

PV Panel Installation

Butlers Chocolates



Butlers Chocolates are one of the best Irish Companies in terms of sustainability. They have previously installed LED lighting, 420kWp of solar and they are a zero-waste company. However, after successfully installing 100kWp of PV panels, the benefits and cost savings were clear. The 3 Counties Energy Agency (3CEA) through the Sustainable Energy Authority of Ireland's Better Energy Communities programme is helping by administering state-wide funding for energy efficiency and renewable energy projects.

Summary

Company name:	Butlers Chocolates
Project actions:	Installation of 100kWp PV panels on the roof of the factory.
Finance source:	Internal
Additional funding:	SEAI BEC 2018 programme
% funding:	30%
Grant amount:	€ 28,800
Total project cost:	€ 96,000
25-year savings:	€ 189,425
Simple payback time:	8.9 years



	Annual Energy (kWh)	Annual Value (€)	Annual CO ₂ (tonnes)
Imports Before project	128,800 kWh	€ 13,008.80	52.7 tonnes
Imports After project	53,780 kWh	€ 5,431.78	22.0 tonnes
Savings	75,020 kWh	€ 7,577.02	30.7 tonnes

Benefits

Thanks to the PV panels installation, Butlers Chocolates saved money and reduced its carbon footprint through the BEC 2018 Programme.

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

3CEA are working hard to develop another award-winning project involving SMEs, local community groups, local authorities and homeowners. For more information on Better Energy Communities Grant Scheme please contact 3CEA office.