

# How Solar PV solutions can reduce your energy costs

Showcasing real results from our customers

Presenter: Enda Broderick

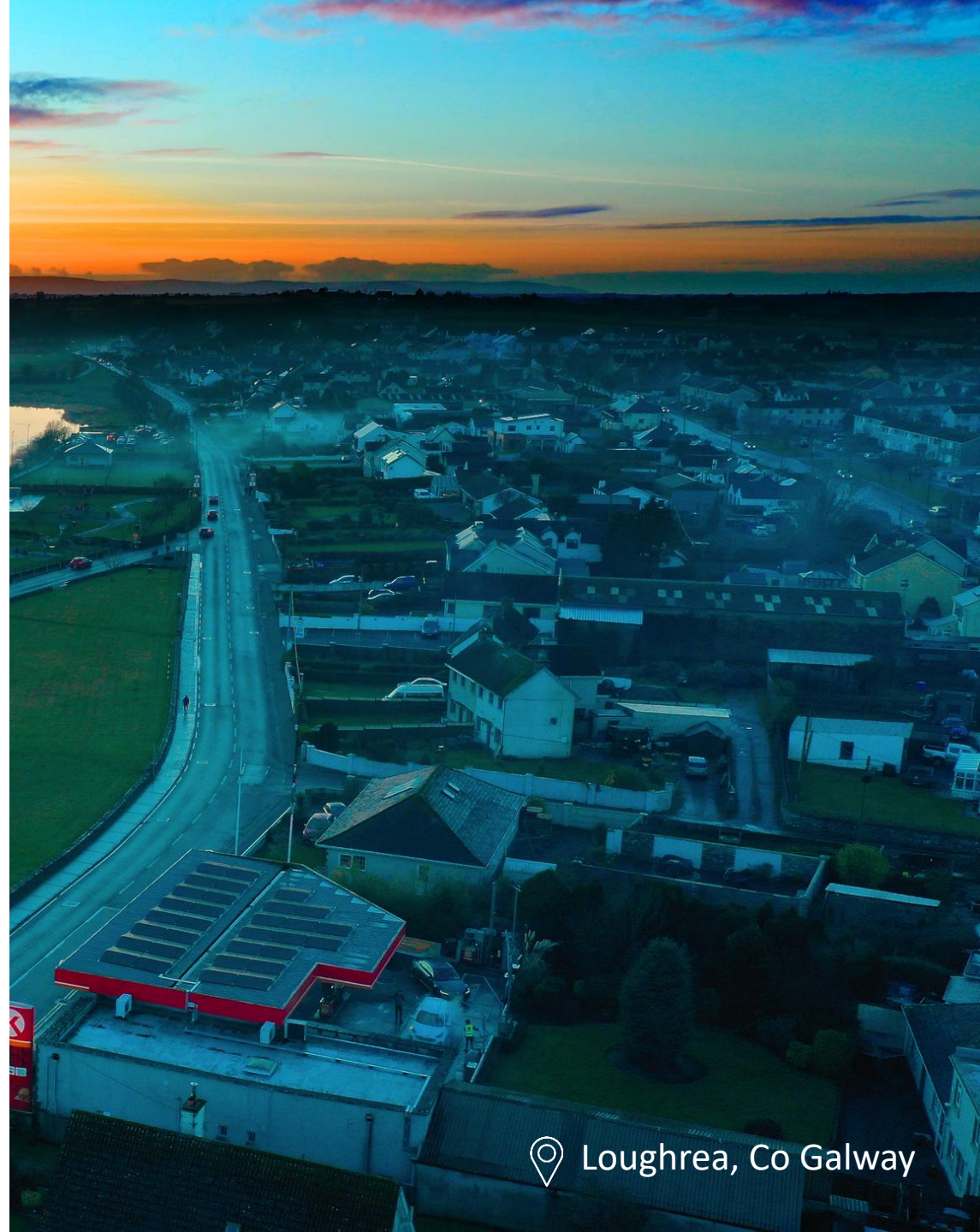
Managing Director, Solgrid Ltd



**Award-Winning Solar Experts**

**BUSINESS ALL-STARS  
Best in Class Commercial  
Solar PV Company 2024 & 2025**

Accredited by the All-Ireland Business Foundation



 Loughrea, Co Galway



# Benefits of Solar PV for Businesses



01

## Reduced Energy Costs

Solar power can significantly decrease your monthly energy bills.

02

## Energy Independence

Reduce reliance on local utility companies and avoid fluctuating energy prices

03

## Environmental Impact

Lower carbon footprint, enhancing your business's green credentials

04

## Enhanced Public Image

Demonstrating commitment to sustainability can attract environmentally conscious customers.

05

## Tax Incentives

Avail of government tax credits and rebates.





# What to Consider Before Installing Solar PV



Wildlands Adventure Centre

a

## Energy Needs

Assess your business's energy consumption to determine the scale of the system needed – Consider an Energy audit

b

## Roof Suitability

Consider the condition, age, and orientation of your building's roof. Remember it doesn't always have to be a roof.

c

## Future Plans

Consider future expansion plans that might affect energy needs or roof space, consider the installation at build stage, ref new EU guidelines.

# Incentives



## Accelerated Capital Allowance (ACA)

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### 100% Tax Allowance in Year 1

- Businesses can claim a full 100% deduction for the cost of energy-efficient equipment in the first year of purchase.
- Immediate tax savings.



# Incentives

## Non-Domestic Microgen Grant (NDMG)

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- Grant up to €162,600. Approx 20% of system cost.
- No BER required and available to all pre-2021 buildings.
- Clean Export Guarantee (CEG) tariff, for any exported electricity (subject to supplier rates).
- Simple, easy application process.

### **Power Purchase Agreement (PPA)**

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A third party installs and owns the solar system; the customer buys the electricity at a fixed, lower rate with no upfront cost.

### **Capex Investment**

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The customer purchases and owns the solar system, benefiting from all energy savings and incentives, but covers the upfront cost.

### **Better Energy Communities scheme**

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Homeowners, communities, and private sector organisation's can apply for BEC grant aided energy upgrades.

### **Energy Efficiency Loan Scheme**

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The Strategic Banking Corporation of Ireland's SBCI (EELS).

## **Funding**

A payment, or Clean Export Guarantee (CEG), is now available to all renewable generators that export their excess renewable electricity to the grid, regardless of what energy provider they have a supply contract with.





# Choosing the Right Solar Partner



## 01 Certifications and Experience

Look for certified installers with experience in commercial projects. Don't be afraid to ask for details like their insurance cover, method statement, project plan and safety record.

## 02 Reviews and References

Check reviews and ask for customer references, ask to visit a site.

## 03 Warranty and Support

Understand the warranty offered on equipment and installation, does this company have the inhouse resources to support me.

## 04 Detailed Proposals

Ensure quotes are detailed and include all potential costs, paybacks and production values.





We are an Irish Solar PV Solutions company based in Galway. We design, supply, install, and maintains solar PV systems for commercial, domestic, agricultural, and community customer across Ireland, employing over 40 people.

We manage all services in-house, including design, electrical, mechanical, and H&S functions.

Solgrid was awarded the prestigious **Business All-Star Best in Class Commercial Solar PV Company** accreditation for 2024 and 2025 by the All-Ireland Business Foundation (AIBF).



Stud Farm, Meath



# What makes us different?



1

## Our Expert Staff

Experienced in civils & roofing, Commercial & Domestic electrical works, Qualified engineering & design team. Get trusted advice not a sales pitch.

2

## High Standards

We aim high on quality and systems. We will not compromise our reputation on cheap quality products

3

## Great Service

Long established history of providing a customer centric service

4

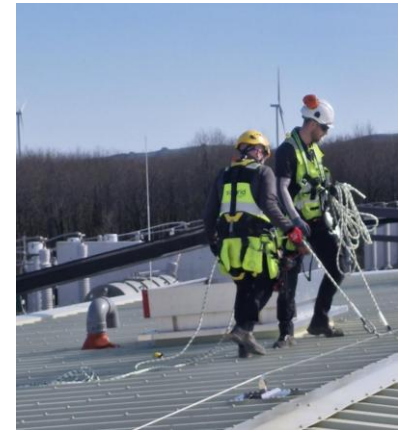
## Safety a priority

We don't prioritise poor workmanship over a job done right so your business is not at risk

5

## Supply Chain

We look for reliability and longevity, Serviceable parts and tangible warranties. TÜV certified.



# What makes us proud?

- Zero-accident policy and adherence to RAMS on every project.
- Member of National Irish Safety Organisation (NISO).
- Certified installer of Rothoblaas safety systems.
- Every installation supervised by a Construction Project Supervisor.

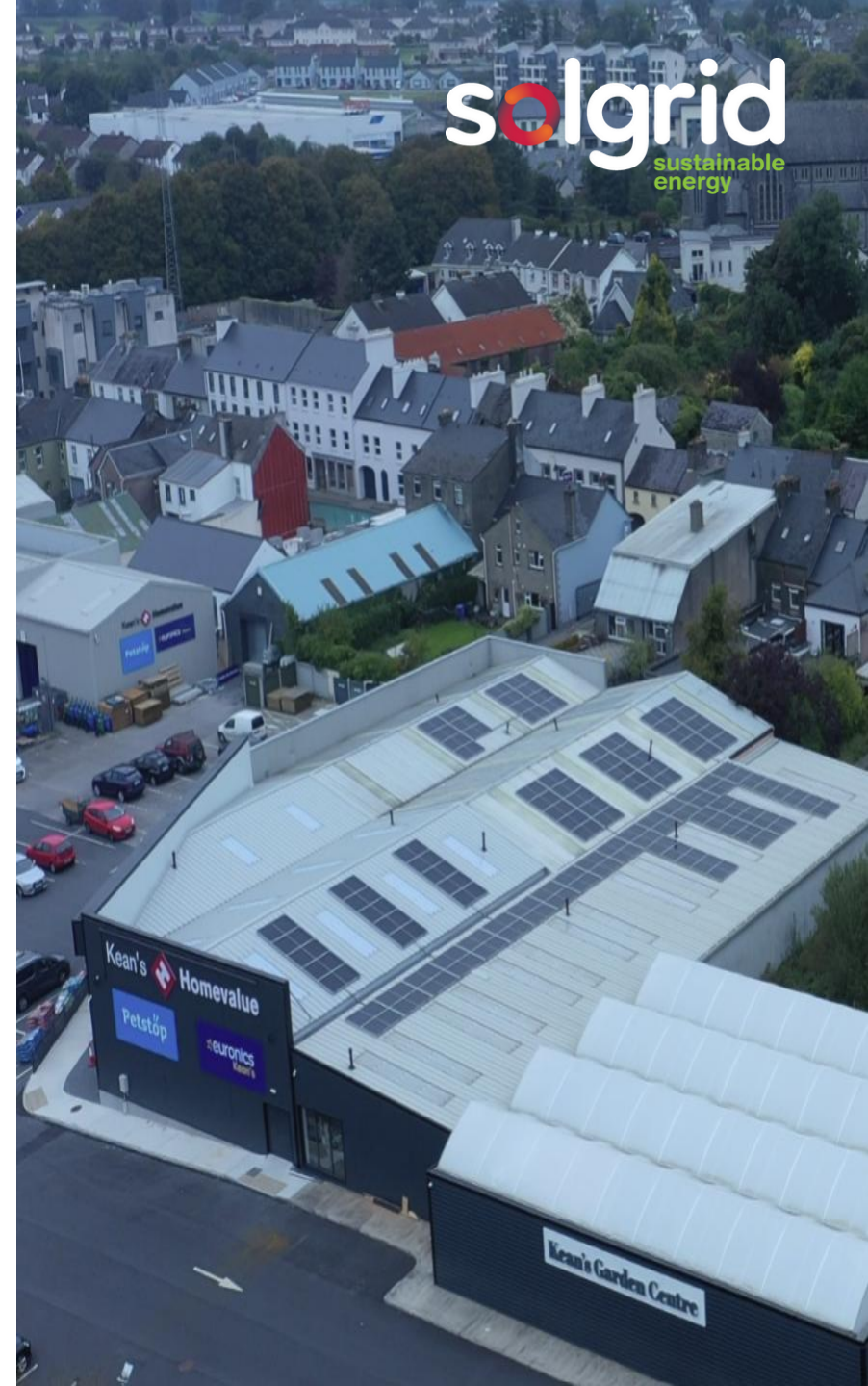
# Solar Success Story



Claremorris, Co Mayo

## Project Features

- 56.35 kWp rooftop system
- 115 panels across 267.9 m<sup>2</sup> roof space
- Integration with existing retail operations (home, garden & DIY retailer)
- Significant cable routing & inverter installation (two inverters used)
- Minimalised disruption to the business during install





## KEY METRICS



**56.35** kWp  
System size



**115**  
Number of panels



**48,094** kWh  
Estimated annual output



**18,413**  
Annual CO2 savings



**4.5** years  
Payback period

### BENEFITS

- 1 CO2 emissions reduced
- 2 Lower carbon footprint
- 3 Reduction in energy costs
- 4 Clean export guarantee for surplus energy



*“From our initial contact with Solgrid, the process was outstanding, marked by professional advice, meticulous attention to detail, and a seamless installation.*

*The expertise and engagement shown by all Solgrid personnel made for an exceptional experience.*

*Now, 12 months on, **we are extremely pleased with the system’s performance.***

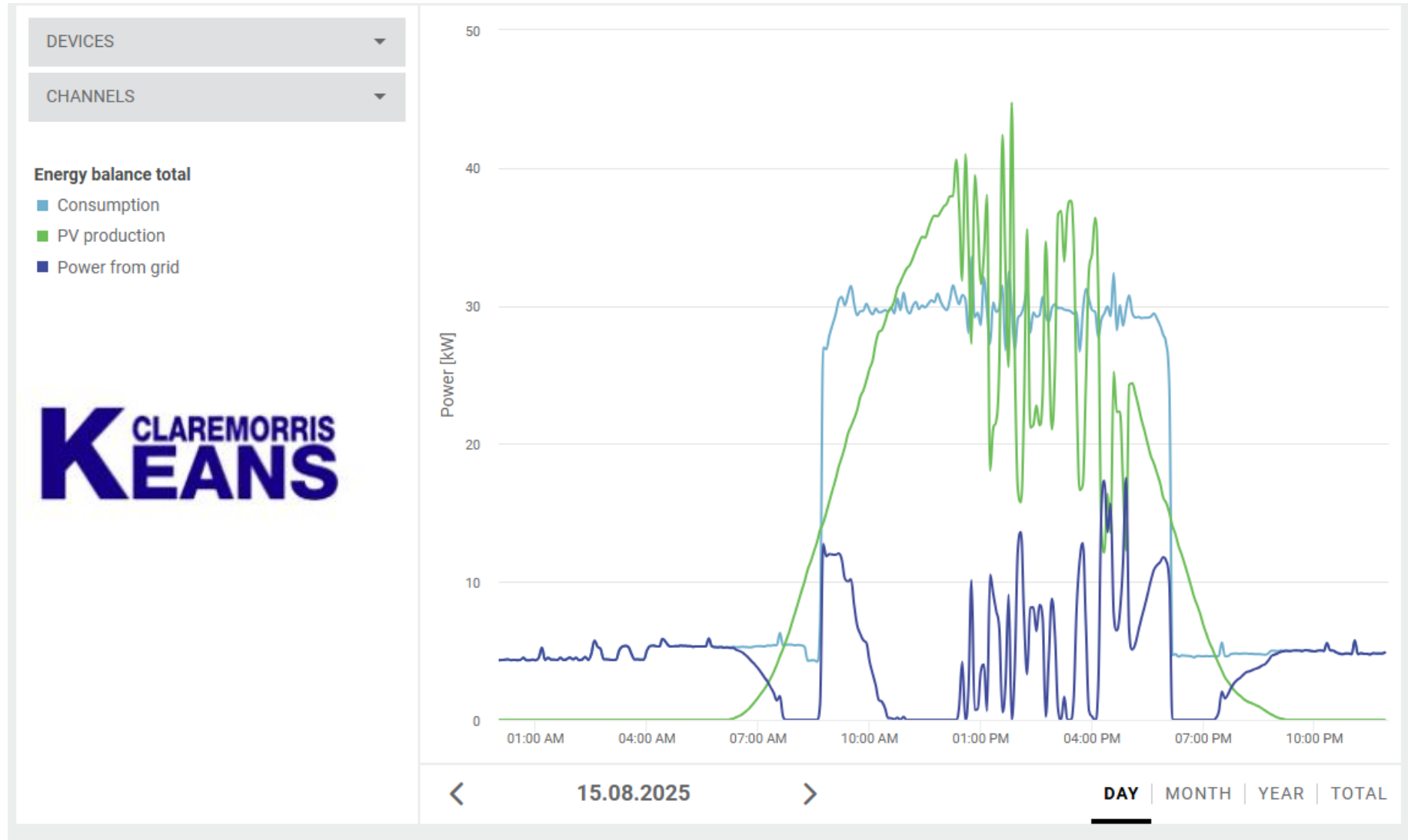
*During the good weather in May, we were **generating 75–80% of our energy requirements**, and even in July we’ve seen the system produce 59% of our electricity needs.*

***The system is delivering exactly as promised**, helping to offset rising energy prices and clearly demonstrating a return on our initial investment.”*

**James Kean, MD, Keans Claremorris**



## Keans – Solar System Production From 15<sup>th</sup> August 2025



# Realtime Results

## Retail Store – Solar System Production 2025

- mixed grocery & light hardware
- Fridges & deli

### Energy Trend ⓘ

Day

Month

Year

Lifetime

<

2025

▼

>

Generated by PV: **33.38** MWh

Consumed by appliances: **119.79** MWh

91.80%

8.20%

Consumed: **30.64** MWh

Fed to grid: **2.74** MWh

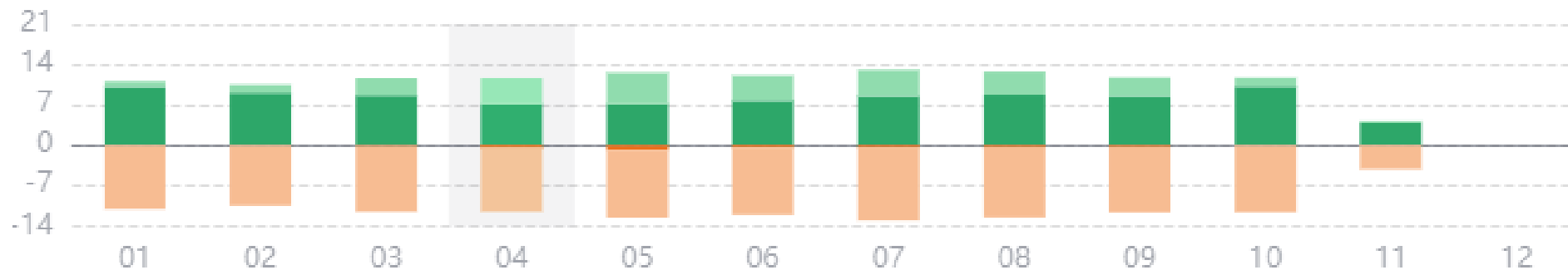
25.41%

74.59%

From PV: **30.44** MWh

From grid: **89.35** MWh

MWh



● From grid ● Generated by PV ● Fed to grid ● Consumed by appliances

# Solar Success Story



Gort, Co Galway

## Project Features

- Large-scale 232 kWp system across five roof sections.
- 470 Panels.
- Manufacturing site with high continuous power demand.
- Zero operational downtime during installation.
- Multiple roof surfaces requiring tailored design integration.
- Coordination around active ESB substation on site.
- Complex electrical interconnection and safety management.
- Tight timeline and budget adherence requirements.





## KEY METRICS



232 kWp  
System size



470  
Number of panels



193,348 kWh  
Estimated annual output



72,176  
Annual CO2 savings



< 3.5 years  
Payback period

## BENEFITS

- 1 Reduction in energy costs
- 2 CO2 emissions reduced
- 3 Continuity of power supply
- 4 Lower carbon tax



*"Topform is one of the largest Kitchen worktop manufacturers in the world, we consume so much electricity we have our own ESB substation on site.*

*I needed a company I could trust to implement a sustainable energy solution. Solgrid for me were the complete package of **knowledge, quality and support that I needed.***

*A solar installation of our size was going to be disruptive, but the thing that impressed me most about Solgrid was the **professionalism of the people** who installed our system and the human way they worked with us, we found them **extraordinarily easy to work with.**"*

**Paul Glynn, MD, TopForm**

# Solar Success Story

## The Galway Plaza

Kiltullagh, Co Galway



### Project Features

- 118 kWp, 271 panels system across multiple roof structures
- Live service station – no operational downtime allowed
- Dual roof setup: main building + forecourt canopy
- Two mounting systems (ballast & trapezoidal)
- Tight logistics around active forecourt operations
- Complex electrical routing between roofs





## KEY METRICS



**118.39** kWp  
System size



**271**  
Number of panels



**94,568** kWh  
Estimated annual output



**36,173** kg  
Annual CO2 savings



**3.8** years  
Payback period

### BENEFITS

- 1 CO2 emissions reduced
- 2 Lower carbon footprint
- 3 Reduction in energy costs
- 4 Clean export guaranteed for surplus energy

## The Result

- ⚡ Increased Energy Independence
- ♻️ Reduced Carbon Emissions
- 💰 Significant Cost Savings
- 📈 Enhanced Corporate Image

**solgrid**  
sustainable energy





# Solar Success Story

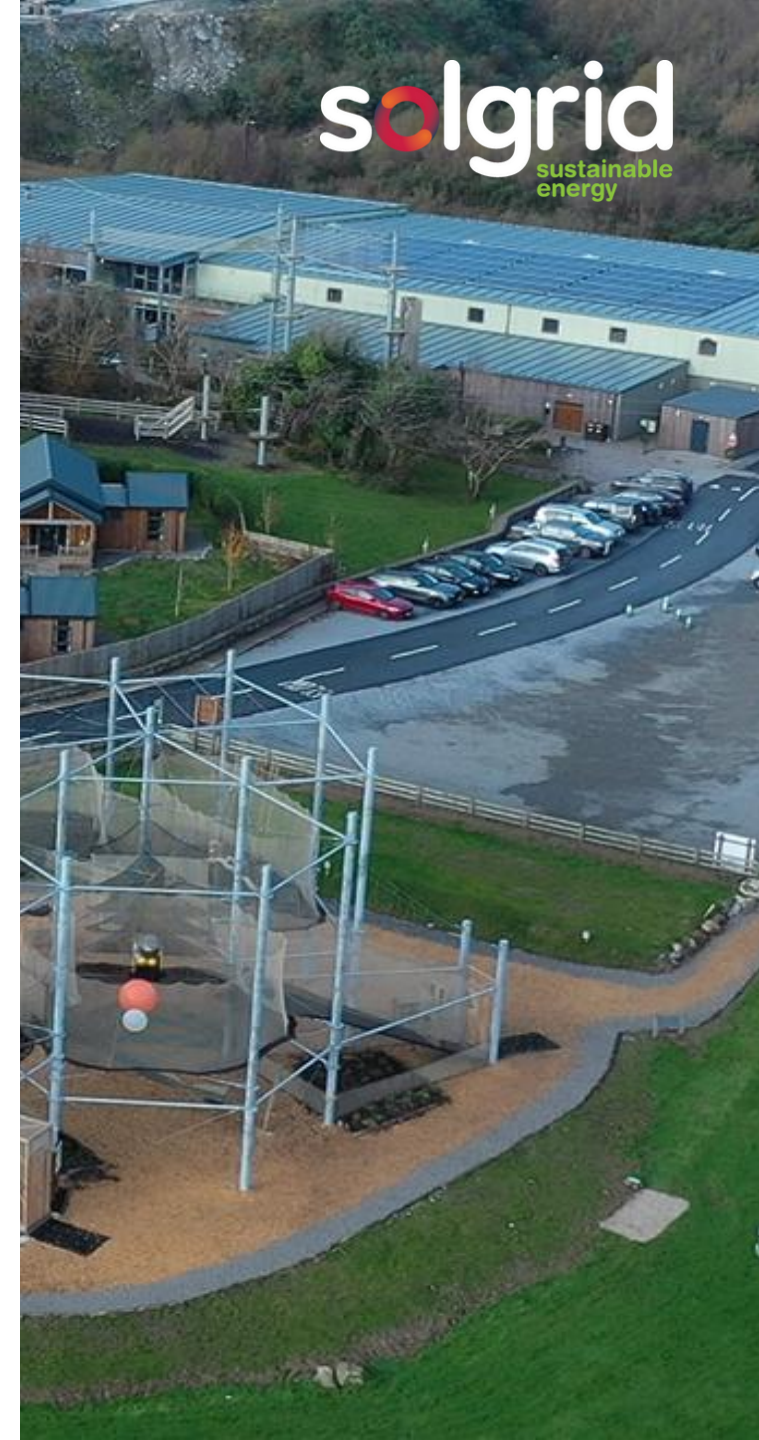
## Wildlands Adventure Centre

Moycullen, Co Galway



### Project Features

- 58.8 kWp rooftop system, 120 Panels
- Active public site — zero operational downtime allowed
- Roof access and safety challenges near visitor areas
- Integration with existing electrical infrastructure
- Coordination across leisure operations and safety teams
- Environmental sensitivity due to woodland location
- Precision planning for cable routing and panel layout
- On-time, on-budget delivery within active business environment





## KEY METRICS



**58.80** kWp  
System size



**120**  
Number of panels



**50,140** kWh  
Estimated annual output



**16,439**  
Annual CO2 savings



**3.8** years  
Payback period

### BENEFITS

- 1 CO2 emissions reduced
- 2 Lower carbon footprint
- 3 Reduction in energy costs
- 4 Clean export guarantee for surplus energy



*It was important that any installation company that we used were a reputable company, and that there would be no downtime to our business during the installation period.*

*Solgrid came on site, they were **very professional**, they worked **quickly and efficiently** and quietly on our roof, meanwhile the business continued as normal. To be honest, we hardly noticed they were there.*

*They applied the **highest of care, safety standards** while they were here installing. It's something that's extremely important to us and it really generated confidence in us when we saw that they were at that level of professionalis*

**Faye Bohan, Co-owner & Director**

## Companies we work with





## Associations and Accreditations



An Roinn Talmhaíochta,  
Bia agus Mara  
Department of Agriculture,  
Food and the Marine



## Our Partnerships

At Solgrid, **we prioritise quality** and reliability in our supply chain to ensure exceptional support for both our company and our customers.

We have partnered with companies such as Fronius and Qcells, who not only invest in our training but also have a **proven track record** of delivering **high-quality products and long-term support**.



# Any Questions?



## Partnership Offer

- We is delighted to offer HAI members a **Free monitoring Solar display system** with any installed Solar PV system.
- We also provide a **no-obligation Solar PV premises review and quotation** as standard.
- In addition, we can arrange a **Free Energy Audit** to help members better understand their energy usage and savings potential.

# Thank You!



[www.solgrid.ie](http://www.solgrid.ie)



[hello@solgrid.ie](mailto:hello@solgrid.ie)



091 335 335

Solgrid Limited  
Cottage Hill Commercial Park,  
Loughrea,  
Co. Galway  
H62 HX80



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