

Heating and Insulating Upgrade

Dixon International Transport

Dixon International Transport is one of Ireland's premier transport and logistics companies. Dixon has large warehousing facilities for ambient temperature and temperature-controlled storage. The site has a large electricity demand, which would increase with the construction of a new extension. However, after successfully installing 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:	Dixon International Transport
Project actions:	Installation of 80kWp PV panels on the roof of the warehouse.
Finance source:	Internal
Additional funding:	SEAI BEC 2018 programme
% funding:	30%
Grant amount:	€ 23,100
Total project cost:	€ 77,000
25-year savings:	€ 176,150
Simple payback time:	7.7 years



	Annual Energy (kWh)	Annual Value (€)	Annual CO ₂ (tonnes)
Imports Before project	245,000 kWh	€ 26,460.00	100.2 tonnes
Imports After project	180,000 kWh	€ 19,414.00	86.9 tonnes
Savings	65,000 kWh	€ 7,046.00	13.3 tonnes

Benefits

Thanks to the PV panels installation, Dixon International Transport saved money and reduced its carbon footprint through the BEC 2018 Programme.

The installation of PV panels on the roof of the warehouse 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 BEC please contact 3CEA office.