.412
20/04/2023 09:50	02:00:00	7.63	6.6875	5.995	5.82	11.79	11.2375	10.855	10.86
20/04/2023 10:00	02:10:00	7.72	6.786667	6.09	5.892	12.14333	11.6	11.234	11.215
20/04/2023 10:10	02:20:00	7.828	6.88	6.172	5.96	12.48333	11.97	11.624	11.578
20/04/2023 10:20	02:30:00	7.91	6.974	6.268	6.06	12.828	12.328	11.996	11.96
20/04/2023 10:30	02:40:00	7.97	7.04	6.35	6.12	13.112	12.62	12.3	12.25
20/04/2023 10:40	02:50:00	8.0625	7.11	6.423333	6.2	13.43222	12.97	12.6575	12.6225
20/04/2023 10:50	03:00:00	8.15	7.196	6.498333	6.26	13.702	13.256	12.968	12.92
20/04/2023 11:00	03:10:00	8.202	7.256	6.553333	6.314	13.942	13.51	13.228	13.18
20/04/2023 11:10	03:20:00	8.286	7.33	6.635	6.39	14.202	13.79	13.512	13.466

20/04/2023 11:20	03:30:00	8.34	7.4	6.71	6.462	14.446	14.06	13.80667	13.74
20/04/2023 11:30	03:40:00	8.386667	7.444	6.754286	6.495	14.64667	14.28	14.014	13.96833
20/04/2023 11:40	03:50:00	8.456	7.5	6.805	6.57	14.896	14.522	14.274	14.218
20/04/2023 11:50	04:00:00	8.52	7.575	6.864286	6.614	15.112	14.755	14.53	14.48
20/04/2023 12:00	04:10:00	8.561667	7.618	6.941429	6.67	15.29	14.95	14.718	14.66833
20/04/2023 12:10	04:20:00	8.638	7.68	6.975	6.72	15.51	15.17	14.942	14.906
20/04/2023 12:20	04:30:00	8.7	7.736	7.041667	6.786	15.718	15.38	15.166	15.12
20/04/2023 12:30	04:40:00	8.738333	7.784	7.102857	6.825	15.87333	15.57	15.342	15.30333
20/04/2023 12:40	04:50:00	8.798	7.84	7.14	6.87	16.072	15.756	15.538	15.504
20/04/2023 12:50	05:00:00	8.84	7.882	7.201667	6.916	16.232	15.936	15.728	15.7
20/04/2023 13:00	05:10:00	8.896	7.924	7.233333	6.964	16.368	16.08	15.876	15.854
20/04/2023 13:10	05:20:00	8.938	7.96	7.27	7	16.512	16.238	16.032	16.016
20/04/2023 13:20	05:30:00	8.98	8.002	7.315	7.056	16.648	16.39	16.192	16.17
20/04/2023 13:30	05:40:00	9.004	8.038	7.348333	7.092	16.76	16.51	16.32	16.3
20/04/2023 13:40	05:50:00	9.038	8.09	7.41	7.14	16.884	16.642	16.45	16.44
20/04/2023 13:50	06:00:00	9.1	8.128	7.446667	7.172	16.998	16.778	16.584	16.58
20/04/2023 14:00	06:10:00	9.115	8.158	7.492857	7.205	17.09667	16.88	16.7	16.685
20/04/2023 14:10	06:20:00	9.164	8.2	7.525	7.25	17.23	17.006	16.826	16.82
20/04/2023 14:20	06:30:00	9.21	8.246	7.556667	7.296	17.348	17.132	16.944	16.94
20/04/2023 14:30	06:40:00	9.248333	8.282	7.594286	7.325	17.44667	17.23	17.044	17.04333
20/04/2023 14:40	06:50:00	9.308	8.32	7.64	7.36	17.58	17.352	17.158	17.152
20/04/2023 14:50	07:00:00	9.36	8.374	7.685	7.416	17.696	17.472	17.284	17.28
20/04/2023 15:00	07:10:00	9.396	8.404	7.708333	7.452	17.788	17.57	17.384	17.366

20/04/2023 15:10	07:20:00	9.44	8.44	7.762	7.49	17.902	17.67333	17.49167	17.478
20/04/2023 15:20	07:30:00	9.48	8.498182	7.805	7.528	18.012	17.784	17.592	17.58
20/04/2023 15:30	07:40:00	9.516	8.54	7.841667	7.566667	18.095	17.87	17.67833	17.68333
20/04/2023 15:40	07:50:00	9.558	8.57	7.865	7.59	18.186	17.968	17.792	17.769
20/04/2023 15:50	08:00:00	9.6	8.608	7.896667	7.632	18.264	18.058	17.882	17.86
20/04/2023 16:00	08:10:00	9.624	8.64	7.945	7.67	18.345	18.14	17.95167	17.95
20/04/2023 16:10	08:20:00	9.645	8.68	7.978	7.7	18.418	18.22	18.03167	18.032
20/04/2023 16:20	08:30:00	9.68	8.708	8.006	7.732	18.488	18.2975	18.115	18.12
20/04/2023 16:30	08:40:00	9.714	8.733333	8.045	7.77	18.54	18.35	18.18167	18.18
20/04/2023 16:40	08:50:00	9.745	8.76	8.082	7.81	18.592	18.41667	18.25667	18.244
20/04/2023 16:50	09:00:00	9.78	8.794	8.108333	7.839091	18.65	18.482	18.32	18.31
20/04/2023 17:00	09:10:00	9.794	8.826667	8.143333	7.870909	18.705	18.53	18.37333	18.36667
20/04/2023 17:10	09:20:00	9.825	8.86	8.164	7.9	18.752	18.58333	18.42667	18.43
20/04/2023 17:20	09:30:00	9.86	8.892	8.195	7.928	18.798	18.642	18.484	18.49
20/04/2023 17:30	09:40:00	9.886	8.93	8.223333	7.96	18.85	18.69	18.53333	18.54333
20/04/2023 17:40	09:50:00	9.920909	8.95	8.252	7.99	18.894	18.74667	18.595	18.594
20/04/2023 17:50	10:00:00	9.95	8.982	8.286667	8.012	18.948	18.804	18.644	18.65
20/04/2023 18:00	10:10:00	9.968	9.013333	8.313333	8.046	18.995	18.85	18.685	18.69
20/04/2023 18:10	10:20:00	10.005	9.04	8.334	8.09	19.034	18.88667	18.72667	18.728
20/04/2023 18:20	10:30:00	10.02	9.068	8.356667	8.105	19.064	18.924	18.778	18.77
20/04/2023 18:30	10:40:00	10.044	9.086667	8.391667	8.14	19.09	18.95	18.80667	18.80667
20/04/2023 18:40	10:50:00	10.065	9.11	8.408	8.15	19.108	18.97667	18.83333	18.832
20/04/2023 18:50	11:00:00	10.1	9.128	8.436667	8.19	19.132	19.006	18.862	18.87

20/04/2023 19:00	11:10:00	10.132	9.153333	8.473333	8.206667	19.15	19.02	18.88667	18.89667
20/04/2023 19:10	11:20:00	10.15	9.18	8.494	8.23	19.168	19.04333	18.90333	18.922
20/04/2023 19:20	11:30:00	10.18	9.208	8.516667	8.264	19.172	19.058	18.926	18.94
20/04/2023 19:30	11:40:00	10.192	9.226667	8.541667	8.283333	19.18	19.08	18.93833	18.95333
20/04/2023 19:40	11:50:00	10.21	9.25	8.556667	8.3	19.188	19.09333	18.95167	18.966
20/04/2023 19:50	12:00:00	10.23	9.272	8.578333	8.335	19.19	19.1	18.96	18.98
20/04/2023 20:00	12:10:00	10.248	9.31	8.6	8.346667	19.19	19.1	18.96833	18.98
20/04/2023 20:10	12:20:00	10.28	9.32	8.623333	8.37	19.19	19.11	18.97	18.986
20/04/2023 20:20	12:30:00	10.29	9.344	8.645	8.394	19.18	19.11	18.975	18.99
20/04/2023 20:30	12:40:00	10.306	9.37	8.67	8.424	19.174	19.10833	18.97	18.99
20/04/2023 20:40	12:50:00	10.33	9.38	8.686667	8.46	19.16	19.1	18.96667	18.98167
20/04/2023 20:50	13:00:00	10.355	9.406667	8.706667	8.474286	19.15667	19.09167	18.96	18.98
20/04/2023 21:00	13:10:00	10.37167	9.426667	8.72	8.496	19.14333	19.08	18.96	18.98
20/04/2023 21:10	13:20:00	10.39	9.45	8.746667	8.51	19.13	19.072	18.948	18.98
20/04/2023 21:20	13:30:00	10.432	9.47	8.766	8.536667	19.12	19.06	18.94	18.97
20/04/2023 21:30	13:40:00	10.444	9.483333	8.79	8.558	19.114	19.05	18.93	18.966
20/04/2023 21:40	13:50:00	10.465	9.51	8.81	8.58	19.1	19.044	18.93	18.96
20/04/2023 21:50	14:00:00	10.51	9.528	8.834	8.605	19.09667	19.04	18.92333	18.95833
20/04/2023 22:00	14:10:00	10.536	9.546667	8.87	8.618	19.084	19.02833	18.91	18.946
20/04/2023 22:10	14:20:00	10.57	9.57	8.886667	8.64	19.07	19.02	18.906	18.94
20/04/2023 22:20	14:30:00	10.6	9.588	8.908	8.67	19.06667	19.01167	18.9	18.93833
20/04/2023 22:30	14:40:00	10.636	9.613333	8.94	8.688	19.054	18.99833	18.89	18.926
20/04/2023 22:40	14:50:00	10.675	9.64	8.96	8.69	19.04	18.99	18.876	18.92

20/04/2023 22:50	15:00:00	10.72	9.672	8.98	8.725	19.03	18.98167	18.87	18.9
20/04/2023 23:00	15:10:00	10.748	9.703333	9.02	8.74	19.012	18.96833	18.86	18.896
20/04/2023 23:10	15:20:00	10.8	9.72	9.026667	8.76	18.99	18.955	18.8475	18.882
20/04/2023 23:20	15:30:00	10.85	9.744	9.0625	8.804	18.976	18.94167	18.83333	18.868
20/04/2023 23:30	15:40:00	10.9175	9.758	9.08	8.81	18.964	18.92833	18.82	18.852
20/04/2023 23:40	15:50:00	10.965	9.77	9.116667	8.83	18.96	18.92	18.82	18.84

# Glensford - 4th Cycle

Date: 24/04/2023. Fridges switched off: 07:40

ROW LABELS	DIFF	PCS_T1_04	PCS_T2_04	PCS_T3_04	PCS_T4_04	C_T1_04	C_T2_04	C_T3_04	C_T4_04
24/04/2023 07:40	00:00:00	4.32	4.154	3.736	3.53	4.2975	3.9775	3.96	3.84
24/04/2023 07:50	00:10:00	5.365556	4.82	4.48	4.342	5.7175	5.202	4.944	4.91
24/04/2023 08:00	00:20:00	5.744	5.07	4.66	4.55	6.46	5.9	5.535	5.49
24/04/2023 08:10	00:30:00	6.075	5.322	4.852	4.78	7.21	6.5425	6.16	6.13
24/04/2023 08:20	00:40:00	6.37	5.61	5.06	5.003333	7.96	7.36	6.94	6.81
24/04/2023 08:30	00:50:00	6.578	5.755	5.19	5.146	8.42	7.79	7.385	7.298
24/04/2023 08:40	01:00:00	6.73	5.9175	5.355	5.31	8.913333	8.285	7.89	7.743333
24/04/2023 08:50	01:10:00	6.93	6.115	5.52	5.43	9.503333	8.94	8.5375	8.38
24/04/2023 09:00	01:20:00	7.06	6.215	5.61	5.475	9.858	9.28	8.8925	8.808
24/04/2023 09:10	01:30:00	7.166667	6.32	5.6975	5.53	10.25667	9.68625	9.31	9.19
24/04/2023 09:20	01:40:00	7.32	6.456	5.83	5.634	10.7325	10.178	9.826	9.73
24/04/2023 09:30	01:50:00	7.424	6.545	5.9	5.71	11.062	10.54	10.1825	10.1
24/04/2023 09:40	02:00:00	7.51	6.636	5.97625	5.79	11.425	10.94	10.56	10.485
24/04/2023 09:50	02:10:00	7.63	6.738	6.07375	5.876	11.8125	11.3	10.998	10.9
24/04/2023 10:00	02:20:00	7.712	6.81	6.14	5.9375	12.088	11.62	11.2975	11.218
24/04/2023 10:10	02:30:00	7.795	6.888	6.224	6	12.3925	11.9175	11.61	11.535
24/04/2023 10:20	02:40:00	7.86	6.984	6.3	6.09	12.7125	12.274	11.988	11.9
24/04/2023 10:30	02:50:00	7.926667	7.04	6.37	6.1475	12.954	12.54	12.245	12.164
24/04/2023 10:40	03:00:00	7.995	7.11	6.44	6.21	13.232	12.8025	12.52	12.472
24/04/2023 10:50	03:10:00	8.088333	7.176667	6.494	6.27	13.504	13.09333	12.83	12.77
24/04/2023 11:00	03:20:00	8.146667	7.245	6.56	6.33	13.716	13.34	13.0725	13

24/04/2023 11:10	03:30:00	8.2	7.313333	6.6275	6.39	13.958	13.57	13.31	13.268
24/04/2023 11:20	03:40:00	8.261667	7.376	6.69	6.454	14.19	13.84111	13.588	13.53
24/04/2023 11:30	03:50:00	8.315	7.42	6.74	6.515	14.37	14.03	13.7875	13.734
24/04/2023 11:40	04:00:00	8.364444	7.473333	6.794	6.56	14.588	14.2375	13.99	13.972
24/04/2023 11:50	04:10:00	8.45	7.545	6.87	6.62	14.80667	14.51	14.2725	14.19
24/04/2023 12:00	04:20:00	8.493333	7.58	6.9	6.66	14.956	14.65	14.4225	14.38
24/04/2023 12:10	04:30:00	8.54	7.625	6.96	6.71	15.144	14.825	14.61	14.584
24/04/2023 12:20	04:40:00	8.595	7.693333	7.022	6.775	15.324	15.01667	14.81	14.78
24/04/2023 12:30	04:50:00	8.643333	7.735	7.07	6.8275	15.464	15.19	14.97	14.944
24/04/2023 12:40	05:00:00	8.68	7.783333	7.112	6.86	15.618	15.34	15.14	15.124
24/04/2023 12:50	05:10:00	8.725	7.826	7.162	6.92	15.7875	15.526	15.326	15.29
24/04/2023 13:00	05:20:00	8.775	7.87	7.21	6.9625	15.91	15.65	15.4525	15.432
24/04/2023 13:10	05:30:00	8.81	7.914	7.2475	6.99	16.045	15.7875	15.59	15.58
24/04/2023 13:20	05:40:00	8.871667	7.96	7.294	7.045	16.18	15.93667	15.75	15.74
24/04/2023 13:30	05:50:00	8.925	7.995	7.34	7.09	16.3	16.07	15.8825	15.86
24/04/2023 13:40	06:00:00	8.96	8.043333	7.398	7.13	16.432	16.2025	16	16.006
24/04/2023 13:50	06:10:00	9.003333	8.09	7.426	7.18	16.552	16.32333	16.15	16.13
24/04/2023 14:00	06:20:00	9.062	8.13	7.47	7.22	16.7	16.46	16.275	16.255
24/04/2023 14:10	06:30:00	9.14	8.19	7.526	7.27	16.872	16.61	16.41	16.402
24/04/2023 14:20	06:40:00	9.21	8.2525	7.58	7.32	17.06	16.7975	16.5825	16.55
24/04/2023 14:30	06:50:00	9.2725	8.3	7.62	7.3475	17.21	16.93	16.71375	16.665
24/04/2023 14:40	07:00:00	9.335	8.3475	7.656	7.39	17.36	17.0625	16.85	16.795
24/04/2023 14:50	07:10:00	9.43	8.42	7.73	7.44	17.5825	17.264	17.038	16.95

24/04/2023 15:00	07:20:00	9.534	8.485	7.77	7.49	17.782	17.45	17.195	17.096
24/04/2023 15:10	07:30:00	9.625	8.56	7.826	7.54	18.0175	17.6375	17.37	17.265
24/04/2023 15:20	07:40:00	9.708	8.618	7.8875	7.576	18.216	17.822	17.544	17.44
24/04/2023 15:30	07:50:00	9.735556	8.66	7.92	7.63	18.37	17.98	17.6925	17.575
24/04/2023 15:40	08:00:00	9.768889	8.686	7.962	7.67	18.484	18.0925	17.81	17.698
24/04/2023 15:50	08:10:00	9.8	8.72125	8.01	7.705	18.585	18.2125	17.93	17.82
24/04/2023 16:00	08:20:00	9.802	8.755	8.03	7.735	18.65	18.3	18.0225	17.916
24/04/2023 16:10	08:30:00	9.825	8.786	8.064	7.76	18.7175	18.3775	18.1	18.015
24/04/2023 16:20	08:40:00	9.85	8.822	8.11	7.818	18.7875	18.478	18.212	18.11
24/04/2023 16:30	08:50:00	9.865	8.845	8.12	7.8375	18.84	18.54	18.285	18.195
24/04/2023 16:40	09:00:00	9.92	8.88	8.168	7.87	18.915	18.605	18.36	18.27
24/04/2023 16:50	09:10:00	9.99	8.933333	8.22	7.913333	19.04667	18.75	18.47667	18.36
24/04/2023 17:00	09:20:00	10.066	8.98	8.24	7.9575	19.168	18.84	18.575	18.468
24/04/2023 17:10	09:30:00	10.165	9.04	8.296	7.99	19.33	18.9825	18.7	18.585
24/04/2023 17:20	09:40:00	10.25	9.11	8.35	8.046667	19.51667	19.18	18.88	18.73
24/04/2023 17:30	09:50:00	10.2875	9.15	8.4	8.075	19.63	19.26	18.9775	18.828
24/04/2023 17:40	10:00:00	10.325	9.1925	8.4175	8.12	19.7225	19.36	19.08	18.92667
24/04/2023 17:50	10:10:00	10.36	9.226667	8.47	8.156667	19.81667	19.48	19.18667	19.04
24/04/2023 18:00	10:20:00	10.3825	9.25	8.49	8.175	19.87	19.54	19.2475	19.12
24/04/2023 18:10	10:30:00	10.39	9.276	8.524	8.21	19.914	19.59	19.32	19.185
24/04/2023 18:20	10:40:00	10.39	9.305	8.55	8.24	19.9325	19.635	19.375	19.25
24/04/2023 18:30	10:50:00	10.4	9.325	8.57	8.2725	19.945	19.66	19.405	19.295
24/04/2023 18:40	11:00:00	10.4	9.3375	8.592	8.28	19.93	19.6725	19.43	19.32



24/04/2023 18:50	11:10:00	10.42	9.358	8.61	8.316	19.928	19.688	19.452	19.35
24/04/2023 19:00	11:20:00	10.442	9.38	8.63	8.3425	19.915	19.69	19.46	19.372
24/04/2023 19:10	11:30:00	10.44	9.398	8.654	8.36	19.9	19.69	19.47	19.385
24/04/2023 19:20	11:40:00	10.45	9.42	8.69	8.392	19.878	19.6825	19.48	19.4
24/04/2023 19:30	11:50:00	10.462	9.442	8.69	8.4075	19.86	19.68	19.472	19.41
24/04/2023 19:40	12:00:00	10.48	9.45	8.718	8.45	19.83	19.664	19.47	19.41
24/04/2023 19:50	12:10:00	10.51	9.468	8.74	8.472	19.805	19.6525	19.465	19.41
24/04/2023 20:00	12:20:00	10.51429	9.485	8.76	8.495	19.78	19.64	19.45333	19.40429
24/04/2023 20:10	12:30:00	10.53143	9.503333	8.78	8.52	19.73	19.61333	19.43667	19.3925
24/04/2023 20:20	12:40:00	10.56	9.523333	8.81	8.536667	19.705	19.595	19.425	19.39
24/04/2023 20:30	12:50:00	10.5725	9.54	8.845	8.555	19.68	19.58	19.41333	19.38
24/04/2023 20:40	13:00:00	10.58667	9.556667	8.8625	8.57	19.64	19.55	19.385	19.355
24/04/2023 20:50	13:10:00	10.62	9.5725	8.88	8.605	19.615	19.525	19.365	19.34
24/04/2023 21:00	13:20:00	10.6425	9.59	8.9	8.625	19.585	19.5	19.345	19.325
24/04/2023 21:10	13:30:00	10.66	9.6075	8.925	8.65	19.54	19.47	19.3175	19.3025
24/04/2023 21:20	13:40:00	10.72	9.6325	8.97	8.68	19.5125	19.445	19.3	19.28
24/04/2023 21:30	13:50:00	10.7275	9.65	8.97	8.6975	19.48	19.41	19.27	19.27
24/04/2023 21:40	14:00:00	10.76	9.673333	8.996667	8.72	19.44	19.37	19.23333	19.225
24/04/2023 21:50	14:10:00	10.81	9.713333	9.02	8.73	19.405	19.345	19.21	19.2
24/04/2023 22:00	14:20:00	10.8625	9.73	9.05	8.76	19.375	19.32	19.185	19.185
24/04/2023 22:10	14:30:00	10.91	9.7475	9.074	8.8	19.34	19.295	19.155	19.1625
24/04/2023 22:20	14:40:00	10.98	9.775	9.11	8.82	19.315	19.2725	19.135	19.14
24/04/2023 22:30	14:50:00	11.03	9.81	9.15	8.845	19.285	19.24	19.115	19.1175

24/04/2023 22:40	15:00:00	11.085	9.8375	9.165	8.86	19.26	19.22	19.085	19.095
24/04/2023 22:50	15:10:00	11.15	9.9	9.21	8.87	19.225	19.1875	19.06	19.07
24/04/2023 23:00	15:20:00	11.215	9.94	9.24	8.8875	19.2	19.17	19.035	19.0475
24/04/2023 23:10	15:30:00	11.285	9.9875	9.27	8.92	19.17	19.14	19.005	19.025
24/04/2023 23:20	15:40:00	11.36	10.0275	9.32	8.97	19.145	19.115	18.98	19
24/04/2023 23:30	15:50:00	11.425	10.06	9.335	8.9875	19.115	19.08	18.955	18.975
24/04/2023 23:40	16:00:00	11.5	10.0925	9.36	9	19.1	19.05	18.95	18.96

# Glensford - 5th Cycle

Date: 03/05/2023. Fridges switched off: 08:00

ROW LABELS	DIFF	PCS_T1_05	PCS_T2_05	PCS_T3_05	PCS_T4_05	C_T1_05	C_T2_05	C_T3_05	C_T4_05
05/03/2023 08:00	00:00:00	5.058333	5.023333	5.1875	5.23	3.81	3.314	3.26	3.13
05/03/2023 08:10	00:10:00	5.595	5.298	5.07	5.07	5.037778	4.9725	4.835	4.88
05/03/2023 08:20	00:20:00	6.03	5.42	5.09	5.082	6.188	5.696	5.404	5.442
05/03/2023 08:30	00:30:00	6.42	5.658333	5.224	5.18	7.292	6.652	6.27	6.242
05/03/2023 08:40	00:40:00	6.79	5.906667	5.41	5.3	8.19	7.476	7.052	6.984
05/03/2023 08:50	00:50:00	7	6.075	5.56	5.42	8.836	8.108	7.658	7.572
05/03/2023 09:00	01:00:00	7.18	6.25	5.702	5.544	9.49	8.778	8.31	8.222
05/03/2023 09:10	01:10:00	7.346	6.416667	5.83	5.648	10.09	9.388	8.918	8.836
05/03/2023 09:20	01:20:00	7.454	6.54	5.94	5.752	10.544	9.872	9.404	9.328
05/03/2023 09:30	01:30:00	7.6	6.656667	6.028	5.84	11.038	10.39	9.94	9.862
05/03/2023 09:40	01:40:00	7.708	6.766667	6.118	5.92	11.49	10.868	10.436	10.366
05/03/2023 09:50	01:50:00	7.798	6.865	6.2	5.988	11.85	11.256	10.844	10.774
05/03/2023 10:00	02:00:00	7.91	6.951667	6.29	6.078	12.258	11.688	11.29	11.24
05/03/2023 10:10	02:10:00	7.994	7.05	6.368	6.152	12.63	12.094	11.712	11.654
05/03/2023 10:20	02:20:00	8.072	7.114	6.44	6.216	12.938	12.41	12.048	11.994
05/03/2023 10:30	02:30:00	8.16	7.182	6.51	6.288	13.268	12.778	12.42	12.37
05/03/2023 10:40	02:40:00	8.218	7.263333	6.572	6.35	13.59	13.114	12.776	12.72
05/03/2023 10:50	02:50:00	8.284	7.33	6.63	6.41	13.832	13.386	13.058	13.012
05/03/2023 11:00	03:00:00	8.35	7.4	6.7	6.464	14.12	13.692	13.37	13.334
05/03/2023 11:10	03:10:00	8.426	7.463333	6.762	6.538	14.39	13.974	13.68	13.636
05/03/2023 11:20	03:20:00	8.48	7.51	6.81	6.59	14.604	14.21	13.914	13.88

05/03/2023 11:30	03:30:00	8.52	7.572	6.87	6.644	14.842	14.458	14.2	14.156
05/03/2023 11:40	03:40:00	8.586	7.63	6.94	6.698	15.08	14.706	14.448	14.414
05/03/2023 11:50	03:50:00	8.634	7.67	6.99	6.742	15.262	14.906	14.658	14.626
05/03/2023 12:00	04:00:00	8.69	7.74	7.052	6.8	15.468	15.132	14.9	14.872
05/03/2023 12:10	04:10:00	8.73	7.788	7.086	6.838	15.66	15.35	15.114	15.09
05/03/2023 12:20	04:20:00	8.772	7.832	7.14	6.89	15.836	15.522	15.3	15.278
05/03/2023 12:30	04:30:00	8.84	7.874	7.186	6.936	16.018	15.718	15.49	15.478
05/03/2023 12:40	04:40:00	8.874	7.913333	7.242	6.976	16.19	15.89	15.686	15.674
05/03/2023 12:50	04:50:00	8.928	7.96	7.28	7.016	16.334	16.04	15.848	15.834
05/03/2023 13:00	05:00:00	8.97	7.996667	7.318	7.072	16.496	16.222	16.02	16.016
05/03/2023 13:10	05:10:00	9.016	8.046667	7.37	7.116	16.65	16.37	16.194	16.192
05/03/2023 13:20	05:20:00	9.052	8.092	7.42	7.156	16.772	16.5125	16.332	16.328
05/03/2023 13:30	05:30:00	9.09	8.134	7.458	7.204	16.92	16.65	16.48	16.492
05/03/2023 13:40	05:40:00	9.132	8.176	7.494	7.236	17.05	16.8	16.63	16.634
05/03/2023 13:50	05:50:00	9.18	8.212	7.54	7.276	17.168	16.925	16.75	16.758
05/03/2023 14:00	06:00:00	9.21	8.254	7.582	7.308	17.294	17.05	16.89	16.898
05/03/2023 14:10	06:10:00	9.266	8.286	7.608	7.364	17.42	17.195	17.016	17.024
05/03/2023 14:20	06:20:00	9.308	8.33	7.65	7.392	17.52	17.3	17.124	17.132
05/03/2023 14:30	06:30:00	9.35	8.366667	7.698	7.442	17.648	17.4	17.26	17.268
05/03/2023 14:40	06:40:00	9.382	8.406667	7.742	7.484	17.77	17.545	17.376	17.388
05/03/2023 14:50	06:50:00	9.424	8.445	7.77	7.508	17.868	17.65	17.478	17.492
05/03/2023 15:00	07:00:00	9.47	8.495	7.816	7.552	17.982	17.75	17.59	17.606
05/03/2023 15:10	07:10:00	9.506	8.526667	7.848	7.584	18.08	17.865	17.698	17.712

05/03/2023 15:20	07:20:00	9.542	8.555	7.88	7.612	18.154	17.9525	17.782	17.796
05/03/2023 15:30	07:30:00	9.57	8.595	7.918	7.654	18.246	18.03	17.88	17.89
05/03/2023 15:40	07:40:00	9.602	8.626667	7.954	7.684	18.34	18.135	17.97	17.972
05/03/2023 15:50	07:50:00	9.632	8.655	7.99	7.712	18.402	18.205	18.036	18.056
05/03/2023 16:00	08:00:00	9.69	8.703333	8.018	7.754	18.48	18.28	18.12	18.134
05/03/2023 16:10	08:10:00	9.712	8.726667	8.054	7.802	18.55	18.36	18.198	18.22
05/03/2023 16:20	08:20:00	9.742	8.75	8.09	7.822	18.612	18.435	18.27	18.28
05/03/2023 16:30	08:30:00	9.77	8.785	8.124	7.856	18.684	18.51	18.34	18.35
05/03/2023 16:40	08:40:00	9.81	8.826667	8.154	7.884	18.75	18.57	18.41	18.426
05/03/2023 16:50	08:50:00	9.83	8.845	8.18	7.908	18.808	18.6275	18.47	18.482
05/03/2023 17:00	09:00:00	9.86	8.883333	8.204	7.936	18.864	18.68	18.53	18.548
05/03/2023 17:10	09:10:00	9.908	8.933333	8.226	7.966667	18.93	18.755	18.596	18.61
05/03/2023 17:20	09:20:00	9.926667	8.946	8.26	8.004	18.978	18.82	18.65333	18.66333
05/03/2023 17:30	09:30:00	9.96	8.983333	8.293333	8.03	19.035	18.87	18.71	18.71667
05/03/2023 17:40	09:40:00	9.982	9.01	8.316	8.055	19.1	18.93	18.776	18.774
05/03/2023 17:50	09:50:00	10.024	9.034	8.33	8.092	19.158	18.99	18.84	18.83167
05/03/2023 18:00	10:00:00	10.07	9.066667	8.378	8.126	19.214	19.04875	18.89571	18.898
05/03/2023 18:10	10:10:00	10.11	9.106667	8.406	8.153333	19.27	19.10563	18.94905	18.948
05/03/2023 18:20	10:20:00	10.13333	9.126	8.43	8.178	19.308	19.162	19.00238	19.00167
05/03/2023 18:30	10:30:00	10.17	9.155	8.468	8.206	19.364	19.21	19.05	19.048
05/03/2023 18:40	10:40:00	10.198	9.188	8.496	8.244	19.42	19.26	19.095	19.098
05/03/2023 18:50	10:50:00	10.222	9.212	8.52	8.26	19.456	19.295	19.1325	19.126
05/03/2023 19:00	11:00:00	10.24	9.228333	8.538	8.284	19.498	19.33	19.16	19.154

05/03/2023 19:10	11:10:00	10.272	9.263333	8.558	8.303333	19.53	19.355	19.185	19.176
05/03/2023 19:20	11:20:00	10.29	9.29	8.58	8.328	19.54	19.368	19.198	19.18833
05/03/2023 19:30	11:30:00	10.31	9.298333	8.606667	8.346667	19.545	19.38	19.21	19.192
05/03/2023 19:40	11:40:00	10.33	9.323333	8.636	8.371667	19.56	19.39	19.215	19.2
05/03/2023 19:50	11:50:00	10.35	9.342	8.64	8.392	19.564	19.406	19.228	19.21667
05/03/2023 20:00	12:00:00	10.39	9.375	8.676667	8.416667	19.585	19.43	19.25	19.234
05/03/2023 20:10	12:10:00	10.432	9.4	8.706	8.436667	19.61	19.46	19.295	19.27667
05/03/2023 20:20	12:20:00	10.46333	9.426	8.73	8.478	19.634	19.486	19.326	19.31
05/03/2023 20:30	12:30:00	10.51	9.463333	8.753333	8.503333	19.665	19.51	19.35	19.346
05/03/2023 20:40	12:40:00	10.556	9.49	8.784	8.533333	19.7	19.55	19.395	19.39
05/03/2023 20:50	12:50:00	10.60667	9.522	8.81	8.558	19.734	19.592	19.434	19.43
05/03/2023 21:00	13:00:00	10.63	9.546667	8.846667	8.57	19.77	19.61	19.46	19.452
05/03/2023 21:10	13:10:00	10.664	9.57	8.884	8.605	19.79	19.635	19.48	19.46667
05/03/2023 21:20	13:20:00	10.68333	9.588	8.9	8.634	19.8	19.64	19.49	19.48
05/03/2023 21:30	13:30:00	10.71	9.616	8.922	8.646	19.8	19.65	19.5	19.482
05/03/2023 21:40	13:40:00	10.755	9.638	8.954	8.682	19.8	19.66	19.51	19.498
05/03/2023 21:50	13:50:00	10.78333	9.656	8.98	8.698	19.8	19.668	19.518	19.51
05/03/2023 22:00	14:00:00	10.83	9.7	9.006	8.722	19.804	19.67	19.53	19.512
05/03/2023 22:10	14:10:00	10.88	9.738	9.038	8.745	19.81	19.68	19.536	19.52
05/03/2023 22:20	14:20:00	10.924	9.75	9.06	8.772	19.8075	19.68	19.54	19.53
05/03/2023 22:30	14:30:00	10.99	9.766	9.09	8.805	19.8	19.68	19.54	19.5325
05/03/2023 22:40	14:40:00	11.06	9.784	9.136	8.835	19.8	19.68	19.54	19.54
05/03/2023 22:50	14:50:00	11.11	9.8	9.16	8.85	19.7975	19.68	19.54	19.54

05/03/2023 23:00	15:00:00	11.19	9.834	9.2075	8.8725	19.79	19.68	19.54	19.54
05/03/2023 23:10	15:10:00	11.275	9.896	9.246	8.89	19.79	19.674	19.54	19.54
05/03/2023 23:20	15:20:00	11.336	9.945	9.27	8.898	19.775	19.67	19.54	19.54
05/03/2023 23:30	15:30:00	11.42	10.01	9.2975	8.925	19.752	19.66	19.53	19.53
05/03/2023 23:40	15:40:00	11.515	10.05	9.336	8.94	19.75	19.66	19.53	19.53

# Guildhall - 1st Cycle

Date: 18/04/2023. Fridges switched off: 08:00

ROW LABELS	DIFF	PCS_T1_02	PCS_T2_02	PCS_T3_02	PCS_T4_02	C_T1_02	C_T2_02	C_T3_02	C_T4_02
18/04/2023 08:00	00:00:00	4.44	4.29	3.58	2.38	4.2225	4.1375	3.81125	4.35
18/04/2023 08:10	00:10:00	5.64	4.65375	4.63	4.30375	6.1975	5.56	5.73	5.605
18/04/2023 08:20	00:20:00	5.7225	5.3725	5.12	4.755	6.89625	6.0675	6.105	5.95125
18/04/2023 08:30	00:30:00	6.08625	5.62	5.35875	4.98	7.57	6.58125	6.63	6.43
18/04/2023 08:40	00:40:00	6.5075	5.95	5.66625	5.28	8.3725	7.3225	7.33875	7.15
18/04/2023 08:50	00:50:00	6.77	6.17625	5.86	5.50625	9.00375	7.94	7.975	7.775
18/04/2023 09:00	01:00:00	6.95	6.33	6.01375	5.66	9.4775	8.4175	8.4625	8.23
18/04/2023 09:10	01:10:00	7.18125	6.5075	6.185	5.85	10.055	9.0125	9.03875	8.825
18/04/2023 09:20	01:20:00	7.3575	6.64625	6.33	5.97375	10.53125	9.535	9.555	9.335
18/04/2023 09:30	01:30:00	7.48125	6.755	6.43125	6.075	10.9	9.95375	9.9425	9.71
18/04/2023 09:40	01:40:00	7.62875	6.89	6.55375	6.2	11.35	10.45375	10.43	10.215
18/04/2023 09:50	01:50:00	7.7625	7	6.65	6.29625	11.7425	10.8925	10.85	10.6425
18/04/2023 10:00	02:00:00	7.855714	7.086	6.731429	6.38	12.04429	11.22375	11.19714	10.96
18/04/2023 10:10	02:10:00	7.955333	7.19	6.842857	6.47	12.45286	11.65714	11.58714	11.40429
18/04/2023 10:20	02:20:00	8.055714	7.29	6.92	6.57	12.76462	12.02286	11.95857	11.8
18/04/2023 10:30	02:30:00	8.13	7.343333	6.970769	6.626667	12.97231	12.26833	12.195	12.04
18/04/2023 10:40	02:40:00	8.25	7.445	7.06	6.71625	13.355	12.655	12.5975	12.42
18/04/2023 10:50	02:50:00	8.305	7.50125	7.12	6.775	13.6125	12.9125	12.875	12.7025
18/04/2023 11:00	03:00:00	8.365	7.5575	7.185	6.83	13.8175	13.10875	13.105	12.94
18/04/2023 11:10	03:10:00	8.425	7.6325	7.25125	6.91	14.0875	13.3875	13.395	13.235
18/04/2023 11:20	03:20:00	8.4825	7.68875	7.32	6.9625	14.32	13.635	13.655	13.505



18/04/2023 11:30	03:30:00	8.535	7.73	7.355714	7.02	14.50429	13.82	13.84625	13.7
18/04/2023 11:40	03:40:00	8.59	7.804286	7.411429	7.085	14.74786	14.08714	14.12	13.95714
18/04/2023 11:50	03:50:00	8.651429	7.868571	7.47	7.132857	14.92857	14.31857	14.33143	14.17
18/04/2023 12:00	04:00:00	8.695	7.9025	7.505	7.17	15.075	14.48	14.49375	14.33
18/04/2023 12:10	04:10:00	8.73	7.96375	7.5625	7.215	15.29375	14.71	14.715	14.57125
18/04/2023 12:20	04:20:00	8.7925	8.00125	7.6	7.265	15.44375	14.885	14.88	14.7425
18/04/2023 12:30	04:30:00	8.83	8.056923	7.646	7.31	15.57385	15.03375	15.04	14.88
18/04/2023 12:40	04:40:00	8.87	8.1	7.6925	7.355	15.74308	15.24	15.2275	15.075
18/04/2023 12:50	04:50:00	8.915	8.13125	7.73	7.40125	15.8725	15.39	15.36	15.225
18/04/2023 13:00	05:00:00	8.945	8.165	7.76375	7.435	15.985	15.51625	15.47875	15.35
18/04/2023 13:10	05:10:00	9	8.23125	7.8125	7.475	16.1475	15.685	15.665	15.53125
18/04/2023 13:20	05:20:00	9.03	8.26875	7.84	7.5175	16.2625	15.8225	15.79	15.65875
18/04/2023 13:30	05:30:00	9.0675	8.3025	7.87375	7.545	16.3725	15.9375	15.9025	15.78
18/04/2023 13:40	05:40:00	9.12	8.35125	7.93	7.59375	16.5275	16.1	16.0725	15.9325
18/04/2023 13:50	05:50:00	9.155	8.38875	7.96	7.63125	16.63	16.225	16.185	16.06625
18/04/2023 14:00	06:00:00	9.185	8.4225	7.995	7.66	16.72	16.3375	16.28625	16.17
18/04/2023 14:10	06:10:00	9.25	8.46375	8.0375	7.7025	16.85875	16.47	16.4325	16.30625
18/04/2023 14:20	06:20:00	9.2675	8.495	8.07	7.73125	16.95	16.57	16.535	16.41875
18/04/2023 14:30	06:30:00	9.30875	8.5325	8.09375	7.76	17.0375	16.66875	16.62	16.51
18/04/2023 14:40	06:40:00	9.36	8.573333	8.141429	7.8125	17.14143	16.79	16.75	16.63571
18/04/2023 14:50	06:50:00	9.3825	8.615	8.18	7.84125	17.23875	16.8825	16.845	16.73125
18/04/2023 15:00	07:00:00	9.3975	8.66	8.21125	7.87	17.315	16.96125	16.93	16.82
18/04/2023 15:10	07:10:00	9.44	8.67875	8.2425	7.9125	17.40375	17.075	17.0275	16.92375

18/04/2023 15:20	07:20:00	9.48	8.7225	8.27	7.9375	17.4775	17.1625	17.11	17.01125
18/04/2023 15:30	07:30:00	9.52125	8.76	8.3025	7.965	17.5425	17.24125	17.1775	17.08
18/04/2023 15:40	07:40:00	9.56	8.785	8.35	8.00375	17.64125	17.335	17.285	17.17125
18/04/2023 15:50	07:50:00	9.585	8.81	8.38	8.0375	17.70625	17.4075	17.36	17.25125
18/04/2023 16:00	08:00:00	9.6075	8.84	8.40125	8.065	17.7625	17.4725	17.42125	17.32
18/04/2023 16:10	08:10:00	9.66	8.89125	8.44	8.0925	17.835	17.565	17.5	17.39125
18/04/2023 16:20	08:20:00	9.6675	8.91625	8.47	8.1175	17.895	17.6375	17.555	17.45375
18/04/2023 16:30	08:30:00	9.70875	8.95	8.49375	8.145	17.9425	17.685	17.61125	17.5
18/04/2023 16:40	08:40:00	9.74	8.965	8.52	8.18375	18.015	17.76	17.6825	17.575
18/04/2023 16:50	08:50:00	9.7725	9.015	8.54	8.2175	18.075	17.8175	17.74	17.63375
18/04/2023 17:00	09:00:00	9.7875	9.0375	8.5825	8.235	18.1175	17.865	17.785	17.68
18/04/2023 17:10	09:10:00	9.8	9.06	8.614286	8.26125	18.15714	17.91286	17.835	17.72714
18/04/2023 17:20	09:20:00	9.8225	9.07625	8.62	8.28125	18.1825	17.96	17.865	17.76625
18/04/2023 17:30	09:30:00	9.8375	9.095	8.65125	8.31	18.205	17.99625	17.8925	17.8
18/04/2023 17:40	09:40:00	9.85	9.11375	8.675	8.3325	18.2375	18.035	17.925	17.82875
18/04/2023 17:50	09:50:00	9.8825	9.13875	8.69	8.3575	18.25125	18.0625	17.95	17.8575
18/04/2023 18:00	10:00:00	9.905	9.165	8.715	8.38	18.265	18.0875	17.97875	17.88
18/04/2023 18:10	10:10:00	9.94	9.20125	8.765	8.4125	18.2975	18.13	18.0275	17.92875
18/04/2023 18:20	10:20:00	9.975	9.2325	8.78	8.4375	18.3425	18.1625	18.065	17.96625
18/04/2023 18:30	10:30:00	9.9975	9.2625	8.8225	8.46	18.3675	18.19625	18.09875	17.99
18/04/2023 18:40	10:40:00	10.05	9.2975	8.8625	8.49125	18.41625	18.25	18.1475	18.03875
18/04/2023 18:50	10:50:00	10.0675	9.31625	8.89	8.5075	18.46375	18.275	18.18	18.07625
18/04/2023 19:00	11:00:00	10.105	9.3425	8.92375	8.53	18.4975	18.30625	18.2025	18.1

18/04/2023 19:10	11:10:00	10.15	9.3775	8.9725	8.56125	18.5375	18.35	18.245	18.1425
18/04/2023 19:20	11:20:00	10.165	9.415	9	8.5775	18.5625	18.375	18.27	18.1675
18/04/2023 19:30	11:30:00	10.18375	9.43	9.01125	8.6	18.58	18.3975	18.28625	18.18
18/04/2023 19:40	11:40:00	10.21	9.45125	9.0275	8.6325	18.58	18.425	18.2925	18.19
18/04/2023 19:50	11:50:00	10.21	9.47625	9.05	8.65	18.57	18.44	18.29	18.19125
18/04/2023 20:00	12:00:00	10.22125	9.495	9.0525	8.66	18.5625	18.44	18.29625	18.19
18/04/2023 20:10	12:10:00	10.25	9.51375	9.0775	8.68125	18.55	18.43375	18.29	18.19
18/04/2023 20:20	12:20:00	10.28	9.5325	9.08	8.6975	18.53857	18.43	18.28429	18.18125
18/04/2023 20:30	12:30:00	10.28857	9.557143	9.092857	8.721429	18.515	18.41875	18.26875	18.175
18/04/2023 20:40	12:40:00	10.33875	9.5675	9.125	8.74125	18.5	18.39375	18.25625	18.1625
18/04/2023 20:50	12:50:00	10.33	9.5925	9.14	8.75	18.47875	18.3825	18.245	18.15125
18/04/2023 21:00	13:00:00	10.34875	9.6075	9.16	8.765	18.455	18.36625	18.22875	18.135
18/04/2023 21:10	13:10:00	10.38	9.6375	9.175	8.79125	18.43	18.3475	18.21625	18.1225
18/04/2023 21:20	13:20:00	10.3875	9.65625	9.19	8.81125	18.40875	18.3325	18.205	18.11125
18/04/2023 21:30	13:30:00	10.4175	9.6675	9.20125	8.83	18.385	18.30625	18.17875	18.095
18/04/2023 21:40	13:40:00	10.44	9.7	9.2175	8.85125	18.36	18.29375	18.1625	18.075
18/04/2023 21:50	13:50:00	10.4625	9.7125	9.24	8.86375	18.338	18.275	18.145	18.0525
18/04/2023 22:00	14:00:00	10.5075	9.7275	9.241429	8.88	18.314	18.2525	18.1175	18.03
18/04/2023 22:10	14:10:00	10.52	9.7575	9.265	8.91	18.29	18.2275	18.09625	18.005
18/04/2023 22:20	14:20:00	10.555	9.7825	9.28	8.9175	18.2675	18.2125	18.08	17.9825
18/04/2023 22:30	14:30:00	10.57	9.7975	9.29125	8.935	18.235	18.1825	18.04625	17.95
18/04/2023 22:40	14:40:00	10.59	9.84	9.315	8.96	18.21	18.1575	18.01625	17.9325
18/04/2023 22:50	14:50:00	10.615	9.85875	9.33	8.96375	18.1975	18.135	17.995	17.9125

18/04/2023 23:00	15:00:00	10.6375	9.8775	9.35125	8.98	18.165	18.1025	17.9675	17.885
18/04/2023 23:10	15:10:00	10.68	9.90375	9.3675	9.00375	18.14	18.0775	17.9425	17.8625
18/04/2023 23:20	15:20:00	10.7075	9.9225	9.39	9.03375	18.1175	18.055	17.92	17.8425
18/04/2023 23:30	15:30:00	10.7375	9.945	9.40125	9.05	18.085	18.02875	17.89	17.805
18/04/2023 23:40	15:40:00	10.77	9.96	9.425	9.08	18.08	18.01	17.89	17.79

## Guildhall – 2nd Cycle

Date: 08/06/2023 Switched off: 08:20am

ROW LABELS	DIFF	PCS_T1_01	PCS_T2_01	PCS_T3_01	PCS_T4_01	C_T1_01	C_T2_01	C_T3_01	C_T4_01
06/08/2023 08:20	00:00:00	4.29	4.113333	4.02	3.69	4.6	4.575	4.3975	4.735
06/08/2023 08:30	00:10:00	5.274	5.06	4.894	4.688	5.734	5.272	5.302	5.19
06/08/2023 08:40	00:20:00	5.865	5.411667	5.2	4.9	6.73	5.846	5.87	5.694
06/08/2023 08:50	00:30:00	6.29	5.696667	5.45	5.144	7.465	6.485	6.47	6.2925
06/08/2023 09:00	00:40:00	6.598	5.963333	5.69	5.386	8.146	7.084	7.112	6.88
06/08/2023 09:10	00:50:00	6.858	6.218333	5.884	5.562	8.815	7.66	7.72	7.486
06/08/2023 09:20	01:00:00	7.03	6.35	6.04	5.722	9.23	8.19	8.2225	7.9975
06/08/2023 09:30	01:10:00	7.204	6.49	6.18	5.87	9.704	8.688	8.716	8.45
06/08/2023 09:40	01:20:00	7.374	6.635	6.312	5.998	10.21333	9.206	9.2	8.96
06/08/2023 09:50	01:30:00	7.5	6.736667	6.41	6.086	10.58	9.675	9.61	9.4025
06/08/2023 10:00	01:40:00	7.626	6.843333	6.522	6.204	10.97333	10.096	10.036	9.79
06/08/2023 10:10	01:50:00	7.7475	6.98	6.615	6.295	11.38667	10.52	10.45	10.19667
06/08/2023 10:20	02:00:00	7.86	7.0475	6.7	6.386	11.6875	10.872	10.804	10.568
06/08/2023 10:30	02:10:00	7.948	7.146667	6.808	6.472	12.05	11.248	11.182	10.95
06/08/2023 10:40	02:20:00	8.0425	7.241667	6.8875	6.555	12.41833	11.61	11.56	11.324
06/08/2023 10:50	02:30:00	8.14	7.315	6.96	6.638	12.6675	11.906	11.848	11.618
06/08/2023 11:00	02:40:00	8.208	7.4	7.03	6.702	12.98	12.226	12.178	11.96
06/08/2023 11:10	02:50:00	8.298	7.478333	7.108	6.78	13.29333	12.532	12.49	12.268
06/08/2023 11:20	03:00:00	8.36	7.54	7.17	6.848889	13.52667	12.8	12.76	12.5575
06/08/2023 11:30	03:10:00	8.43	7.606667	7.236	6.918	13.77333	13.06	13.036	12.82
06/08/2023 11:40	03:20:00	8.5	7.676667	7.292	6.986	14.04667	13.326	13.31	13.1

06/08/2023 11:50	03:30:00	8.55	7.72	7.35	7.042	14.2225	13.542	13.526	13.322
06/08/2023 12:00	03:40:00	8.61	7.798	7.41	7.1	14.478	13.82	13.7975	13.606
06/08/2023 12:10	03:50:00	8.654	7.846667	7.462	7.154	14.685	14.014	14.01	13.814
06/08/2023 12:20	04:00:00	8.71	7.8925	7.51	7.194	14.8475	14.214	14.202	14.012
06/08/2023 12:30	04:10:00	8.755	7.97	7.575	7.2525	15.064	14.46	14.45	14.262
06/08/2023 12:40	04:20:00	8.818	8.02	7.622	7.308	15.266	14.6475	14.63	14.465
06/08/2023 12:50	04:30:00	8.87	8.07	7.67	7.3425	15.41333	14.825	14.8175	14.645
06/08/2023 13:00	04:40:00	8.9	8.122	7.712	7.406	15.604	15.04	15.0275	14.85333
06/08/2023 13:10	04:50:00	8.976667	8.168	7.762	7.448	15.774	15.2125	15.2	15.035
06/08/2023 13:20	05:00:00	9.006667	8.212	7.8	7.492	15.918	15.375	15.36333	15.19333
06/08/2023 13:30	05:10:00	9.055	8.27	7.852	7.538	16.078	15.56	15.5475	15.38
06/08/2023 13:40	05:20:00	9.095	8.304	7.894	7.582	16.232	15.735	15.69	15.545
06/08/2023 13:50	05:30:00	9.135	8.34	7.94	7.614	16.364	15.865	15.83667	15.68333
06/08/2023 14:00	05:40:00	9.19	8.394	7.976	7.664	16.51	16.02	16	15.852
06/08/2023 14:10	05:50:00	9.228	8.434	8.0225	7.695	16.63556	16.16	16.13	15.995
06/08/2023 14:20	06:00:00	9.256667	8.458	8.05	7.734	16.76	16.3	16.26333	16.12333
06/08/2023 14:30	06:10:00	9.31	8.518	8.088	7.778	16.892	16.45	16.4125	16.26833
06/08/2023 14:40	06:20:00	9.355	8.55	8.124	7.828	17	16.5725	16.53	16.41
06/08/2023 14:50	06:30:00	9.385	8.578	8.16	7.856	17.112	16.69	16.65	16.52
06/08/2023 15:00	06:40:00	9.42	8.628	8.204	7.894	17.24	16.83	16.785	16.658
06/08/2023 15:10	06:50:00	9.447778	8.672	8.2325	7.925	17.346	16.94	16.89	16.775
06/08/2023 15:20	07:00:00	9.476	8.695	8.26	7.964	17.445	17.048	17.002	16.884
06/08/2023 15:30	07:10:00	9.52	8.734	8.298	7.994	17.544	17.17	17.11	17.004

06/08/2023 15:40	07:20:00	9.572	8.768	8.34	8.025	17.654	17.27	17.2	17.1
06/08/2023 15:50	07:30:00	9.594	8.815	8.37	8.064	17.738	17.378	17.322	17.212
06/08/2023 16:00	07:40:00	9.654	8.836667	8.406667	8.095	17.822	17.466	17.412	17.3
06/08/2023 16:10	07:50:00	9.676	8.883333	8.4425	8.13	17.93	17.574	17.51	17.388
06/08/2023 16:20	08:00:00	9.703333	8.912	8.47	8.156667	18.008	17.672	17.60667	17.494
06/08/2023 16:30	08:10:00	9.75	8.946667	8.508	8.204	18.1	17.76	17.708	17.584
06/08/2023 16:40	08:20:00	9.78	8.985	8.55	8.2425	18.185	17.86	17.80667	17.6925
06/08/2023 16:50	08:30:00	9.812	9.025	8.56	8.266	18.255	17.926	17.87	17.75
06/08/2023 17:00	08:40:00	9.84	9.05	8.602	8.294	18.328	18.03	17.945	17.842
06/08/2023 17:10	08:50:00	9.868	9.096	8.635	8.32	18.414	18.105	18.02	17.92
06/08/2023 17:20	09:00:00	9.918	9.13	8.66	8.354	18.495	18.186	18.114	17.99
06/08/2023 17:30	09:10:00	9.97	9.164	8.694	8.386	18.568	18.27	18.1875	18.072
06/08/2023 17:40	09:20:00	9.998	9.193333	8.724	8.414	18.64	18.33	18.26	18.144
06/08/2023 17:50	09:30:00	10.016	9.23	8.77	8.444	18.715	18.418	18.334	18.22
06/08/2023 18:00	09:40:00	10.058	9.266667	8.802	8.474	18.77333	18.5	18.41	18.29
06/08/2023 18:10	09:50:00	10.094	9.291667	8.832	8.498	18.84	18.57	18.48	18.354
06/08/2023 18:20	10:00:00	10.134	9.325	8.87	8.526	18.917	18.64	18.554	18.422
06/08/2023 18:30	10:10:00	10.175	9.37	8.892	8.564	18.9875	18.71	18.62	18.51
06/08/2023 18:40	10:20:00	10.216	9.398	8.925	8.6	19.04	18.7725	18.68	18.57
06/08/2023 18:50	10:30:00	10.246	9.445	8.96	8.636	19.106	18.846	18.75	18.63
06/08/2023 19:00	10:40:00	10.285	9.476	9.002	8.664	19.15667	18.91	18.81	18.7
06/08/2023 19:10	10:50:00	10.3	9.494	9.0425	8.69	19.21	18.97	18.87	18.755
06/08/2023 19:20	11:00:00	10.34667	9.514	9.07	8.716	19.26333	19.024	18.92333	18.802

06/08/2023 19:30	11:10:00	10.39	9.552	9.116	8.734	19.3125	19.08	18.9725	18.866
06/08/2023 19:40	11:20:00	10.39	9.582	9.155	8.755	19.35	19.12	19.01	18.91
06/08/2023 19:50	11:30:00	10.42333	9.606	9.19	8.776	19.38	19.168	19.05	18.946
06/08/2023 20:00	11:40:00	10.45	9.638	9.208	8.812	19.415	19.21	19.0925	18.994
06/08/2023 20:10	11:50:00	10.47667	9.674	9.236	8.832	19.44	19.248	19.13	19.028
06/08/2023 20:20	12:00:00	10.52167	9.698	9.26	8.848	19.45667	19.272	19.15667	19.056
06/08/2023 20:30	12:10:00	10.54	9.726	9.278	8.882	19.4775	19.32	19.1925	19.094
06/08/2023 20:40	12:20:00	10.58333	9.764	9.298	8.902	19.5	19.348	19.22	19.122
06/08/2023 20:50	12:30:00	10.615	9.788	9.31	8.918	19.52333	19.372	19.23667	19.146
06/08/2023 21:00	12:40:00	10.645	9.832	9.332	8.942	19.5375	19.39	19.2725	19.172
06/08/2023 21:10	12:50:00	10.68333	9.864	9.358	8.962	19.55	19.414	19.29	19.192
06/08/2023 21:20	13:00:00	10.71333	9.895	9.37	8.986667	19.57429	19.42667	19.31333	19.21667
06/08/2023 21:30	13:10:00	10.755	9.926	9.398	9.022	19.58	19.45	19.3275	19.232
06/08/2023 21:40	13:20:00	10.78833	9.962	9.420909	9.042	19.59	19.468	19.34	19.246
06/08/2023 21:50	13:30:00	10.82667	9.985	9.44	9.066667	19.59429	19.48667	19.35333	19.26667
06/08/2023 22:00	13:40:00	10.865	10.008	9.464	9.094	19.6	19.49	19.36	19.28
06/08/2023 22:10	13:50:00	10.91	10.044	9.485	9.116	19.61	19.5025	19.37	19.285
06/08/2023 22:20	14:00:00	10.93	10.07	9.5	9.137	19.61	19.51	19.37333	19.29833
06/08/2023 22:30	14:10:00	10.995	10.104	9.522	9.164	19.61	19.52	19.383	19.3
06/08/2023 22:40	14:20:00	11.035	10.132	9.556	9.186	19.61	19.52	19.38833	19.30333
06/08/2023 22:50	14:30:00	11.085	10.155	9.58	9.206667	19.61	19.52667	19.38	19.3
06/08/2023 23:00	14:40:00	11.125	10.194	9.608	9.224	19.6	19.528	19.38	19.3
06/08/2023 23:10	14:50:00	11.17333	10.236	9.636	9.246	19.6	19.52	19.38	19.304



06/08/2023 23:20	15:00:00	11.20667	10.272	9.66	9.266	19.594	19.52	19.38	19.3
06/08/2023 23:30	15:10:00	11.26	10.314	9.678	9.294	19.58143	19.52	19.37143	19.296
06/08/2023 23:40	15:20:00	11.31429	10.33	9.706667	9.323333	19.58	19.52	19.37	19.29

# Long Melford - 1st Cycle

Date: 24/04/2023. Fridges switched off: 10:40

ROW LABELS	DIFF	PCS_T1_01	PCS_T2_01	PCS_T3_01	PCS_T4_01	C_T1_01	C_T2_01	C_T3_01	C_T4_01
24/04/2023 10:40	00:00:00	5	4.83	4.81	4.41	6.38	4.21	4.365714	4.147143
24/04/2023 10:50	00:10:00	5.715714	5.11	4.974286	4.731429	6.83	5.302857	5.201429	5.001429
24/04/2023 11:00	00:20:00	6.165	5.465	5.21	4.965	7.56	6.44	6.23375	6.01
24/04/2023 11:10	00:30:00	6.48	5.77125	5.4025	5.15	8.45	7.3	7.04625	6.785
24/04/2023 11:20	00:40:00	6.78125	6.03375	5.5775	5.3325	9.23	8.085	7.79375	7.485
24/04/2023 11:30	00:50:00	7.03625	6.28375	5.77625	5.505	10.07	8.9275	8.61375	8.26
24/04/2023 11:40	01:00:00	7.205	6.47125	5.9275	5.64	10.6975	9.595	9.26125	8.875
24/04/2023 11:50	01:10:00	7.35625	6.63375	6.05875	5.775	11.3	10.21	9.87	9.45
24/04/2023 12:00	01:20:00	7.5325	6.8075	6.21375	5.91	11.965	10.9125	10.56375	10.15
24/04/2023 12:10	01:30:00	7.64	6.93875	6.34375	6.01	12.505	11.465	11.10375	10.7325
24/04/2023 12:20	01:40:00	7.7625	7.0675	6.45625	6.1075	13.01	12.0025	11.63375	11.295
24/04/2023 12:30	01:50:00	7.89375	7.20375	6.6	6.22	13.59	12.605	12.23125	11.93
24/04/2023 12:40	02:00:00	7.99875	7.31	6.7	6.32	14.065	13.065	12.70625	12.4775
24/04/2023 12:50	02:10:00	8.0875	7.41	6.7875	6.415	14.51	13.5025	13.16125	12.965
24/04/2023 13:00	02:20:00	8.19	7.52375	6.88875	6.4975	15.02	14.0225	13.695	13.5
24/04/2023 13:10	02:30:00	8.26375	7.61125	6.97625	6.59	15.42	14.44	14.14	13.9225
24/04/2023 13:20	02:40:00	8.365714	7.690667	7.062857	6.652857	15.8	14.88429	14.55714	14.35857
24/04/2023 13:30	02:50:00	8.43125	7.77875	7.14625	6.755	16.245	15.3125	15.01125	14.81
24/04/2023 13:40	03:00:00	8.51125	7.8475	7.20875	6.81	16.6	15.68	15.385	15.175
24/04/2023 13:50	03:10:00	8.57875	7.905	7.27125	6.8925	16.93	16.04	15.73125	15.54
24/04/2023 14:00	03:20:00	8.665	8.0025	7.34625	6.96	17.3	16.455	16.13625	15.95

24/04/2023 14:10	03:30:00	8.72375	8.065	7.40875	7.03	17.585	16.77	16.46125	16.2725
24/04/2023 14:20	03:40:00	8.775	8.10625	7.45875	7.0825	17.85	17.07	16.75875	16.57
24/04/2023 14:30	03:50:00	8.835	8.165	7.5325	7.12	18.15	17.4025	17.09125	16.92
24/04/2023 14:40	04:00:00	8.8675	8.215	7.566	7.18	18.375	17.66	17.34857	17.18
24/04/2023 14:50	04:10:00	8.91375	8.255714	7.614	7.22	18.58	17.89571	17.5875	17.425
24/04/2023 15:00	04:20:00	8.95875	8.30125	7.665	7.2575	18.81	18.1625	17.8575	17.71
24/04/2023 15:10	04:30:00	9.0225	8.35125	7.71125	7.32	18.98	18.37	18.06	17.9225
24/04/2023 15:20	04:40:00	9.055714	8.405	7.758571	7.357143	19.14	18.566	18.26	18.13
24/04/2023 15:30	04:50:00	9.1025	8.445	7.814667	7.43	19.315	18.7725	18.47125	18.34
24/04/2023 15:40	05:00:00	9.152857	8.487143	7.856667	7.47	19.45571	18.93	18.635	18.515
24/04/2023 15:50	05:10:00	9.17625	8.52625	7.89875	7.5175	19.6	19.1	18.7925	18.685
24/04/2023 16:00	05:20:00	9.2325	8.575	7.94375	7.5625	19.755	19.2725	18.97625	18.88
24/04/2023 16:10	05:30:00	9.275	8.625	7.985	7.6	19.8925	19.43	19.125	19.0225
24/04/2023 16:20	05:40:00	9.31625	8.66625	8.02875	7.6325	20.03	19.5875	19.27875	19.18
24/04/2023 16:30	05:50:00	9.39125	8.72875	8.08625	7.6925	20.23	19.7725	19.465	19.38
24/04/2023 16:40	06:00:00	9.43625	8.785	8.1375	7.71	20.38	19.93	19.63375	19.54
24/04/2023 16:50	06:10:00	9.49125	8.82625	8.18125	7.7725	20.54	20.0875	19.775	19.695
24/04/2023 17:00	06:20:00	9.53125	8.885	8.24375	7.8175	20.725	20.2825	19.9725	19.89
24/04/2023 17:10	06:30:00	9.59	8.94	8.285	7.8625	20.9125	20.455	20.15	20.0625
24/04/2023 17:20	06:40:00	9.65375	8.985	8.325	7.88	21.06	20.605	20.285	20.21
24/04/2023 17:30	06:50:00	9.705	9.03	8.38	7.93	21.225	20.78375	20.4575	20.375
24/04/2023 17:40	07:00:00	9.765	9.085	8.42125	7.97	21.39	20.945	20.625	20.5475
24/04/2023 17:50	07:10:00	9.80375	9.135	8.45875	8.0125	21.54	21.1	20.77125	20.685

24/04/2023 18:00	07:20:00	9.86	9.1775	8.51	8.08125	21.67375	21.2425	20.9075	20.8275
24/04/2023 18:10	07:30:00	9.89875	9.225	8.5475	8.11	21.79	21.38	21.04	20.97
24/04/2023 18:20	07:40:00	9.93125	9.26625	8.59125	8.1475	21.88	21.4825	21.13625	21.065
24/04/2023 18:30	07:50:00	9.955	9.2975	8.63	8.17625	21.95875	21.5775	21.225	21.14375
24/04/2023 18:40	08:00:00	9.97875	9.32625	8.66125	8.22	22.0125	21.65	21.29375	21.2
24/04/2023 18:50	08:10:00	10.01143	9.35625	8.6925	8.265714	22.05	21.7075	21.336	21.25
24/04/2023 19:00	08:20:00	10.035	9.385	8.72	8.305	22.0775	21.765	21.38933	21.28714
24/04/2023 19:10	08:30:00	10.07625	9.4125	8.76125	8.32	22.105	21.81	21.4325	21.335
24/04/2023 19:20	08:40:00	10.10375	9.4375	8.79875	8.3525	22.13	21.835	21.4575	21.36
24/04/2023 19:30	08:50:00	10.13625	9.47125	8.83375	8.3825	22.16	21.8775	21.49625	21.39
24/04/2023 19:40	09:00:00	10.18	9.4975	8.875	8.4325	22.19625	21.925	21.5425	21.45875
24/04/2023 19:50	09:10:00	10.18625	9.535	8.90875	8.455	22.24	21.97	21.595	21.515
24/04/2023 20:00	09:20:00	10.23	9.56125	8.954286	8.47	22.285	22.03091	21.66375	21.58
24/04/2023 20:10	09:30:00	10.25	9.601429	9.008571	8.497143	22.33429	22.08545	21.73429	21.65143
24/04/2023 20:20	09:40:00	10.27625	9.618571	9.04875	8.52	22.38	22.12909	21.78875	21.715
24/04/2023 20:30	09:50:00	10.32	9.655714	9.092	8.534286	22.43286	22.19571	21.84571	21.79
24/04/2023 20:40	10:00:00	10.34625	9.68875	9.13125	8.58	22.48	22.25	21.905	21.8525
24/04/2023 20:50	10:10:00	10.3725	9.7175	9.175	8.5875	22.52	22.3	21.955	21.91
24/04/2023 21:00	10:20:00	10.39625	9.7475	9.21375	8.625	22.555	22.3475	22.00625	21.97
24/04/2023 21:10	10:30:00	10.45	9.775	9.255	8.65125	22.5875	22.38875	22.0575	22.015
24/04/2023 21:20	10:40:00	10.45375	9.7975	9.28875	8.665	22.6	22.4075	22.09125	22.05
24/04/2023 21:30	10:50:00	10.505	9.8275	9.324	8.695	22.61286	22.44	22.11875	22.08
24/04/2023 21:40	11:00:00	10.52	9.861429	9.364	8.72125	22.61	22.44571	22.13	22.10375

24/04/2023 21:50	11:10:00	10.55	9.87875	9.3925	8.7375	22.59625	22.45	22.13375	22.11
24/04/2023 22:00	11:20:00	10.575	9.91125	9.45125	8.76	22.575	22.445	22.14	22.11
24/04/2023 22:10	11:30:00	10.61	9.945	9.47	8.79375	22.5525	22.43375	22.1375	22.11
24/04/2023 22:20	11:40:00	10.625	9.95875	9.49875	8.8225	22.52429	22.40875	22.12286	22.09286
24/04/2023 22:30	11:50:00	10.69429	9.973333	9.555	8.837143	22.49125	22.3925	22.11	22.0675
24/04/2023 22:40	12:00:00	10.72	9.9925	9.5975	8.84	22.4625	22.3675	22.0675	22.0425
24/04/2023 22:50	12:10:00	10.75625	10.0175	9.635	8.8625	22.42875	22.3375	22.045	22.02125
24/04/2023 23:00	12:20:00	10.80625	10.0475	9.665	8.8925	22.39125	22.3125	22.01	21.99714
24/04/2023 23:10	12:30:00	10.88875	10.0725	9.708	8.94	22.35429	22.28286	21.995	21.96875
24/04/2023 23:20	12:40:00	10.93625	10.10571	9.732	8.945	22.32143	22.24455	21.95857	21.93286
24/04/2023 23:30	12:50:00	11.00286	10.13857	9.757143	8.974286	22.27714	22.21591	21.93	21.90625
24/04/2023 23:40	13:00:00	11.07143	10.17714	9.815	8.99	22.26	22.2	21.93	21.88

# Long Melford - 2nd Cycle

Date: 10/05/2023. Fridges switched off: 09:00

ROW LABELS	DIFF	PCS_T1_02	PCS_T2_02	PCS_T3_02	PCS_T4_02	C_T1_02	C_T2_02	C_T3_02	C_T4_02
05/10/2023 09:00	00:00:00	4.44	3.84375	3.345	3.11	4.4925	4.4075	4.33375	4.3
05/10/2023 09:10	00:10:00	5.17	4.558333	4.4	3.807143	6.29375	5.365	5.351429	5.171429
05/10/2023 09:20	00:20:00	5.64125	4.93	4.74	4.4125	7.2825	6.38	6.21	5.93875
05/10/2023 09:30	00:30:00	6.112857	5.36	5.027143	4.721429	8.338571	7.318571	7.1	6.81
05/10/2023 09:40	00:40:00	6.51	5.73	5.32	4.985	9.2075	8.20625	7.94625	7.66
05/10/2023 09:50	00:50:00	6.7625	5.98	5.50125	5.16875	9.81	8.84	8.55	8.22875
05/10/2023 10:00	01:00:00	7.005	6.22625	5.7075	5.3625	10.50625	9.53125	9.23875	8.91
05/10/2023 10:10	01:10:00	7.23	6.45125	5.9175	5.5475	11.205	10.2475	9.93625	9.625
05/10/2023 10:20	01:20:00	7.367143	6.61	6.062	5.668571	11.71286	10.80571	10.48143	10.19571
05/10/2023 10:30	01:30:00	7.52	6.79125	6.2175	5.8025	12.27625	11.3625	11.0375	10.79
05/10/2023 10:40	01:40:00	7.68	6.95625	6.375	5.9425	12.8775	11.98	11.65	11.42
05/10/2023 10:50	01:50:00	7.815	7.0825	6.49	6.06	13.345	12.4625	12.1375	11.9325
05/10/2023 11:00	02:00:00	7.925	7.2075	6.61	6.155	13.795	12.915	12.595	12.43
05/10/2023 11:10	02:10:00	8.07	7.34	6.7225	6.2825	14.31125	13.44875	13.1175	12.98
05/10/2023 11:20	02:20:00	8.152857	7.44	6.81	6.385	14.73714	13.86875	13.53625	13.415
05/10/2023 11:30	02:30:00	8.245	7.53	6.885	6.47	15.12	14.27	13.95143	13.83
05/10/2023 11:40	02:40:00	8.34	7.64125	6.9975	6.56	15.585	14.73125	14.46	14.31
05/10/2023 11:50	02:50:00	8.40875	7.72	7.0725	6.6425	15.9025	15.065	14.81	14.6475
05/10/2023 12:00	03:00:00	8.516667	7.82	7.156667	6.74	16.30571	15.485	15.205	15.03
05/10/2023 12:10	03:10:00	8.62	7.9025	7.235	6.83	16.6725	15.87875	15.5975	15.44
05/10/2023 12:20	03:20:00	8.68875	7.97	7.31125	6.87875	16.96	16.1825	15.89	15.73

05/10/2023 12:30	03:30:00	8.77	8.04875	7.3775	6.94	17.29	16.52125	16.23	16.08
05/10/2023 12:40	03:40:00	8.84	8.12375	7.4525	7.0025	17.63875	16.89625	16.59375	16.43
05/10/2023 12:50	03:50:00	8.88625	8.18	7.50375	7.0625	17.8975	17.17	16.86	16.6875
05/10/2023 13:00	04:00:00	8.97	8.24875	7.5975	7.145	18.20125	17.49875	17.18	17
05/10/2023 13:10	04:10:00	9.03	8.3325	7.665	7.205	18.50375	17.8375	17.49875	17.325
05/10/2023 13:20	04:20:00	9.08625	8.38	7.70625	7.26125	18.72	18.07	17.73	17.56125
05/10/2023 13:30	04:30:00	9.15	8.43875	7.77	7.3175	18.98875	18.3525	18.005	17.84
05/10/2023 13:40	04:40:00	9.21	8.49625	7.845	7.3375	19.26125	18.635	18.2875	18.13
05/10/2023 13:50	04:50:00	9.26	8.54	7.88625	7.37875	19.455	18.8375	18.49	18.3325
05/10/2023 14:00	05:00:00	9.275	8.585	7.94	7.455	19.68375	19.09	18.72875	18.58
05/10/2023 14:10	05:10:00	9.35	8.645	7.985	7.495	19.9175	19.33	18.97625	18.825
05/10/2023 14:20	05:20:00	9.382	8.68	8.015714	7.545714	20.06143	19.49714	19.13857	18.99571
05/10/2023 14:30	05:30:00	9.415	8.72875	8.0675	7.59	20.27125	19.71	19.36125	19.22
05/10/2023 14:40	05:40:00	9.48	8.793333	8.116667	7.641905	20.45462	19.915	19.545	19.42
05/10/2023 14:50	05:50:00	9.53375	8.83	8.164286	7.68381	20.6025	20.07286	19.72571	19.59429
05/10/2023 15:00	06:00:00	9.58	8.88125	8.2275	7.7475	20.76875	20.25625	19.9225	19.79
05/10/2023 15:10	06:10:00	9.64	8.92625	8.2725	7.7625	20.94375	20.445	20.105	19.98
05/10/2023 15:20	06:20:00	9.685	8.97	8.315	7.815	21.0675	20.58	20.24	20.115
05/10/2023 15:30	06:30:00	9.735	9.02125	8.3675	7.87	21.20625	20.7325	20.3875	20.27
05/10/2023 15:40	06:40:00	9.79	9.075	8.3975	7.92	21.34222	20.8825	20.53375	20.42
05/10/2023 15:50	06:50:00	9.82	9.106667	8.43	7.940526	21.45222	21.00571	20.64714	20.54143
05/10/2023 16:00	07:00:00	9.866667	9.155	8.47	7.995263	21.55	21.12333	20.75667	20.66
05/10/2023 16:10	07:10:00	9.88	9.1875	8.52	8.0575	21.66875	21.24	20.88	20.785

05/10/2023 16:20	07:20:00	9.9325	9.23375	8.55	8.09	21.75625	21.34	20.98625	20.8875
05/10/2023 16:30	07:30:00	9.96	9.2675	8.59	8.1075	21.84375	21.44875	21.09	20.99
05/10/2023 16:40	07:40:00	10.02	9.315	8.6425	8.1575	21.9475	21.55375	21.19625	21.095
05/10/2023 16:50	07:50:00	10.055	9.34	8.65875	8.192857	22.01692	21.6325	21.27	21.17375
05/10/2023 17:00	08:00:00	10.10286	9.378571	8.698571	8.231429	22.09308	21.72143	21.36667	21.27
05/10/2023 17:10	08:10:00	10.13	9.407143	8.741429	8.27125	22.18	21.82429	21.4625	21.37
05/10/2023 17:20	08:20:00	10.1425	9.43	8.7675	8.285	22.2325	21.8875	21.525	21.44125
05/10/2023 17:30	08:30:00	10.18286	9.462857	8.798571	8.328571	22.3	21.96571	21.6025	21.52
05/10/2023 17:40	08:40:00	10.2	9.48875	8.835	8.36125	22.3575	22.03125	21.675	21.59
05/10/2023 17:50	08:50:00	10.21375	9.51	8.875	8.3775	22.39125	22.08	21.725	21.635
05/10/2023 18:00	09:00:00	10.25	9.558	8.902857	8.40625	22.425	22.13429	21.785	21.69
05/10/2023 18:10	09:10:00	10.29	9.587333	8.9325	8.4525	22.4525	22.17875	21.8275	21.74
05/10/2023 18:20	09:20:00	10.3225	9.61	8.96625	8.475	22.46375	22.205	21.85	21.76875
05/10/2023 18:30	09:30:00	10.34	9.65	9.01125	8.49	22.47875	22.2325	21.87	21.7925
05/10/2023 18:40	09:40:00	10.36	9.68625	9.0675	8.51375	22.48	22.24625	21.89375	21.815
05/10/2023 18:50	09:50:00	10.39375	9.71	9.08875	8.545	22.48	22.2575	21.905	21.82625
05/10/2023 19:00	10:00:00	10.425	9.75125	9.1375	8.54	22.4875	22.27125	21.91875	21.85
05/10/2023 19:10	10:10:00	10.46	9.77875	9.1825	8.57125	22.49	22.28625	21.94375	21.87
05/10/2023 19:20	10:20:00	10.49125	9.81	9.21625	8.585	22.49375	22.2975	21.955	21.88625
05/10/2023 19:30	10:30:00	10.51	9.8475	9.25	8.6125	22.5	22.31125	21.96875	21.92
05/10/2023 19:40	10:40:00	10.54	9.88625	9.31	8.6425	22.5	22.32625	21.98375	21.935
05/10/2023 19:50	10:50:00	10.585	9.94	9.355	8.665	22.50375	22.33	22	21.94625
05/10/2023 20:00	11:00:00	10.635	9.95125	9.395	8.68625	22.51	22.34125	22.01	21.96



05/10/2023 20:10	11:10:00	10.66	9.9875	9.455	8.71625	22.50867	22.35	22.03	21.975
05/10/2023 20:20	11:20:00	10.70286	10	9.495	8.76	22.502	22.3575	22.035	21.98625
05/10/2023 20:30	11:30:00	10.74286	10.03857	9.538571	8.781429	22.5	22.36	22.04857	22
05/10/2023 20:40	11:40:00	10.79	10.07571	9.588571	8.824286	22.5	22.36375	22.05	22.00429
05/10/2023 20:50	11:50:00	10.86625	10.11	9.6175	8.8575	22.5	22.36	22.05	22.01
05/10/2023 21:00	12:00:00	10.93	10.1375	9.6675	8.8925	22.49	22.36	22.05	22.01
05/10/2023 21:10	12:10:00	11.01	10.17625	9.7125	8.95	22.48	22.36	22.05	22.01
05/10/2023 21:20	12:20:00	11.06625	10.21	9.7375	8.98375	22.475	22.35	22.05	22.01125
05/10/2023 21:30	12:30:00	11.13	10.24125	9.7875	9.02	22.46	22.345	22.04	22.00625
05/10/2023 21:40	12:40:00	11.24	10.33	9.855	9.0575	22.45467	22.33429	22.03714	22
05/10/2023 21:50	12:50:00	11.31	10.37	9.878571	9.08	22.442	22.32	22.0225	21.9925
05/10/2023 22:00	13:00:00	11.42	10.42714	9.924286	9.095	22.42	22.305	22.0175	21.99
05/10/2023 22:10	13:10:00	11.54	10.4675	9.9825	9.135	22.4075	22.3	22.00625	21.985
05/10/2023 22:20	13:20:00	11.66125	10.49	10.0075	9.16125	22.385	22.28	21.9925	21.97125
05/10/2023 22:30	13:30:00	11.775	10.52375	10.0575	9.195	22.37	22.275	21.9775	21.96
05/10/2023 22:40	13:40:00	11.9	10.53875	10.1025	9.2325	22.34857	22.26333	21.96571	21.95429
05/10/2023 22:50	13:50:00	12.02286	10.55	10.1275	9.248571	22.335	22.25	21.96	21.94125
05/10/2023 23:00	14:00:00	12.14	10.57375	10.155	9.275	22.32	22.225	21.94	21.92625
05/10/2023 23:10	14:10:00	12.26	10.5975	10.1775	9.3	22.295	22.2125	21.93	21.91375
05/10/2023 23:20	14:20:00	12.3575	10.62	10.21	9.325	22.275	22.19	21.92	21.90125
05/10/2023 23:30	14:30:00	12.44	10.6275	10.215	9.38	22.26	22.17	21.8975	21.87625
05/10/2023 23:40	14:40:00	12.54	10.64875	10.2525	9.38	22.26	22.16	21.89	21.87

# Long Melford - 3rd Cycle

Date: 15/05/2023. Fridges switched off: 09:20

ROW LABELS	DIFF	PCS_T1_03	PCS_T2_03	PCS_T3_03	PCS_T4_03	C_T1_03	C_T2_03	C_T3_03	C_T4_03
15/05/2023 09:20	00:00:00	5.306667	5.128333	5.13	5.1	4.05	3.31	3.59	2.582
15/05/2023 09:30	00:10:00	5.841667	5.353333	5.175	5.106667	5.39	4.676667	4.44	4.28
15/05/2023 09:40	00:20:00	6.26	5.617143	5.312857	5.178571	6.42	5.552857	5.36875	5.122857
15/05/2023 09:50	00:30:00	6.564286	5.884286	5.47	5.296667	7.225	6.386667	6.098	5.806667
15/05/2023 10:00	00:40:00	6.828	6.126	5.645	5.445	8.1	7.22	6.87	6.63
15/05/2023 10:10	00:50:00	7	6.301429	5.801667	5.57	8.783333	7.9	7.585714	7.318333
15/05/2023 10:20	01:00:00	7.171429	6.475714	5.93	5.686667	9.34	8.47	8.148	7.856667
15/05/2023 10:30	01:10:00	7.346	6.636	6.08	5.8	10.02	9.15	8.78	8.516667
15/05/2023 10:40	01:20:00	7.49	6.782857	6.208571	5.895	10.61	9.723333	9.41	9.091667
15/05/2023 10:50	01:30:00	7.615714	6.922857	6.34	6	11.095	10.22667	9.902	9.586667
15/05/2023 11:00	01:40:00	7.744	7.054	6.475	6.143333	11.72	10.85667	10.48	10.20167
15/05/2023 11:10	01:50:00	7.86	7.184286	6.595	6.24	12.29	11.39667	11.08	10.756
15/05/2023 11:20	02:00:00	7.945714	7.281429	6.68	6.31	12.74714	11.86333	11.53333	11.27571
15/05/2023 11:30	02:10:00	8.066	7.390909	6.796	6.402	13.28	12.454	12.03	11.835
15/05/2023 11:40	02:20:00	8.15	7.486364	6.87	6.502857	13.74	12.87571	12.51375	12.32
15/05/2023 11:50	02:30:00	8.257143	7.578571	6.97	6.548571	14.17857	13.31286	12.95333	12.76571
15/05/2023 12:00	02:40:00	8.35	7.676667	7.06	6.648333	14.65	13.79	13.39	13.24286
15/05/2023 12:10	02:50:00	8.42	7.751429	7.125714	6.72	15.04571	14.18143	13.86143	13.66286
15/05/2023 12:20	03:00:00	8.501429	7.817143	7.19	6.8	15.405	14.56	14.25667	14.02333
15/05/2023 12:30	03:10:00	8.563333	7.9	7.265	6.841667	15.82	14.99333	14.69667	14.47857
15/05/2023 12:40	03:20:00	8.66	7.971429	7.325714	6.925714	16.14857	15.34	15.04143	14.82714

15/05/2023 12:50	03:30:00	8.717143	8.038571	7.41	7.002857	16.45714	15.69143	15.37571	15.16143
15/05/2023 13:00	03:40:00	8.795714	8.112857	7.475714	7.057143	16.8	16.03857	15.73143	15.50714
15/05/2023 13:10	03:50:00	8.86	8.181429	7.535	7.12	17.09	16.36333	16.035	15.82833
15/05/2023 13:20	04:00:00	8.93	8.237143	7.59	7.166667	17.34	16.63167	16.30333	16.09333
15/05/2023 13:30	04:10:00	8.994286	8.302857	7.657143	7.232857	17.66	16.94571	16.63286	16.44571
15/05/2023 13:40	04:20:00	9.053846	8.37	7.713333	7.265	17.94333	17.26333	16.94	16.73667
15/05/2023 13:50	04:30:00	9.114286	8.425714	7.77	7.308571	18.20429	17.51143	17.2	17.01
15/05/2023 14:00	04:40:00	9.171429	8.482857	7.827143	7.39	18.49	17.82	17.49714	17.31
15/05/2023 14:10	04:50:00	9.22	8.525714	7.878571	7.43	18.73333	18.10333	17.76	17.57167
15/05/2023 14:20	05:00:00	9.228571	8.564286	7.92	7.484286	18.95143	18.32429	17.98143	17.80714
15/05/2023 14:30	05:10:00	9.283333	8.61	7.965	7.528333	19.17	18.56667	18.22667	18.075
15/05/2023 14:40	05:20:00	9.31	8.636667	8	7.573333	19.35286	18.755	18.41333	18.26286
15/05/2023 14:50	05:30:00	9.343333	8.665	8.04	7.58	19.54667	18.96714	18.62714	18.475
15/05/2023 15:00	05:40:00	9.384286	8.707143	8.078571	7.635	19.71	19.17	18.825	18.67
15/05/2023 15:10	05:50:00	9.4	8.744	8.102	7.663333	19.85143	19.32	18.99	18.83857
15/05/2023 15:20	06:00:00	9.436667	8.775	8.14	7.684286	20.00333	19.49286	19.15571	19.015
15/05/2023 15:30	06:10:00	9.457143	8.817143	8.187143	7.728571	20.15	19.65143	19.33429	19.18286
15/05/2023 15:40	06:20:00	9.49	8.846667	8.223333	7.77	20.27333	19.802	19.464	19.33833
15/05/2023 15:50	06:30:00	9.542	8.878	8.25	7.795	20.42	19.955	19.63	19.496
15/05/2023 16:00	06:40:00	9.574286	8.921429	8.282857	7.843333	20.53	20.09667	19.76667	19.62571
15/05/2023 16:10	06:50:00	9.61	8.962	8.318	7.873333	20.66143	20.225	19.88667	19.77571
15/05/2023 16:20	07:00:00	9.661429	9.005714	8.37	7.914286	20.80857	20.37429	20.04571	19.91714
15/05/2023 16:30	07:10:00	9.716667	9.065	8.41	7.964286	20.96	20.53429	20.19714	20.08

15/05/2023 16:40	07:20:00	9.77	9.106667	8.456667	8.018	21.10333	20.68	20.33	20.21667
15/05/2023 16:50	07:30:00	9.836667	9.175	8.51	8.067143	21.22333	20.79714	20.45	20.345
15/05/2023 17:00	07:40:00	9.906	9.224	8.56	8.105	21.34	20.93	20.585	20.45667
15/05/2023 17:10	07:50:00	9.93	9.265	8.612	8.142	21.44333	21.038	20.68333	20.57167
15/05/2023 17:20	08:00:00	9.986667	9.306667	8.65	8.174286	21.54333	21.13857	20.78333	20.67
15/05/2023 17:30	08:10:00	10.02857	9.351429	8.692857	8.204286	21.64	21.24	20.87	20.77
15/05/2023 17:40	08:20:00	10.06	9.385	8.73	8.236667	21.72714	21.325	20.96286	20.85143
15/05/2023 17:50	08:30:00	10.11333	9.423333	8.78	8.278571	21.81667	21.43714	21.06667	20.96
15/05/2023 18:00	08:40:00	10.16667	9.46	8.827143	8.311429	21.9	21.54	21.16	21.05833
15/05/2023 18:10	08:50:00	10.21	9.496667	8.874	8.332	21.98692	21.632	21.25333	21.16167
15/05/2023 18:20	09:00:00	10.24286	9.544286	8.91	8.357143	22.05462	21.72	21.35333	21.25
15/05/2023 18:30	09:10:00	10.27667	9.59	8.962857	8.402857	22.14	21.82	21.45	21.34833
15/05/2023 18:40	09:20:00	10.33	9.626667	9.028	8.428	22.22	21.906	21.53	21.44167
15/05/2023 18:50	09:30:00	10.362	9.666	9.08	8.473333	22.3	21.99545	21.618	21.542
15/05/2023 19:00	09:40:00	10.40667	9.705	9.122857	8.517143	22.36	22.06714	21.69	21.62
15/05/2023 19:10	09:50:00	10.43	9.753333	9.18	8.568	22.43333	22.14	21.78	21.70167
15/05/2023 19:20	10:00:00	10.48333	9.795	9.23	8.587143	22.49333	22.22	21.85333	21.785
15/05/2023 19:30	10:10:00	10.546	9.838	9.28	8.625	22.55	22.29667	21.93	21.86
15/05/2023 19:40	10:20:00	10.56	9.883333	9.34	8.662	22.60667	22.36	21.98667	21.93
15/05/2023 19:50	10:30:00	10.61667	9.945	9.38	8.687143	22.66	22.41429	22.05333	22.005
15/05/2023 20:00	10:40:00	10.65667	9.985	9.421429	8.725714	22.71	22.47429	22.13	22.06333
15/05/2023 20:10	10:50:00	10.72	10.03333	9.482	8.78	22.76	22.534	22.19333	22.13
15/05/2023 20:20	11:00:00	10.77333	10.07667	9.54	8.824286	22.80667	22.59286	22.24667	22.2

15/05/2023 20:30	11:10:00	10.84667	10.12	9.601429	8.862857	22.86	22.64143	22.3	22.25333
15/05/2023 20:40	11:20:00	10.89	10.155	9.686	8.892	22.90333	22.694	22.34667	22.30667
15/05/2023 20:50	11:30:00	10.98	10.195	9.75	8.91	22.95	22.73571	22.39667	22.36
15/05/2023 21:00	11:40:00	11.04	10.23	9.823333	8.945	22.98	22.77857	22.44	22.405
15/05/2023 21:10	11:50:00	11.12	10.28167	9.876667	8.995	23.01333	22.812	22.48667	22.44333
15/05/2023 21:20	12:00:00	11.22667	10.335	9.92	9.061667	23.02667	22.84571	22.51333	22.47
15/05/2023 21:30	12:10:00	11.31333	10.375	9.96	9.09	23.04	22.86286	22.54	22.49667
15/05/2023 21:40	12:20:00	11.37	10.42333	9.986667	9.115	23.035	22.87	22.55333	22.51167
15/05/2023 21:50	12:30:00	11.48667	10.475	10.03	9.156667	23.02167	22.87857	22.56167	22.52
15/05/2023 22:00	12:40:00	11.58	10.52	10.07333	9.19	23.00667	22.876	22.56	22.52
15/05/2023 22:10	12:50:00	11.71	10.57333	10.11333	9.22	22.98	22.85571	22.56	22.50667
15/05/2023 22:20	13:00:00	11.82	10.60333	10.14	9.258333	22.96167	22.83571	22.52667	22.49333
15/05/2023 22:30	13:10:00	11.95333	10.62	10.16333	9.293333	22.92333	22.806	22.50833	22.47
15/05/2023 22:40	13:20:00	12.07	10.62	10.18333	9.3	22.88	22.78571	22.49	22.45667
15/05/2023 22:50	13:30:00	12.17667	10.62	10.22	9.29	22.845	22.75667	22.455	22.43667
15/05/2023 23:00	13:40:00	12.27667	10.625	10.25333	9.336667	22.815	22.73	22.42667	22.41
15/05/2023 23:10	13:50:00	12.39	10.63833	10.25	9.38	22.775	22.70333	22.405	22.37333
15/05/2023 23:20	14:00:00	12.46	10.65	10.26	9.38	22.74333	22.674	22.375	22.34545
15/05/2023 23:30	14:10:00	12.556	10.656	10.302	9.406	22.69667	22.635	22.345	22.32
15/05/2023 23:40	14:20:00	12.62	10.66833	10.34	9.445	22.68	22.62	22.32	22.32

# Long Melford - 4th Cycle

Date: 22/05/2023. Fridges switched off: 12:50

ROW LABELS	DIFF	PCS_T1_04	PCS_T2_04	PCS_T3_04	PCS_T4_04	C_T1_04	C_T2_04	C_T3_04	C_T4_04
22/05/2023 12:50	00:00:00	4.69125	4.41625	4.195	4.4975	4.14	3.7	3.8875	2.6725
22/05/2023 13:00	00:10:00	5.8375	5.15125	4.92	4.7725	6.315	5.4925	5.08125	4.99
22/05/2023 13:10	00:20:00	6.39	5.575	5.18625	4.945	7.53875	6.5425	6.0575	5.93
22/05/2023 13:20	00:30:00	6.79375	5.95	5.435	5.13625	8.5625	7.49	6.93125	6.7975
22/05/2023 13:30	00:40:00	7.235714	6.365714	5.766364	5.406667	9.878571	8.76	8.215714	7.94
22/05/2023 13:40	00:50:00	7.47	6.581429	5.951818	5.57	10.67286	9.525714	8.978571	8.65
22/05/2023 13:50	01:00:00	7.62	6.784286	6.137273	5.73	11.41714	10.26	9.67875	9.34
22/05/2023 14:00	01:10:00	7.87375	7.04125	6.3875	5.9375	12.47	11.25	10.7375	10.37
22/05/2023 14:10	01:20:00	8.02	7.2025	6.51875	6.04	13.08125	11.83625	11.345	11.0425
22/05/2023 14:20	01:30:00	8.1175	7.33625	6.645	6.13625	13.64	12.38	11.94125	11.6775
22/05/2023 14:30	01:40:00	8.3275	7.5125	6.83	6.30375	14.46	13.2625	12.8175	12.55
22/05/2023 14:40	01:50:00	8.42	7.6175	6.928571	6.402667	14.9425	13.77375	13.34286	13.06714
22/05/2023 14:50	02:00:00	8.51125	7.717143	7.02	6.488	15.39286	14.27	13.81125	13.5775
22/05/2023 15:00	02:10:00	8.66	7.85375	7.1375	6.64625	16.085	14.975	14.5475	14.32
22/05/2023 15:10	02:20:00	8.73	7.94	7.22	6.718571	16.49333	15.39375	14.98571	14.74571
22/05/2023 15:20	02:30:00	8.8075	8.011429	7.295	6.7775	16.85067	15.8	15.3775	15.17
22/05/2023 15:30	02:40:00	8.93	8.12125	7.405	6.8625	17.405	16.3975	15.96125	15.79
22/05/2023 15:40	02:50:00	8.98	8.185	7.46875	6.935	17.74125	16.76	16.3275	16.16
22/05/2023 15:50	03:00:00	9.02875	8.24375	7.53	6.97625	18.0525	17.1	16.6725	16.5125
22/05/2023 16:00	03:10:00	9.115714	8.334286	7.64	7.11125	18.48667	17.60714	17.175	17.02
22/05/2023 16:10	03:20:00	9.18	8.405	7.687143	7.151333	18.77625	17.935	17.49429	17.32714

22/05/2023 16:20	03:30:00	9.22375	8.454286	7.75	7.194	19.02714	18.22	17.77375	17.6125
22/05/2023 16:30	03:40:00	9.32	8.535	7.8225	7.285	19.43	18.64	18.19875	18.06
22/05/2023 16:40	03:50:00	9.37	8.595	7.8825	7.34	19.68125	18.8925	18.46	18.32125
22/05/2023 16:50	04:00:00	9.42875	8.6625	7.95	7.41375	19.925	19.16	18.73	18.6
22/05/2023 17:00	04:10:00	9.53375	8.7575	8.0425	7.4775	20.3	19.5725	19.1275	19.01
22/05/2023 17:10	04:20:00	9.58	8.8175	8.097143	7.514	20.51875	19.81375	19.37714	19.25
22/05/2023 17:20	04:30:00	9.62375	8.881429	8.15	7.562	20.71857	20.04	19.595	19.4775
22/05/2023 17:30	04:40:00	9.7375	8.955	8.235714	7.635714	21.04067	20.365	19.92714	19.82
22/05/2023 17:40	04:50:00	9.8	9.005714	8.26875	7.675	21.222	20.57286	20.135	20.02375
22/05/2023 17:50	05:00:00	9.82375	9.055	8.325	7.7175	21.41	20.78	20.3375	20.235
22/05/2023 18:00	05:10:00	9.89375	9.1375	8.3975	7.78625	21.675	21.0775	20.64	20.54
22/05/2023 18:10	05:20:00	9.95	9.19	8.435	7.83	21.8025	21.225	20.8075	20.695
22/05/2023 18:20	05:30:00	9.98	9.235	8.485	7.86125	21.8925	21.35	20.93125	20.8275
22/05/2023 18:30	05:40:00	10.05875	9.31125	8.55	7.9575	22.005	21.52	21.11	21.01
22/05/2023 18:40	05:50:00	10.13	9.3525	8.59875	7.98	22.08375	21.61875	21.2	21.1025
22/05/2023 18:50	06:00:00	10.17429	9.395	8.652857	8.02	22.17	21.72	21.30286	21.21857
22/05/2023 19:00	06:10:00	10.21714	9.462857	8.701429	8.092	22.31857	21.91571	21.48571	21.41
22/05/2023 19:10	06:20:00	10.28	9.501429	8.747143	8.14	22.42714	22.03571	21.6075	21.5425
22/05/2023 19:20	06:30:00	10.30375	9.545	8.78875	8.19	22.5375	22.15	21.735	21.6625
22/05/2023 19:30	06:40:00	10.37375	9.60875	8.83125	8.21	22.705	22.335	21.9225	21.87
22/05/2023 19:40	06:50:00	10.41	9.6425	8.865	8.26	22.80625	22.4475	22.04	21.995
22/05/2023 19:50	07:00:00	10.47571	9.684286	8.908571	8.272857	22.91143	22.56	22.16	22.115
22/05/2023 20:00	07:10:00	10.5275	9.73875	8.96875	8.325	23.07	22.7275	22.3325	22.29

22/05/2023 20:10	07:20:00	10.59	9.7725	9.028571	8.361429	23.16714	22.82875	22.44571	22.40286
22/05/2023 20:20	07:30:00	10.61286	9.83	9.064286	8.401429	23.25857	22.93	22.54857	22.51143
22/05/2023 20:30	07:40:00	10.6475	9.8825	9.14125	8.4675	23.39	23.07625	22.7	22.67
22/05/2023 20:40	07:50:00	10.7	9.925	9.18	8.507143	23.47375	23.17	22.79571	22.77143
22/05/2023 20:50	08:00:00	10.7525	9.95	9.22	8.547143	23.55	23.25	22.88625	22.86
22/05/2023 21:00	08:10:00	10.77	9.99875	9.2975	8.60875	23.67	23.38714	23.01875	23.01
22/05/2023 21:10	08:20:00	10.84	10.025	9.33875	8.66	23.7375	23.4625	23.095	23.07875
22/05/2023 21:20	08:30:00	10.87	10.05625	9.41	8.68	23.7975	23.52	23.1625	23.155
22/05/2023 21:30	08:40:00	10.91375	10.09875	9.4825	8.70125	23.87	23.6175	23.26625	23.25
22/05/2023 21:40	08:50:00	10.95	10.125	9.53875	8.735	23.90875	23.665	23.32	23.305
22/05/2023 21:50	09:00:00	10.95625	10.15625	9.59	8.7875	23.95	23.71	23.365	23.3525
22/05/2023 22:00	09:10:00	11.035	10.2025	9.66	8.8325	23.98	23.7625	23.43375	23.43
22/05/2023 22:10	09:20:00	11.11	10.2475	9.6975	8.885	24.0025	23.805	23.4675	23.4725
22/05/2023 22:20	09:30:00	11.13375	10.2775	9.725	8.9	24.025	23.83	23.4975	23.4975
22/05/2023 22:30	09:40:00	11.23	10.345	9.7875	8.9675	24.035	23.8675	23.53375	23.54
22/05/2023 22:40	09:50:00	11.26	10.375	9.82875	8.99	24.04625	23.8875	23.565	23.5625
22/05/2023 22:50	10:00:00	11.34875	10.415	9.885	9.01875	24.05	23.9	23.58375	23.5825
22/05/2023 23:00	10:10:00	11.45375	10.465	9.965	9.085	24.05	23.9175	23.60125	23.61
22/05/2023 23:10	10:20:00	11.53	10.51	9.98375	9.115	24.05375	23.92875	23.6125	23.61125
22/05/2023 23:20	10:30:00	11.64125	10.555	10.02	9.13875	24.04	23.93	23.62	23.6225
22/05/2023 23:30	10:40:00	11.79875	10.635	10.0875	9.1775	24.035	23.93	23.62125	23.63
22/05/2023 23:40	10:50:00	11.91	10.665	10.125	9.205	24.03	23.93	23.63	23.63



## Long Melford - 5th Cycle

Date: 25/05/2023. Fridges switched off: 09:30

ROW LABELS	DIFF	PCS_T1_0	PCS_T2_05	PCS_T3_05	PCS_T4_05	C_T1_05	C_T2_05	C_T3_05	C_T4_05
25/05/2023 09:30	00:00:00	4.58	3.9975	3.55875	3.56	4.445	3.91	3.3175	2.79
25/05/2023 09:40	00:10:00	5.16625	4.415	4.215	3.995	5.63625	4.87	4.39	4.23125
25/05/2023 09:50	00:20:00	5.68	4.845	4.64	4.39	6.73	5.83	5.32125	5.1175
25/05/2023 10:00	00:30:00	6.167143	5.284286	4.97125	4.692857	7.842857	6.944286	6.354	6.18
25/05/2023 10:10	00:40:00	6.45125	5.59	5.16	4.9125	8.6075	7.67	7.09125	6.89125
25/05/2023 10:20	00:50:00	6.6925	5.8675	5.365	5.1	9.3475	8.365	7.8225	7.61125
25/05/2023 10:30	01:00:00	6.9625	6.1525	5.5975	5.3075	10.2	9.23375	8.71	8.48
25/05/2023 10:40	01:10:00	7.1225	6.31	5.7525	5.4425	10.74375	9.79	9.28	9.00125
25/05/2023 10:50	01:20:00	7.27375	6.485	5.905	5.58	11.31375	10.3725	9.87375	9.6025
25/05/2023 11:00	01:30:00	7.445	6.6675	6.07375	5.7325	11.995	11.0775	10.5975	10.29
25/05/2023 11:10	01:40:00	7.54875	6.785	6.195	5.8525	12.44375	11.54	11.07375	10.81875
25/05/2023 11:20	01:50:00	7.6875	6.915	6.32	5.96	12.91375	12.0425	11.5675	11.32875
25/05/2023 11:30	02:00:00	7.8	7.06	6.45875	6.08	13.49	12.64375	12.17	11.99
25/05/2023 11:40	02:10:00	7.9075	7.155	6.5425	6.17	13.8725	13.03	12.5675	12.415
25/05/2023 11:50	02:20:00	7.9825	7.245	6.645	6.26	14.2625	13.43	12.98625	12.85375
25/05/2023 12:00	02:30:00	8.115	7.35625	6.74	6.3475	14.73	13.92375	13.49	13.37
25/05/2023 12:10	02:40:00	8.17375	7.435	6.8275	6.4375	15.03875	14.26	13.80875	13.7075
25/05/2023 12:20	02:50:00	8.25375	7.53	6.91	6.49	15.385	14.6225	14.1775	14.07875
25/05/2023 12:30	03:00:00	8.3875	7.65	7.02875	6.605	15.845	15.1025	14.655	14.55
25/05/2023 12:40	03:10:00	8.448	7.725714	7.098571	6.677143	16.15	15.39375	14.96	14.84
25/05/2023 12:50	03:20:00	8.5325	7.8125	7.18	6.74	16.515	15.78	15.34125	15.21875

25/05/2023 13:00	03:30:00	8.635	7.925714	7.2675	6.84125	16.94556	16.22625	15.8075	15.67
25/05/2023 13:10	03:40:00	8.7075	7.991111	7.32875	6.885	17.19714	16.4875	16.0775	15.94
25/05/2023 13:20	03:50:00	8.792857	8.072857	7.412857	6.97	17.5675	16.82714	16.46571	16.32571
25/05/2023 13:30	04:00:00	8.87625	8.15	7.505	7.0425	17.94	17.2375	16.8625	16.73
25/05/2023 13:40	04:10:00	8.92375	8.195	7.545	7.0875	18.17625	17.48	17.1075	16.98
25/05/2023 13:50	04:20:00	9.005714	8.26375	7.606667	7.16	18.485	17.81286	17.43	17.31857
25/05/2023 14:00	04:30:00	9.055	8.341333	7.686667	7.21	18.84143	18.175	17.795	17.68
25/05/2023 14:10	04:40:00	9.094286	8.378667	7.7275	7.244286	19.02125	18.36571	17.985	17.88
25/05/2023 14:20	04:50:00	9.15	8.42625	7.7875	7.32	19.2675	18.64125	18.25	18.1575
25/05/2023 14:30	05:00:00	9.2275	8.492222	7.845	7.375	19.53	18.925	18.53875	18.43
25/05/2023 14:40	05:10:00	9.25625	8.5335	7.876667	7.39625	19.688	19.0825	18.69333	18.59
25/05/2023 14:50	05:20:00	9.286667	8.574	7.935	7.44	19.8635	19.285	18.91667	18.82
25/05/2023 15:00	05:30:00	9.351429	8.618571	7.964286	7.481429	20.05143	19.51	19.11933	19.03
25/05/2023 15:10	05:40:00	9.3775	8.655	8	7.53375	20.19	19.6475	19.26625	19.17
25/05/2023 15:20	05:50:00	9.41	8.7025	8.055	7.56	20.35625	19.835	19.445	19.35875
25/05/2023 15:30	06:00:00	9.46625	8.755	8.0975	7.61125	20.525	20.015	19.6525	19.56
25/05/2023 15:40	06:10:00	9.4875	8.7875	8.1275	7.655	20.61	20.115	19.7525	19.66
25/05/2023 15:50	06:20:00	9.5525	8.83	8.1625	7.69	20.72	20.2625	19.89	19.7975
25/05/2023 16:00	06:30:00	9.61625	8.905	8.23	7.7225	20.875	20.4175	20.0425	19.96
25/05/2023 16:10	06:40:00	9.66375	8.951429	8.27	7.78	20.97444	20.515	20.14375	20.07
25/05/2023 16:20	06:50:00	9.745	9.02375	8.33125	7.8	21.105	20.6725	20.295	20.22125
25/05/2023 16:30	07:00:00	9.84	9.108571	8.421429	7.898	21.28	20.84	20.45429	20.38
25/05/2023 16:40	07:10:00	9.884286	9.158	8.466667	7.9425	21.394	20.95	20.55667	20.48

25/05/2023 16:50	07:20:00	9.936667	9.212	8.525	8	21.538	21.09833	20.71333	20.645
25/05/2023 17:00	07:30:00	9.99625	9.277143	8.5725	8.01875	21.69889	21.265	20.88429	20.82
25/05/2023 17:10	07:40:00	10.05143	9.321429	8.61625	8.041429	21.78857	21.36857	20.98429	20.93
25/05/2023 17:20	07:50:00	10.112	9.384286	8.684	8.12	21.93083	21.51857	21.142	21.06077
25/05/2023 17:30	08:00:00	10.20375	9.445	8.72625	8.1325	22.075	21.6575	21.265	21.2
25/05/2023 17:40	08:10:00	10.2275	9.485	8.775	8.17125	22.165	21.7625	21.365	21.29
25/05/2023 17:50	08:20:00	10.32125	9.55375	8.835	8.2175	22.3	21.91	21.5075	21.445
25/05/2023 18:00	08:30:00	10.38375	9.61125	8.905	8.295	22.43	22.0375	21.6425	21.58
25/05/2023 18:10	08:40:00	10.41625	9.645	8.94625	8.3475	22.51	22.1275	21.735	21.67
25/05/2023 18:20	08:50:00	10.495	9.715	9.04	8.4	22.63	22.27667	21.89	21.83333
25/05/2023 18:30	09:00:00	10.5825	9.775	9.0975	8.48125	22.73	22.39	21.99	21.95
25/05/2023 18:40	09:10:00	10.6075	9.815	9.155	8.5125	22.805	22.47	22.0725	22.02
25/05/2023 18:50	09:20:00	10.66714	9.86625	9.20875	8.582857	22.9	22.58286	22.2	22.15
25/05/2023 19:00	09:30:00	10.72429	9.926667	9.273846	8.626667	23.01	22.69833	22.30167	22.27
25/05/2023 19:10	09:40:00	10.76429	9.975	9.328571	8.65875	23.07	22.7625	22.38	22.34
25/05/2023 19:20	09:50:00	10.815	10.025	9.397143	8.7025	23.16	22.8575	22.48	22.44
25/05/2023 19:30	10:00:00	10.88375	10.07125	9.4775	8.745	23.24	22.955	22.585	22.56
25/05/2023 19:40	10:10:00	10.93375	10.105	9.535	8.77875	23.295	23.0225	22.645	22.62
25/05/2023 19:50	10:20:00	10.9875	10.1475	9.62	8.835	23.37	23.105	22.735	22.715
25/05/2023 20:00	10:30:00	11.07	10.205	9.705	8.8825	23.445	23.195	22.8175	22.8
25/05/2023 20:10	10:40:00	11.0975	10.245	9.74875	8.90875	23.49	23.24	22.8825	22.86
25/05/2023 20:20	10:50:00	11.2025	10.29625	9.8475	8.96375	23.56	23.3125	22.9575	22.945
25/05/2023 20:30	11:00:00	11.31875	10.37125	9.9175	9.015	23.625	23.3875	23.0325	23.03

25/05/2023 20:40	11:10:00	11.39125	10.405	9.975	9.055	23.67	23.4375	23.08	23.08
25/05/2023 20:50	11:20:00	11.485	10.4675	10.035	9.08	23.725	23.495	23.135	23.13875
25/05/2023 21:00	11:30:00	11.6525	10.54875	10.10375	9.16125	23.775	23.56	23.2175	23.21
25/05/2023 21:10	11:40:00	11.7225	10.6025	10.13375	9.205	23.8	23.5925	23.25	23.24
25/05/2023 21:20	11:50:00	11.89714	10.68375	10.20231	9.245	23.83	23.63857	23.295	23.28714
25/05/2023 21:30	12:00:00	12.01143	10.75125	10.275	9.295	23.855	23.67429	23.3325	23.32
25/05/2023 21:40	12:10:00	12.13375	10.77375	10.2975	9.335	23.86	23.6875	23.3525	23.35
25/05/2023 21:50	12:20:00	12.3125	10.78875	10.335	9.37625	23.87	23.7025	23.37625	23.375
25/05/2023 22:00	12:30:00	12.51375	10.8	10.37	9.42625	23.86625	23.7175	23.39125	23.39
25/05/2023 22:10	12:40:00	12.6175	10.80375	10.37	9.455	23.85125	23.71875	23.4	23.39
25/05/2023 22:20	12:50:00	12.76375	10.8	10.385	9.48375	23.8425	23.71	23.40625	23.4
25/05/2023 22:30	13:00:00	12.89875	10.8	10.41	9.54125	23.82625	23.70375	23.39	23.39125
25/05/2023 22:40	13:10:00	12.98	10.80375	10.445	9.56	23.8025	23.68857	23.37429	23.37571
25/05/2023 22:50	13:20:00	13.10429	10.81875	10.49	9.602857	23.77429	23.66857	23.36	23.34429
25/05/2023 23:00	13:30:00	13.20143	10.8515	10.54143	9.61	23.755	23.64857	23.34	23.33143
25/05/2023 23:10	13:40:00	13.27	10.876	10.575	9.638571	23.725	23.6275	23.325	23.3125
25/05/2023 23:20	13:50:00	13.3725	10.93	10.6125	9.71625	23.6925	23.5975	23.3	23.3
25/05/2023 23:30	14:00:00	13.47125	10.96	10.66625	9.7725	23.66714	23.57857	23.29	23.27429
25/05/2023 23:40	14:10:00	13.53143	10.98714	10.68813	9.825714	23.65	23.57	23.27	23.27