

Doc 017 - Improving Energy Efficiency

| | |
|----------------------------------|--------------------------------------|
| Farm Name: Crockway Farms | Applicant: Crockway Farms Ltd |
|----------------------------------|--------------------------------------|

Date: 10/01/2024

Prepared by: The Farm Consultancy Group, using information provided by Jim Wright)

In line with the recommendations in the EPR for Intensive Farming How to Comply chapter 1 section 1.3 Energy Efficiency the business will carry out a review of the energy efficiency of the site within the first two years of the permit being granted referring to guidance in the Horizontal Guidance Note H2.

The information for this review will be recorded using the template provided in section 1.3 of the relevant EPR as follows:

Table 1.3.2 Example format for energy efficiency plan*

| All applicants | | Only applicants without CCA | | |
|---------------------------|----------------------|---------------------------------|-----------------------|-------------------------|
| Energy efficiency measure | CO2 savings (tonnes) | Equivalent Annual Cost (EAC) £k | EAC/CO2 saved £/tonne | Date for implementation |
| | | | | |
| | | | | |
| | | | | |

The use of energy will be monitored and areas that savings can be made identified.

Alternative energy supply options will be considered but it is anticipated that given the low level of energy usage on the farm these will not be cost effective.

Rainwater harvesting for wash water will be looked to assess its viability.

An on farm incinerator will be installed this will increase diesel usage on farm however a Defra approved incinerator will be used and operated in an efficient manner.

The installation of a biomass boiler has been identified as a way to reduce electricity usage and utilise a renewable energy source.