



**Donegal's Leading Provider of Home Energy Solutions**

## Who are Energy Centre?

Energy Centre are Ireland's leading nationwide providers of home energy saving systems with over 16,000 successful installations completed throughout the nation and a dedicated team in Co. Donegal.

## Our mission is...

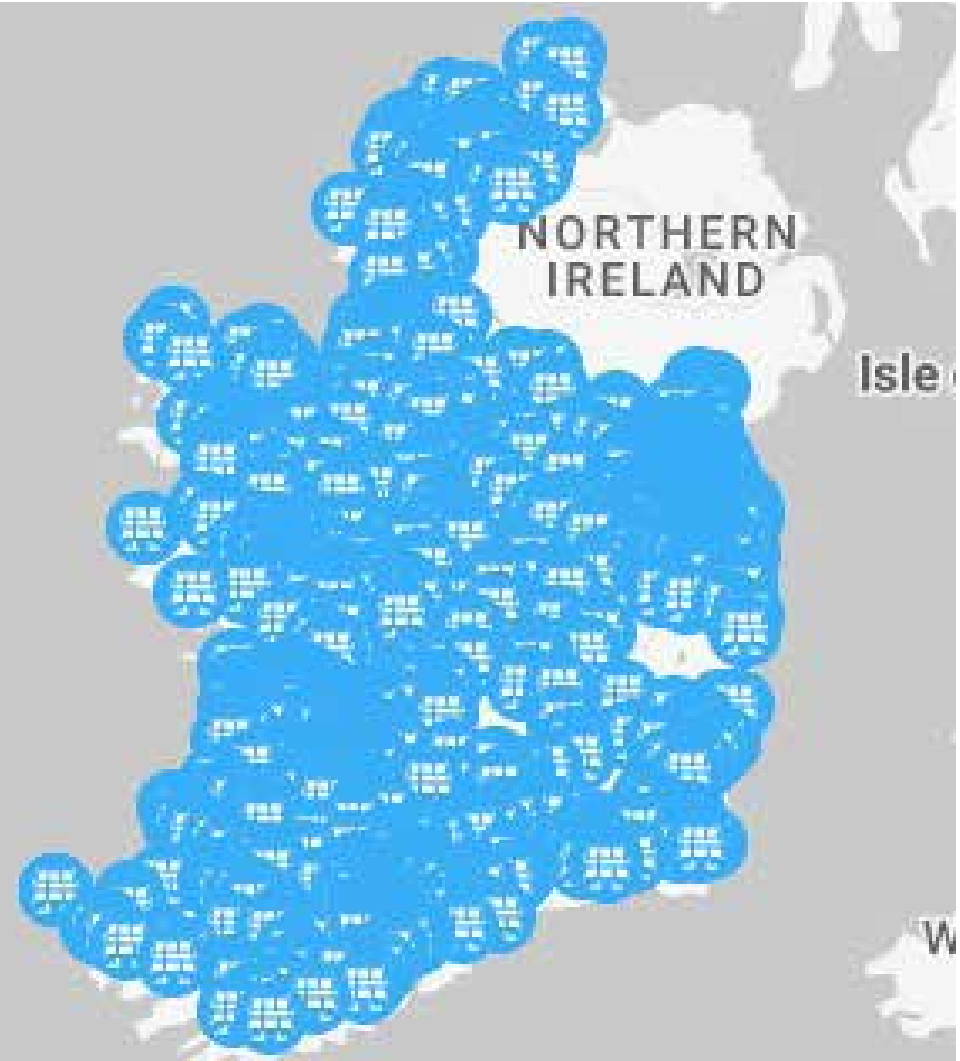
- To help reduce your ever-increasing energy costs by harnessing renewable energy.
- To raise public awareness to the benefits of renewable energy solutions.
- To work with the leading manufacturers in supplying and installing the newest state-of-art renewable energy systems.
- To help safeguard a better environment for the next generation.

## Why choose us?

- We are a family owned business and we are in operation since 2005.
- We have over 80 fully trained engineers, technicians and support staff.
- No fuss one-day installation.
- Our renewable energy products are manufactured by the world's leading companies and are designed for Irish weather conditions.

Plant Distribution

**We are Ireland's leading  
independent supplier  
of home energy saving  
solutions**



**What a difference a day makes!**



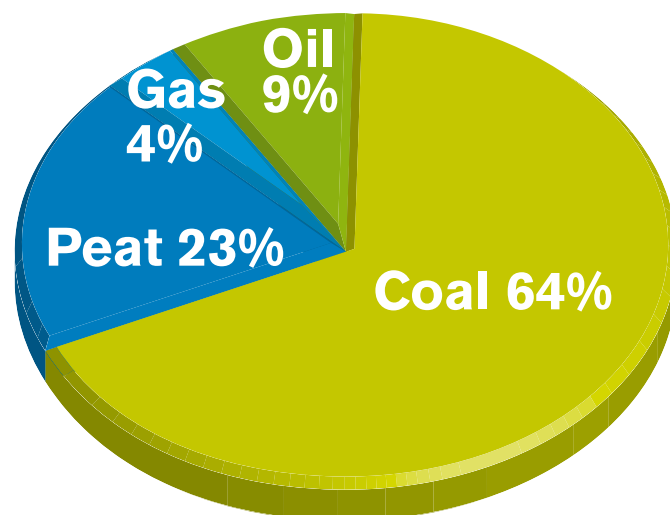
**Why make your  
home more energy  
efficient?**

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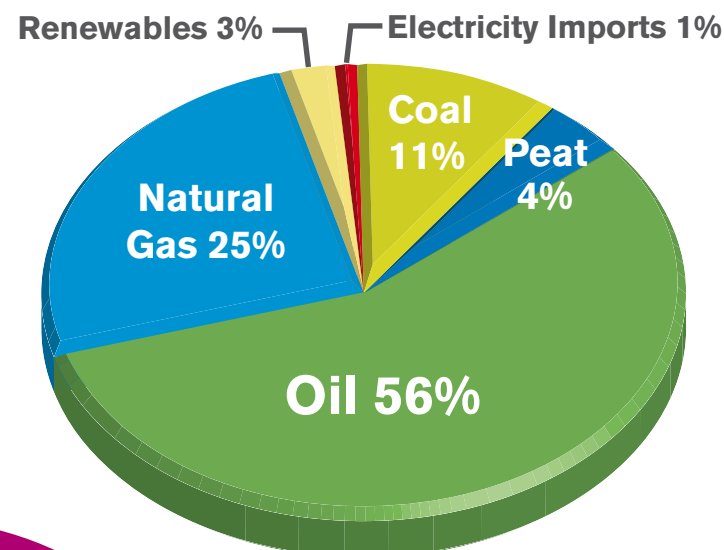


# How Ireland's energy use has changed

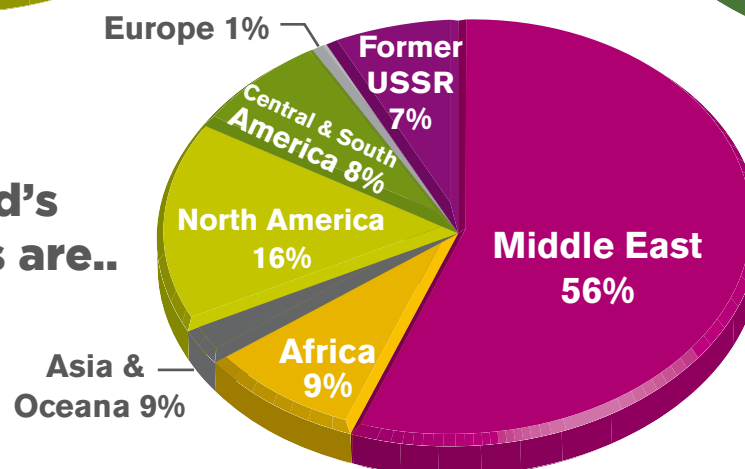
1955



Ireland 2006 - 2024



Where the world's energy reserves are..



**FACT:** More than 60,000 Irish homes and more than 2,900 Irish businesses now use some form of renewable energy for heat.

What a difference a day makes!

## The environment - a real concern

The welfare of mankind is under threat by the way we have misused our energy resources.

A once perfect environment has suffered widescale pollution since the industrial revolution began in the 1850's.

In only 160 years we have managed to change the world's atmosphere.

We can't keep polluting the environment! We need to become more environmentally aware.



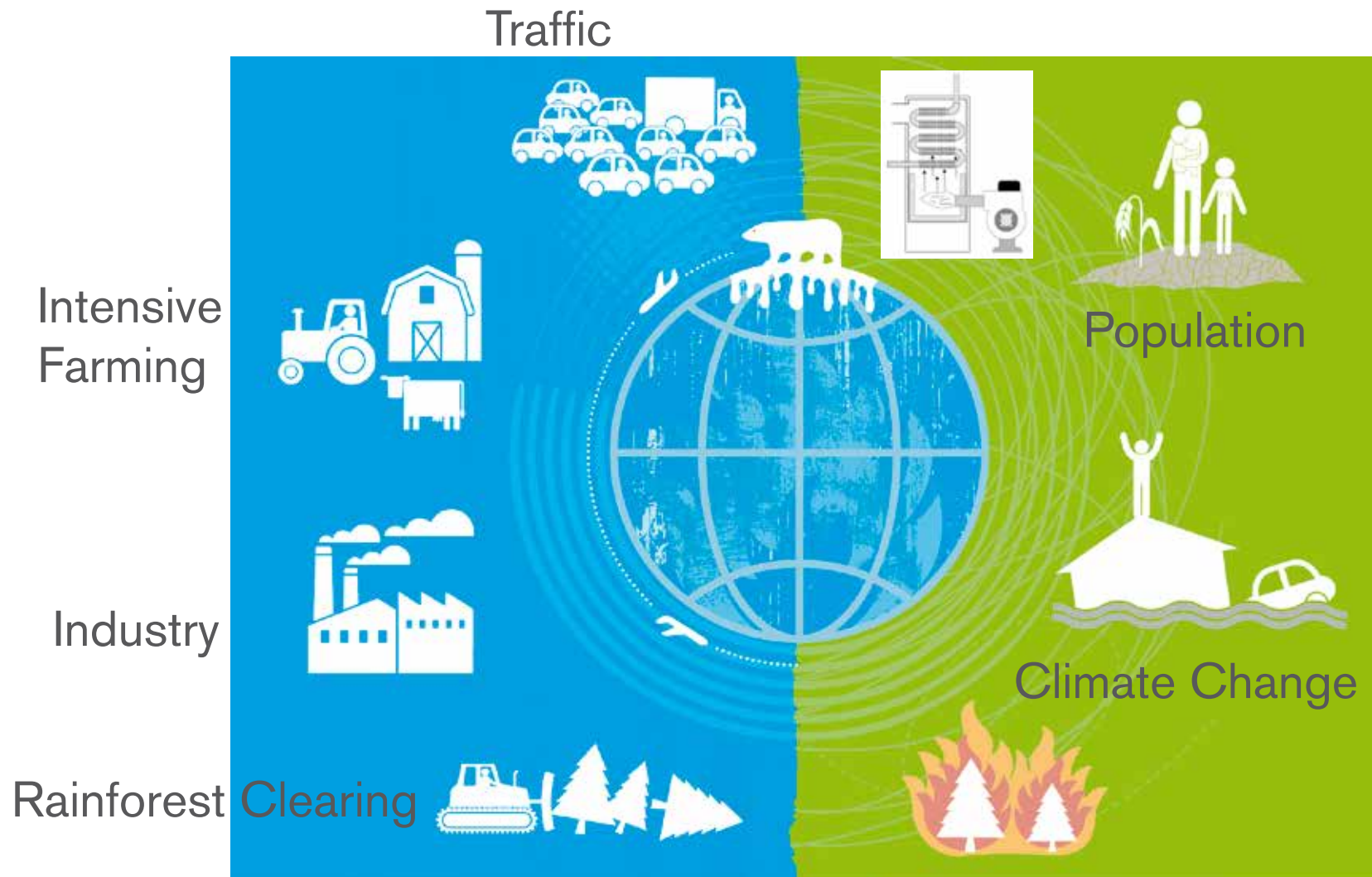
Ireland's Climate Action Plan 2023 (CAP 23) includes a target to increase the share of electricity generated from renewable sources up to 80% by 2030.

Since 2010 carbon taxes have been in place for non-compliance.

Who is going to pay for all of this eventually?

Studies show that the amount of CO<sup>2</sup> emissions created by our energy consumption is making a huge difference to the environment.

# Global Warming



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## Carbon Tax

Carbon tax was introduced to Ireland in 2010 and increased the cost of oil, coal and gas. Carbon tax has been increasing every year and in the October 2024 budget went up by a further €7.50 to €63.50 per tonne.

Furthermore, the Irish Government has committed to increasing carbon tax year-on-year until it reaches €100 per tonne in 2030.

The only way to avoid these increases in carbon tax, and possible fuel poverty, is by cutting down on the amount of fuel it takes to power your home.

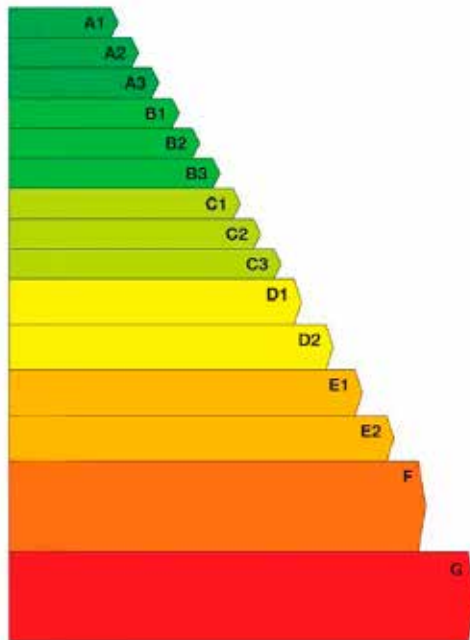


**What a difference a day makes!**

## BER Certificates

BER Certificates measure the energy performance of a house for potential buyers and rating falls between A and G.

BER Certs are available from approved assessors and have been compulsory for anybody building, buying or renting a home since 2009.



The average house in Ireland is rated between D and E, leaving much room for improvement.

70% of buyers consider energy efficiency to be important when buying a home.



## Reducing CO<sup>2</sup> Emissions

Installing an Energy Centre solar PV system will help reduce CO<sup>2</sup> emissions and increase your BER Rating.



### 'A' Rated House

- Solar Electric PV Panels
- Wind Turbine
- Low energy bulbs
- Attic insulation
- Thermostat controls
- High efficiency boiler
- Triple glazed windows



### 'G' Rated House

- Drafty windows
- Wooden floors
- Cavity walls
- No attic insulation
- Old thermostat
- 1st generation boiler
- Low rated fridge, etc

A typical Energy Centre system can reduce CO<sup>2</sup> emissions by about 350kg or over a third of a tonne every year!

\* UK Dept of Trade and Industry, Sustainable Energy Programme 2001

**What a difference a day makes!**

## Why go solar?

- Energy costs are constantly rising and the world's fuel reserves are reducing.
- Growing demands and falling supply means rising prices!
- Ireland is not self-sufficient so we need to look at alternative ways of harvesting energy.



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## **The Facts about Solar Energy**

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### **FACT 1**

#### **Our solar collectors don't need sunshine**

Energy Centre's high efficiency mono-Perc panels don't need direct sunshine. It works by diffused radiation, which is produced naturally during daylight hours.

### **FACT 2**

#### **Our solar collectors work all year round**

Energy Centre's solar collectors are very efficient and work all year round, especially from Spring to Autumn.

### **FACT 3**

#### **Installation is simple**

Energy Centre installers will be in and out in just one day!

### **FACT 4**

#### **We use electricity every day**

Solar collectors will supply up to 70% of your electricity needs, year round.

### **FACT 5**

#### **Most of our electricity is still produced through burning fossil fuel**

Solar is the cleanest, most abundant renewable energy source available, and Ireland has some of the richest solar resources in the world.

### **FACT 6**

#### **You begin saving money straightaway**

The Energy Centre system saves money immediately and will pay for itself many times over. You now own your own power supply! And best of all, it is being paid for by the money you would have otherwise paid by purchasing electricity from your current energy provider.

**What a difference a day makes!**



**Solar - it's now 35  
years in Ireland**

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## Solar Power and Ireland...



Solar harvesting is as efficient in Ireland as across most of Northern Europe such as Spain.

Ireland gets 70% of the sun Madrid gets.

Our newest Mono-Perc Panels have been designed for Irish weather conditions. So we can produce electricity in natural daylight as well as just sunlight.



## Energy Centre Solar Collectors

- Provide up to 70% of your electricity needs
- Designed specifically to work in cold, wet and humid conditions
- Work from dawn until dusk and throughout the year
- Certified to withstand hail impact test DIN EN12975-2:2006 using ice-balls.

In some parts of Europe it has become compulsory to install solar panels on new homes and in Ireland some form of renewable technology has been required for new homes since 2006.



# How the Energy Centre system works



Collectors capture the sun's radiation and they send the energy to your Inverter. The energy is converted by the Inverter from DC to AC, which is used in your home.

**What a difference a day makes!**

# How the Energy Centre monitoring App works

## Your Solar System App

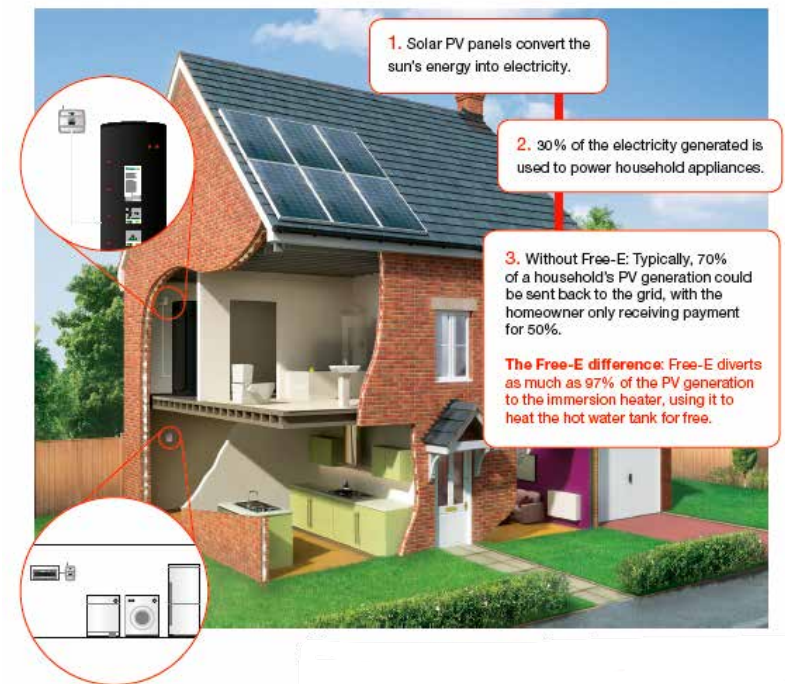
Your system comes complete with an Application to allow you to monitor and calculate the amount of energy you are producing every day, so you can show it to your friends and neighbours.



- Free monitoring available.
- It can work on your phone or tablet.
- Monitoring is through the Solar Man App.
- It will monitor property load, solar PV generation, and interaction with the grid supply.
- It will be monitored by the customer, installer and Failte Solar. So the customer doesn't need to worry about their solar system, the installer will always monitor the customer's system.



# Typical Energy Centre Installations

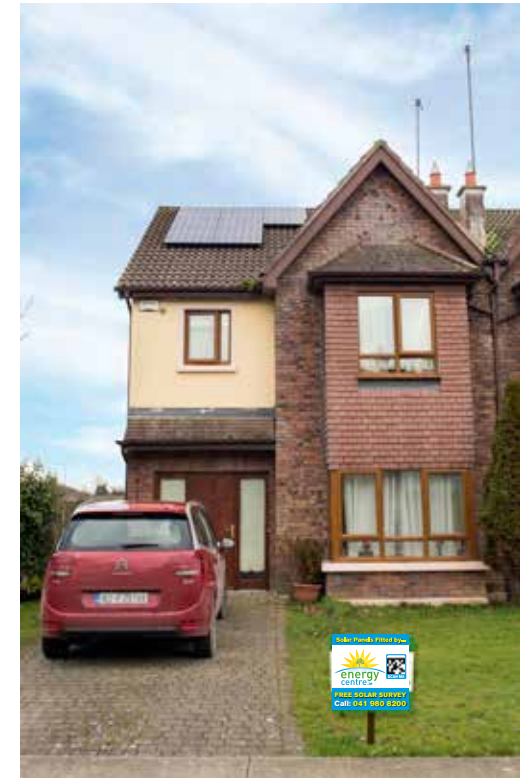


## What people are saying...

"The install went very, very smoothly. We hardly noticed the installers while all the work was going on. When you have a roof space and it's not being used then you might as well make the most of it." Noel Sweetman

**What a difference a day makes!**





**What a difference a day makes!**

## What people are saying...

“Everyone from the initial phone call through planning and installation was helpful, pleasant and efficient”

Michael Finn, Donegal



**What a difference a day makes!**





**How Solar Energy  
saves you money**

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## Are you tired of ever-increasing fuel costs?

Take a look at how oil has escalated in cost...

We all know the picture is not much different for gas, coal and electricity.

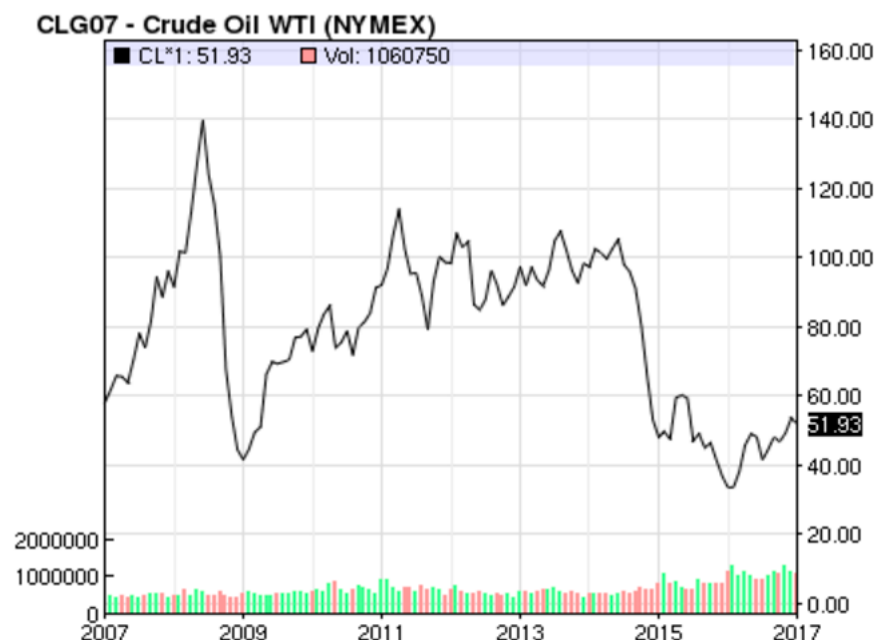
1995	-	\$17
2000	-	\$27
2005	-	\$50
2010	-	\$71
2013	-	\$121
2020	-	\$63
2021	-	\$82
2024	-	\$73



## Crude Oil

WTI (NYMEX) Price

End of day Commodity Futures Price Quotes for Crude Oil WTI (NYMEX)



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# ROAD TO ZERO

**What the average Irish household spends on electricity every year...**

<b>2005</b>	<b>€516</b>
<b>2015</b>	<b>€1,015</b>
<b>2025</b>	<b>€2,000</b>
<b>5 yrs time</b>	<b>€2,805</b>
<b>10 yrs time</b>	<b>€3,934</b>
<b>15 yrs time</b>	<b>€5,518</b>
<b>20 yrs time</b>	<b>€7,739</b>
<b>25 yrs time</b>	<b>€10,854</b>

*Figures assume  
a 7% increase in  
fuel costs per year.*

*The actual average  
increase in fuel  
costs 2010 - 2024  
was 7%*

**Total spend on electricity over 25 years €135,352**

The above spend is based on a typical family home using 5,000 units of electricity per year. Energy Centre solar system can save the average homeowner up to 90% of their electricity costs per year. This is achieved through a combination of energy production on your roof and load shifting of energy from night rate to day rate using your battery.

**What a difference a day makes!**

## Solar Energy - why the next generation will thank you

<b>YEAR</b>	<b>MONEY SAVED</b> based on 80% savings on electricity usage	<b>CO<sup>2</sup></b> Carbon Savings
<b>This year (2025)</b>	<b>€1,600</b>	<b>1.3 tonnes</b>
<b>5 years time</b>	<b>€9,845</b>	<b>6.5 tonnes</b>
<b>10 years time</b>	<b>€23,653</b>	<b>13 tonnes</b>
<b>15 years time</b>	<b>€43,020</b>	<b>19.5 tonnes</b>
<b>20 years time</b>	<b>€70,184</b>	<b>26 tonnes</b>
<b>25 years time</b>	<b>€99,598</b>	<b>32.5 tonnes</b>

Assumes 7% increase in fuel costs per year

**What a difference a day makes!**



## **Energy Centre's Marketing Plan**

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# Energy Centre's Marketing Plan

We are confident that you will have many opportunities to tell people how happy you are with the Energy Centre solar system.

Such recommendations mean a lot to us and we would like to reward you for them.

Energy Centre are delighted to offer **€35\* per appointment** for a home survey and if it results in an installation you will receive **a further €100\***

On the seventh installation we will fully refund the cost of your own installation.



Refer-a-Friend Booklet



## What a difference a day makes!



## Gain the Rewards



90cm sign



**What a difference a day makes!**



## Gain the Rewards

John O'Brien, who received a full refund of the cost of his Solar Electric System, in April 2024





## **Energy Centre Warranty**

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# Energy Centre Warranty & Insurances



**25 Years Performance Warranty on Solar Panels**  
Energy Centre provides a total of 25 years limited and conditional warranty (hereinafter referred to as "Term of Warranty" with respect to power output starting from the date of Purchase, "Warranty Commencement Date" – Energy Centre warrants that the Module(s) sold hereunder could generate a power output of:  
i. About 90% of the rated power stated in the Invoice issued to First Purchaser for a period of 12 years;  
ii. About 80% of the rated power stated in the Invoice issued to First Purchaser for the remaining Term of Warranty from the Warranty Commencement date subject to and under standard Faite Solar test conditions. The following terms will apply in the event Module(s) is/are not providing the warranted percentage of its power output only due to Manufacturing Defects, during the Term of Warranty

**10 Years Warranty on Battery**  
**5 Years Warranty on all other Components**  
Energy Centre warrants that for a period of 5 years from the date of purchase or date of use, whichever is earlier, the Module(s) sold hereunder shall be free from Manufacturing Defects under standard application, installation, and service conditions. If during the Term of Warranty, the Module(s) is / are found to be having Manufacturing Defects, then Energy Centre will, at its sole discretion either:  
i. replace such Module(s) with similar Module(s),  
ii. refund the purchase price of the module without interest or any charge, as measured by considering 5% depreciation per year on original purchase price or the then prevailing price of similar Module(s) whichever is lower, provided that the then prevailing price does not exceed the Original Sale Price at which the First purchaser has purchased the Product  
iii. Provide supplementary Module(s) free of charge to the purchaser, for the balance Term of Warranty.

**25 Years**



Fingal Insurance Brokers Limited  
Airside Enterprise Park  
Swords  
Co. Dublin

**Summary of Insurance Cover**  
for  
Public / Product Liability €6,500,000  
Employer's Liability €13,000,000

Policy No: HBPH-95414

**AVIVA**

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# Energy Centre systems are accredited to highest EU standards



Energy Centre solar products are independently tested to EU quality standards. All the products are certified under the following institutions.

- **TUV Nord** (Germany)
- **CE**
- **ISO 9001** (International Standards Organisation)
- **EN61215**



## Summary

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## **To summarise - how solar will benefit you...**

- Solar will save you money immediately and will supply up to 70% of your electricity needs.
- Frees you from future fuel increases.
- It is the cheapest method of supplying electricity for your home.
- Benefit from Government Grants, Zero VAT and Feedback Tariffs to national grid.
- Installing solar energy makes a substantial contribution to protecting the environment and increases your home's BER rating
- And finally...  
It is ultimately paid for by your energy provider, through the savings you make