



INFORMATIONAL BOOKLET

Solar PV System

WHO ARE WE ?

VEEP Energy is one of the leading Smart Solar PV Installer company, who is offering Top Class products with best in class service.

Our solutions and core values not just provide more values to our customer, its also generate better savings as well.

VEEP Energy was established as a family business nearly a decade ago and now employee over 16 full time in house engineers and office staff with the ambition to increase it to over 30 by end of 2023.

OUR SERVICES

Turnkey Solutions

We offer turnkey solutions, from the start of the project to submitting documentation to the relevant authorities such as ESB is all handled by VEEP Energy, saving you time and allowing you to handle your core business.

Response Team

We have a dedicated response team that handles any and all breakdowns within 72 hours. Giving you peace of mind.

In-house Specialist

All our engineers are highly qualified and undergo continuous in-house training at our training facility in Dublin.

System monitoring

All relevant personal are set up on the SolarEdge monitoring platform so they they can monitor your energy production down to individual panel monitoring if they wish. They will also be notified via that app should they system experience any problems.

Tailored Solutions

Tailored solutions for our customers to reduce their carbon footprint and lowers overheads. This gives them a cleaner greener future and makes their business more economically viable going into the future.

5. HOW DO WE SOLVE OUR CUSTOMERS PROBLEMS?

We analyse each of our customer specific needs, then we design a system which aimed to solve or least reduce our customers problems.

Whether the goal is reducing the Electricity overheads, Generating Additional Revenue and Value for our customers or simply achieving Green Credentials, Veep Energy is the Right Partner.

WHO ARE OUR CURRENT CUSTOMERS

Companies who trust us with their business

COMMERCIAL CUSTOMERS, WHO ALREADY TRUSTED VEEP ENERGY



fineprint



CARETUA
WORKING TOGETHER WITH CARE



COMPLETED PROJECTS

- Gahan Meats (Installed 50kW PV) Finglas, Co. Dublin
- Caretua Health Care (Installed 30kW PV) Blanchardstown, Co. Dublin
- Wynns Hotel (Installed 30kW PV) Dublin City Center
- Amberkey Nursing home (Installed 60kW PV) Fermoy, Co. Cork
- Tally Ho Stud Farm (Installed 80kW PV and 30kW Battery) Mullingar, Co Westmeath
- Finbar Galvin Skoda (Installed 80kW PV) Cork
- Dehanny Motors (Installed 120kW PV) Limerick
- ATC Logistics (Installed 90kW PV and 30kW Battery) Baldonell, Co Dublin
- Avrum Seeds (Installed 80kW PV) Waterford
- Tracey's Hotel (Installed 40kW PV) Waterford
- Ilac Center (Installed 100kW PV) Dublin City Center
- Inver Petrol Station in Bagenalstown (Installed 30kW PV) Co Carlow
- Inver Petrol Station in Freshford (Installed 50kW PV) Co. Kilkenny
- Inver Petrol Station in Tipperary (Installed 55kW PV) Co Tipperary
- HB Printing (Installed 88kW PV)
- Brett's Hardware Store (Installed 78kW PV)
- Flahavans (Installed 130kW PV on behalf of EnerPower),
- MccLuskey Bakery (Installed 100kW PV on behalf of EnerPower), Dundalk
- Ardkeen Stores (on Behalf of EnerPower) Waterford
- Glynn's Service Station - Topaz(Installed 70kW PV) - Galway
- and lot more....

INDUSTRY OUTLOOK



11,628

Solar PV panels
installed to date



€ 1,668,245

Euro's saved for
our customers



4170

MWh Generated
in 2022



1,635

Tonnes of Co2 saved
in 2022 by our
customers



150%

Company growth rate
per annum

Success

WHAT MAKES OUR SOLUTION DIFFERENT

VEEP Energy utilising the SolarEdge Smart Technologies and Glass to Glass PV Panels to achieve maximum performance, outstanding safety and low operation maintenance costs.

The Glass the Glass PV Panels, are double sided, which not just make the PV Modules more durable, however it allows the light to pass through the cells its utilising the roof surface as a mirror to reflect the light and gain an additional 20% Performance compared to Traditional PV Modules.

The another benefit of the Glass to Glass PV Panels, that both the product and Warranty on each panel increased from 12/25 to 25/30 year at no cost to the customer.

The SolarEdge Smart Technologies allows VEEP Energy to turn every single PV Modules on the roof to a SMART PV Panel, which means the pv panels can work on their maximum efficiency, regardless of Shading and Panel Mismatch Effects.

Also, SolarEdge allows us to Monitor not just the Inverter production, however the Consumption of each building in Real Time, allows us and the customer to gain access of each PV Module Performance in real time.

Unbeatable Fire Safety:

All SolarEdge Power Optimiser comes with an **Integrated Arc and Fault Detection**. Should a PV Panel or array develop arc, the SolarEdge system will shut down the Solar PV system and send an automated Alarm to VEEP Energy as well to the Customer

WHAT MAKES OUR SOLUTION DIFFERENT

In Addition, SolarEdge FireFighter gateway combined with the Ind-Op technology, allows us to link each Solar PV System into an existing Fire Alarm Panel, therefore should the Fire Alarm activated or should a fault occur on the Roof, the Solar PV Panels will be de-energised on the roof at the source level.

VEEP Energy understand Health Care and Pharmaceutical plants concerns on Safety, therefore VEEP Energy integrated an automatic 3-layer fire safety protection as standard.

- In Layer 1, The PV Inverter will automatically Disconnect from the Grid in Case of Grid Failure or Fault Detection.
- In Layer 2, The dedicated DC Fireman Switched will disconnect the PV Strings from the Building automatically.
- In Layer 3, The SolarEdge PV Optimisers will de-energise the PV Modules at the source leaving all connections between the PV Panels and the building Safe for inspection and Servicing.

Peace of Mind.

- Our PV Modules comes with 25year Product Warranty and 30 years of Manufacturer Warranty
- Our SolarEdge Inverters Comes with 12 Year Labour and Parts Warranty
- Our SolarEdge Power Optimisers comes with 25 years of Labour and Parts Warranty.
- **And as a Piece of Mind, VEEP Energy providing 2 years of Operations & Maintenance Warranty and 5 year Labour warranty with this package.**
- **Also offering a low O&M Solutions from year 3 onwards upon request.**

METHODOLOGY

Veep Will complete the RAMs and all associated Method and Health and Safety Statement prior to any site work commence.

On the Day of the installation, Veep Energy Lead Project Manager and Lead Engineer, will carry out an onsite introduction with the engineers and create the necessary Exclusion Zones, Marshalling Areas and Erect the necessary signs.

The Installation of the PV Panels and Associated Electrical Equipment's will be carried out as its detailed in the Method Statement.

During installation, Veep will keep the site tidy and recycle / remove any rubbish and or materials arise from the PV Installation.

On Completion Veep will carry out the Necessary grid connection as per agreed with the client (E.g.: shut down times, etc...)

Follow up the successful testing, Veep will provide training on Operation and Maintenance of the Solar PV system and will also provide handover Pack at the same.

LEAD ENGINEER

Our Veep lead Engineer is Eric Ryan who is a fully qualified electrician.

Eric worked on large commercial projects as a key engineer such as Royal Victorian Eye & Ear Hospital, where he spent more than a year.

Gained experience with the Electrical Infrastructures, built relationship with customers and their staff and fully understand the operations of the Hospital.

Eric also gained incredible amount of industry experience with Fyfes in Ballbriggan. He also worked in Poland for Microsoft, on the Children Hospital in Crumlin and has worked with Veep since 2022 as our Lead Engineer.

Eric has led projects in Veep, such as ATC (100kW), where Veep installed a 30kW Li-ion battery Pack, Avrum (80kWP) and Traceys Hotel (40kWP) projects.

Eric completed the RECI QCC and SEAI Solar PV Courses in 2022. He has also completed the Huwaei and other Solar PV related courses.

Today, Eric manage our operations, which consists more then 12 engineers.

Eric has the intensive background and skillset to complete any Small and Mid-scale PV Project up 1MW peak power with his team.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO CONTACT US



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