

Solar Energy Solutions for Irish Farmers

IFA and Bord Gáis Energy, building on their long-standing relationship, have joined forces to offer roof top solar solutions to Irish farmers.

Through listening to farmer's needs, it has been established that solar is one of the most reliable ways to help cut energy costs and reduce carbon emissions. IFA and Bord Gáis Energy undertook a pilot to establish the commercial feasibility of the installation of roof top solar technology on Irish farms. The results demonstrate the support that IFA and Bord Gáis Energy can provide to help maximise the benefits of rooftop solar for farmers. It also helped identify the barriers to entry and, by working together, how to overcome them.

IFA and Bord Gáis Energy have the technical capacity and farm understanding to provide a reliable customer experience with ongoing support. Each farm is unique and we will provide a comprehensive solution for farmers including a detailed assessment of the viability, design and installation of a rooftop solar system. We will also provide guidance on available supports, expected system performance, payback periods and ongoing support in the form of data analysis to help farmers on this journey.

IFA has been instrumental in securing:

- 60% Tams grant
- The inclusion of the home dwelling in funding
- The removal of planning restrictions
- Facilitating a pilot connection programme to the grid

Why install a roof top solar solution?

Ireland's climate is well-suited to solar energy generation. Solar rooftop systems can be used effectively to power energy-intensive processes on farms, significantly reducing energy costs through self-consumption of the electricity generated. Self-consumption is the most cost effective way to use solar generated electricity.

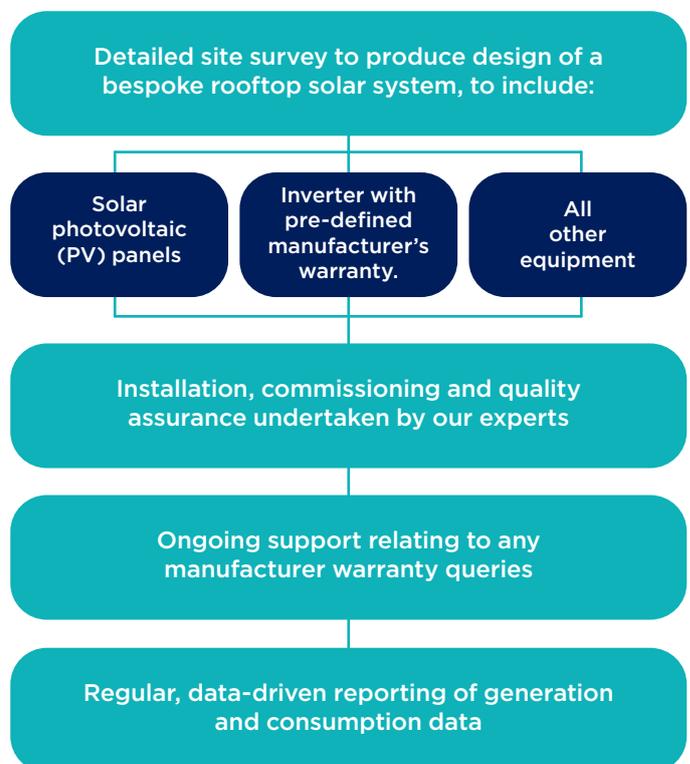
Our experts will assess your property and generate a bespoke solar PV design, quantifying the generation potential and the associated payback period for you, based on property specific variables. Variables will include location, farm type, and energy consumption volume and profile.

Your bespoke solution will be designed to ensure:

- **Reduction** in energy costs
- **Affordability** to ensure design maximises generation
- **Effective** consumption of excess electricity generated for example in hot water heating, or in a farm's domestic dwelling. Although not currently the most cost effective, excess electricity can also be sold to the grid.
- **Clean** energy generation

What does the solution include?

All installations will include:



To find out more, visit ifa.ie/solar or call 0818 989 498



Solar installation in Co. Carlow

What will the Process look like?



Suitability

Once IFA receives all the required information, the suitability of your farm will be assessed.



Survey and design

A Survey undertaken by our experts to a) confirm property suitability or if any additional works are required and b) to generate a bespoke design and quote, including a calculation of an estimated payback period



Installation and commissioning

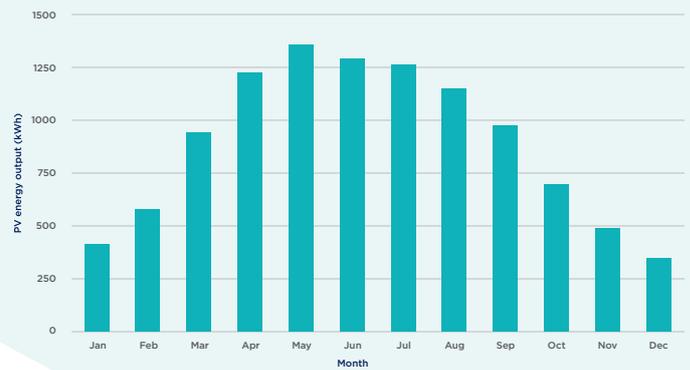
Installation and system commissioning will be provided by our experts. All installations will be quality assured by our dedicated team.



Ongoing support

- Trusted resource
- Smart reporting of consumption data
- Post installation follow-up
- Dedicated quality assurance team

Monthly energy output from fix-angle PV system



“the support and insights from IFA and Bord Gáis Energy are invaluable”

JOHN MURPHY, Dairy farmer, Co. Cork.



“I would definitely recommend rooftop solar to other farmers”

ROBERT MCBRIDE, Poultry farmer, Co. Monaghan.



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