

PV panels Installation

Wexford County Hall

Wexford County Hall was built in 2012. The building had a large electricity demand. However, after successfully installing solar 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:	Wexford County Council
Project actions:	Installation of PV panels with a capacity of 10.6kWp on the roof of the building.
Finance source:	Internal
Additional funding:	SEAI BEC 2017 programme
% funding:	30%
Grant amount:	€ 6,364
Total project cost:	€ 21,213
25-year savings:	€ 21,092
Simple payback time:	17.6 years



	Annual Energy (kWh)	Annual Value (€)	Annual CO ₂ (tonnes)
Imports Before project	891,780 kWh	€ 80,260.20	417 tonnes
Imports After project	882,406 kWh	€ 79,416.54	413 tonnes
Savings	9,374 kWh	€ 843.66	4.4 tonnes

Benefits

Thanks to the installation of PV panels, Wexford County Council saved money and reduced its carbon footprint through the BEC 2017 Programme.

The installation of PV panels on the roof of the building 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.