

# 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

<b>Company name:</b>	<b>Wexford County Council</b>
<b>Project actions:</b>	Installation of PV panels with a capacity of 10.6kWp on the roof of the building.
<b>Finance source:</b>	Internal
<b>Additional funding:</b>	SEAI BEC 2017 programme
<b>% funding:</b>	30%
<b>Grant amount:</b>	€ 6,364
<b>Total project cost:</b>	€ 21,213
<b>25-year savings:</b>	€ 21,092
<b>Simple payback time:</b>	17.6 years



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

## 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.