

Kehoe's Ketrupack Solar PV & Lighting Upgrade

Kehoe's Ketrupack is the agri-business side to Kehoe's Potato farm in Co. Wexford.

Project Overview

Company name:	Kehoe's Ketrupack
Project actions:	Installation of a 40.43kWp solar PV system and Lighting Upgrades
Finance source:	Internal
Additional funding:	SEAI BEC 2019 programme
% funding:	30 %
Grant amount:	€ 24,255.00
Total project cost:	€ 80,850.00
25-year savings:	€ 283,503.75
Simple payback time:	5 years

About the Client

Kehoe's Ketrupack are an agri-business involved in packing and selling animal feed to agriculture sectors and are based in Lacken New Ross, Co. Wexford.

The packing and storage of animal feed products was very energy demanding, with the Ketrupack side of the business using 182,913.96KWh of electricity annually. Kehoe's approached 3cea to attempt to reduce their energy needs, and carbon output.

The team at 3 Counties Energy Agency coordinated the entire Better Energy Communities (BEC) application from the initial energy audit, procurement to warranty checks and all required paperwork.

The Challenge

Kehoe's Ketripack were spending upwards of €2,443 a month on electricity alone. This was from processing, storage, and packaging of their animal feed products. Kehoe's Ketripack hoped to lower this through the use of greener energy and more efficient lighting.

The Approach

To meet the challenge, 3cea installed 40.43 KWp Solar PV modules orientated southwest with c. 10 degrees inclination and no over shading. They also upgraded the lighting at the facility, installing in total, 103 energy efficient light fittings.

Results



28.688
tonnes
CO₂

Reduced carbon footprint by 28.688 tonnes by investing in 40.43KWp Solar PV system and lighting upgrades.



€11,340.15
Annual savings

The installation of PV panels has led to a reduction in grid imported electricity on the site.



86,566 kWh
Energy savings

Investment payback time is just under 5 years.

Get in contact

We expect more family farms and other farm enterprises will follow in the footsteps of Kehoe's Ketripack business and invest in 40.43kWp Solar PV Panel systems to supplement their on-site energy usage under the SEAI Better Energy Communities Program. Send us a brief overview of the project to: BEC@3cea.ie or call **056 779 0856**.



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