



Brighter Energy Solutions

WHY CHOOSE PV FROM SOLAR ELECTRIC IRELAND?



Reduce your electricity bill and safeguard against rising energy costs. Reduce your carbon footprint, meet energy-use reduction targets.

EXPERIENCE

We have installed more than 2 megawatts of Solar PV in the Republic of Ireland, that's 8000 panels, on projects including nine buildings for Tipperary Council and the giant 250kWp installation for O'Shea Farms.

PRODUCTS

We have carefully selected products from well-known German and Asian manufacturers that suit Irish conditions and comply with ESB Networks regulations. The products are combined using software that takes into account your location and building type in order to create an ideal solution for your premises.

SERVICE

We hold stock of solar modules, mounting systems and inverters. We can offer service packages for customers who would like us to maintain their system.

VALUE FOR MONEY

We import directly from Germany in bulk to our cost-effective facility in Wexford. By selecting the best

products and combining them in the most effective way we build systems that give you the maximum yield for your Euro.

FINANCE

Most of our clients self-finance their projects. Once we explain the low-risk nature of the investment, managers and business owners often choose to put in their own money.

Solar PV is a well understood asset in many countries and finance is now available in Ireland from the banks and others.

For those businesses who prefer not to have the Solar PV on their balance-sheet, there are other financial solutions.

FUTURE PROOFING

If electricity is an important line-item in your finances then purchasing a Solar PV system will give you pricing certainty for a part of that expense for twenty-five years or more.

CASE STUDIES FROM SOLAR ELECTRIC IRELAND

CLIENT: Tipperary County Council
SPECIFIER: Tipperary Energy Agency
PROJECT SIZE: 190kWp Across 9 Buildings
CONSTRUCTION: September 2014

In early 2014 Tipperary Energy Agency launched a restricted procurement procedure for Solar PV on up to 12 public buildings in Tipperary. The criteria was to design, install and maintain up to 199kWp of Solar PV and associated works on up to 12 buildings to eliminate base-load energy use.



The order was placed in August 2014 and the project completed before the deadline of October 1st. Nenagh Leisure Centre at 45kWp, was the first major east-west install in Ireland. It is now producing the best return on investment of all the projects.

Clonmel County Hall 35kWp and Nenagh Civic Offices 45kWp were both completed without disruption to any staff working within the buildings.

CLIENT: O'Shea Farms
SPECIFIER: Carlow/Kilkenny Energy Agency
PROJECT SIZE: 250kWp East-West Configuration
CONSTRUCTION: September 2015

In 2015 Carlow/Kilkenny Energy Agency put out a tender for Solar PV on the O'Shea Farms site in South Kilkenny. The PV system was designed to match the base-load of the facility and not export to the grid, and thus offset a percentage of the O'Shea's annual electricity bill for, at least, the next twenty five years.



Solar Electric Ireland won the project with a design for 250kWp or 960 modules set out on the east-west facing roofs of the cold-storage facility. The modules were mounted on an existing building and a new building constructed in the summer of 2015.

Annual output is forecast to exceed 208,000kWh. The system was built in four weeks to fit in with the building works and without disrupting the activities of the storage facility.

CLIENT: Mulhall's Supervalu, Portlaoise
SPECIFIER: Solar Electric
PROJECT SIZE: 63.6 kWp
CONSTRUCTION: October 2016

Mulhall's Supervalu is a busy supermarket in the heart of Portlaoise town. With a high day-time electricity demand 7 days a week, energy efficiency is something that store owner Ger Mulhall looks at on a regular basis.



Ger enquired with Solar Electric about using solar PV to off-set some of this electricity demand with the overall objective being to reduce running-costs and lower the store's carbon footprint. Reducing the running costs helps to reduce end prices to the customers while helping the environment at the same time.

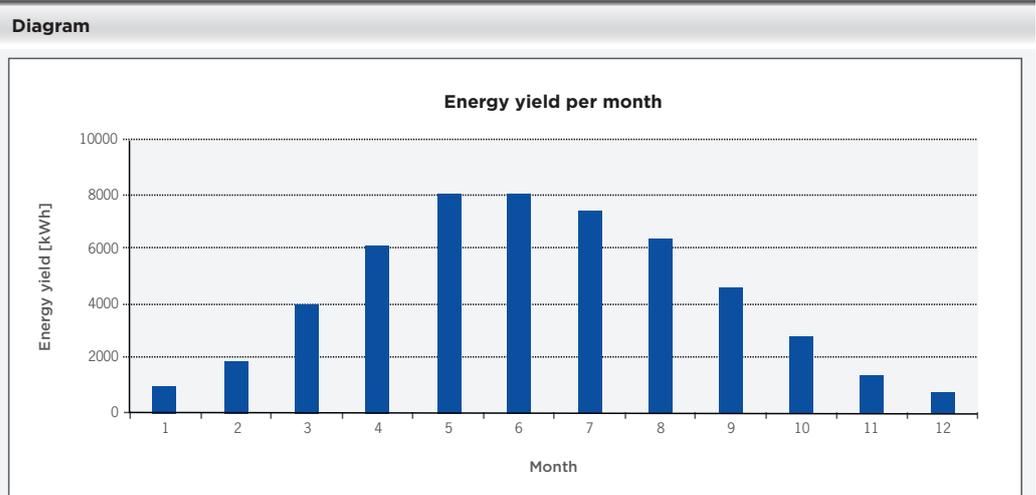
The system consists of 240 solar PV modules connected to two 25 kW inverters. The roof has an east-west orientation which means that both sides of the roof could be covered with solar PV modules. The system is estimated to produce 54,000 kWh/year and was installed within two weeks.

HOW WE DESIGN OUR SOLAR PV SYSTEMS

Solar PV generates electricity during daylight hours. We evaluate each site individually designing a system to suit the customers electricity demand profile and matching that with their roof space and specific site conditions to produce the optimal design.

Project name: **Supervalu Portlaoise**
Project number: 2015XD2268

Location: **Ireland / Laois**



WHAT OUR CLIENTS SAY

“In September 2015 we awarded tender to Solar Electric to install 250kWp of roof mounted grid connected PV panels. At the time of Installation it was the largest installation in Ireland. The project was completed on time, within budget and created minimal disruption to our day to day operations. The health and safety management was completed to the highest standard. I would highly recommend the Solar Electric team who acted with professionalism throughout the entire project.”

Tommy O’Shea - O’Shea Farms



“During 2014 Servier Ireland Industries Ltd (SII) purchased a 12kWp (80m²) photo voltaic solar panel system from Solar Electric. This turnkey project was delivered on time and within budget by Tom Foley and his team. The System was commissioned in November 2014 and it has been 100% reliable to date. During the first 12 months 13,000kWh of electricity was generated by this PV System. I have no hesitation recommending Solar Electric for the supply of PV solar panel systems. The quality of materials selected, the staff and the technical support offered throughout the project exceeded all expectations.”

Elton Fortune - Servier Ireland Industries Ltd



“We’re delighted to have been involved in the first large PV project in the state. The increase in the number of organisations that are now installing PV has demonstrated that this Tipperary County Council project has been a catalyst for change”

Paul Kenny - CEO, Tipperary Energy Agency



Killanne, Rathnure, Enniscorthy, Co. Wexford, Ireland, Y21 W523
T: + 353 (0)53 9256804 **E:** info@solarelectric.ie **W:** www.solarelectric.ie

