

Resource Efficiency and Climate Change

6a) Describe the basic measures for improving how energy efficient your activities are

The following measures are implemented to improve the energy efficiency of Bakkavor Pizza Holbeach's activities:

Energy Efficiency Objectives & Targets

Bakkavor Pizza Holbeach have a SHE Improvement Strategy 2020 which includes environmental risk profiles, pillar accountabilities, a summary of environmental objectives for 2020 and the associated management programme for each objective. The management programme sets out the responsible individual(s) for ensuring the objective is achieved, how the objective will be achieved (what actions will be taken), target dates for completion and a tracker to evaluate progress. The 2020 objectives include increasing energy efficiency on site by applying for and obtaining Carbon Desktop, but unfortunately the business decided not to progress with Carbon Desktop in 2020 so this has been moved out for consideration in 2021.

Carbon Desktop is an energy software that assists monitoring efforts to reduce energy consumption and associated costs across a business. The tool can also be utilised to monitor water, carbon and waste. By investing in this software, Bakkavor Pizza Holbeach will be able to:

- Make informed and intelligent investments to achieve environmental objectives;
- Conduct high quality energy audits leading to the identification of viable projects with an appropriate payback period; and
- Conduct remote trend analysis which will allow the business to quickly identify any deterioration in performance and deploy engineering and site services teams in an effective manner.

Bakkavor Pizza Holbeach also improve the energy efficiency of its activities through:

- Air leak surveys;
- Thermographic monitoring of hot and cold systems;
- Purchasing equipment in line with the Bakkavor Group purchasing policy which requires that the energy efficiency of new equipment be audited before purchase;
- Use of variable speed drives;
- Phased approach to using LED across the entire site;
- Switching off plant and equipment during shutdowns or when not in use;
- Assessment of energy recovery from waste sources and implementation where projects are viable; and
- Measuring energy consumption per tonne of finished product and introducing annual reduction plans.

Monitoring & Measuring

Bakkavor Pizza Holbeach monitor and measure energy consumption monthly and produce figures in per tonne of finished product. This is reviewed by the Senior Management Team and utilised to inform annual environmental objectives and targets. This information is recorded in the SHE Dash Board 2020.

The site are also audited annually by Bakkavor Group SHE Team. The environmental audit includes energy efficiency audit criteria and requires that energy consumption be measured in per tonne of

finished product. From the data collected, the site must introduce energy reduction plans. Actions must be completed and reductions must be achieved and where these reductions are not achieved, through data analysis and evaluation is provided.

Energy Efficient Equipment

When purchasing new equipment, the site must adhere to the Bakkavor Group purchasing policy as well as the change control process. The site must inspect and audit all new equipment against the change control criteria which includes specific criteria for energy efficiency. The document must be reviewed by the Senior Management Team and have the associated sign-off prior to purchase and installation.

Maintenance & Servicing

All plant and equipment are serviced according to the site's Planned Preventative Maintenance (PPM) programme. This is carried out by the Engineering Department where appropriate and external contractors are utilised where site expertise is not sufficient.

Insulation

The site conducts air leak surveys and thermographic monitoring of hot and cold systems. It is also the responsibility of the site to maintain a good level of insulation on high and low temperature areas, pipes or equipment and ensure the insulation is maintained. This is audited annually by the Bakkavor Group SHE Team during the annual environmental audits.

Lighting

Any new lighting installed will be LED (energy efficient) and where it needs replacing it will be replaced with LED.

Switch off

All equipment and lighting will be switched off when not in use. Any heating/cooling equipment is fitted with timers/sensors where possible.

6b Provide a breakdown of any changes to the energy your activities use and create

Not applicable

6c) Have you entered into, or will you enter into, a climate change levy agreement?

Yes, the Agreement Target Unit Reference is FDF1/T00278. Please see section 6a) (above) for details of measures to be implemented to improve energy efficiency. Refer to BFLB3(6c) - FDF1T00278-1 and BFLB3(6c) - FDF1T00278-2 for evidence of the agreement.

6d Tell us about, and justify your reasons for, the raw and other materials, other substances and water you will use

Electricity

Electricity and gas are required to power the plant and ovens on site plant.

Electricity are also required for lighting and the office facilities also located on site.

Energy efficiency measures will be implemented to reduce electricity use wherever possible as detailed above (6a, 6c)

Water

Water is required for the cleaning of the plant, washing of product and waste water treatment plant.

Water usage is monitored and measured and annual objectives and targets set relating to water usage and efficiency.

The site will be applying for and hoping to obtain Carbon Desktop in 2021 which will eventually monitor water usage on site and inform objectives and targets. The software will first be utilised to target energy efficiency on site.

6e Describe how you avoid producing waste in line with Council Directive 2008/98/EC on waste

Bakkavor Pizza Holbeach adopt and apply the Waste Hierarchy accordance with the Waste (England and Wales) Regulations 2011. The site aim to prevent waste where possible as the production of waste often equates to loss of revenue for the site. Subsequently, the site monitor its largest waste streams (food, general, recycled cardboard and recycled plastic) monthly and record the figures in per tonne of finished product. These figures are recorded in the SHE Dash Board 2020 and inform environmental objectives and targets. The waste environmental objective for 2020 is to reduce waste by setting PIP's for individual departments.

Where waste is produced as a result of activities, disposal is the least favoured option and, as per Bakkavor Group requirements, the site must be zero to landfill.

Non-hazardous liquid effluent is treated on site. The treated effluent will be disposed of via discharge to surface water (Holbeach River) in accordance with a trade effluent discharge consent. Refer to BFLB3(2) - TED PRNNF09377A Transfer and BFLB3(2) - TED PRNNF09377A for evidence of the discharge consent.