



METRICK ENERGY

RESIDENTIAL UPGRADES

ABOUT US



RESIDENTIAL UPGRADES

Metrick Energy offer residential grant schemes that provide 100% funding to help eligible people reduce the cost of heating and energy by installation of energy-saving solutions.

Who is eligible:

Home owners receiving under **£31,000**.

Any individual who is receiving **benefits** such as **universal credit**.

Here at **Metrick Energy** we offer funding for:

- Internal wall insulation
- Cavity wall insulation
- Loft insulation
- External Wall insulation
- Air source heat pump
- Electric storage heater upgrades
- Hybrid system
- First time central heating
- Smart heating controls
- Boiler upgrades
- Solar panels

INSULATION UPGRADES



We provide 3 types of insulation:

- Internal wall insulation
- Cavity wall insulation
- Loft insulation
- External wall insulation

These enhancements can be used for both **gas and electric properties** to maintain the warmth by reducing the amount of heat escaping from the walls.

Why apply for a residential grant for insulation:

- **Health and Safety** - reduces dampness and mould
- **Cost Saving** - reduction of energy bills
- **Environmental Impact** - reduction of carbon footprint and energy usage
- Increasing **Property value**

Internal Wall Insulation

This involves adding insulation material to the internal side of external walls in a building/property.

How does it benefit you?

- **Energy Efficient** - by significantly reducing energy consumption for heating, leading to lower energy bills.
- **Moisture Management** - correct insulation can help prevent moisture buildup which can lead to mold and other issues.



Cavity Wall Insulation

Cavity Wall Insulation involves filling the space between two layers of cavity wall, usually an outer brick layer and inner brick wall with insulating material.

How does it benefit you?

- **Energy Efficient** and **Cost Saving** - greatly reduces heat loss through walls and helps maintain consistent indoor temperatures whilst lowering heating bills
- **Noise Reduction** - by helping dampen external noise and providing a quieter living space.



Loft Insulation

Loft Insulation consists of adding insulation material to the space in the roof or attic.

How does it benefit you?

- **Energy Efficient**
- **Noise Reduction**
- **Environmental Impact** - by reducing energy consumptions it contributes to a smaller carbon footprint, making your home more environmentally friendly.



INSULATION UPGRADES

This tenant had been struggling with damp on the internal walls and persistent drafts coming through, which made the living conditions uncomfortable and increased heating costs.

Our team was able to install the insulation, replaster and repaint the walls of the house to allow a much warmer and more energy-efficient living space.





ELECTRIC PROPERTY UPGRADES

The different electrical upgrades we offer are:

- Air source heat pump
- Electric storage heater upgrade
- Hybrid system

Why should you upgrade your heating system?

- To adjust to **fluctuating energy prices** and reduce your energy costs.
- To improve your properties **indoor air quality** and **reduce dampness** and therefore being **beneficial to health**.

Air Source Heat Pump

Air Source Heat Pumps involve the heat pump absorbing heat from the outside air and using it to increase the temperature inside a property.

What are the benefits?

- **Energy Efficient** - by often producing more energy than is consumed, it leads to lower energy bills for the property.
- **Cooling Capability** - as can also provide cooling in the summer therefore being versatile in year-rounds temperature change.



Electric Storage Heater Upgrades

Electric Storage heaters store thermal energy during the night when electricity is available at a much lower costs then releases the heat energy during the day when required therefore maximising energy usage.

What are the benefits?

- **Space Saving** - as these heaters take up less space in comparison to traditional heating systems and can be installed in various locations
- **Ease of Use** - as they operate easily and can be programmed to fit to your heating schedule.
- **Minimal maintenance** - as opposed for gas or oil systems



Hybrid System

A Hybrid System involves combining 2+ means of generating heat as a way of warming the property and producing hot water. Some systems also combine electric heating with gas boilers which allows home owners to efficiently switch between energy sources based on cost and what is available.

What are the benefits?

- **Smart Controls** - such as advanced control systems that automatically switch sources that ensure efficient energy use and maintain desired temperatures
- **Cost Saving** - hence being able to switch between fuel types it leads to users being able to take advantage of lower energy prices.



GAS UPGRADES



Gas upgrades are essential for maintaining a **safe and cost-effective energy** system in your home. Whether you're replacing old appliances, upgrading gas lines etc these upgrades can lead to **long-term savings**, increased **safety**, and a more **environmentally-friendly** home.

First Time Central Heating

First Time Central Heating involves replacing old existing heaters with a new central heating system powered by a gas boiler.

How does it benefit you?

- **Improved Comfort** - from installation of proper heating systems it enhances comfort during the cold season making the living conditions more pleasant.
- **Health Benefits** - from sufficient heating cold-related illness can be prevented leading to less illness and health risks.



Smart Heating Controls

Smart Heating Controls involves an advanced heating system connected to the internet that can be controlled remotely through a smartphone, tablet or PC. This is an excellent way to have more precise control over heating and hot water systems.

How does it benefit you?

- **Energy Efficient** - as the system can reduce heating in unused rooms or during times when no one is home leading to lower energy consumption and reducing energy bills.
- **Flexibility** - from being able to control your heating from your mobile device anytime and anywhere whether you're at work, travelling or in a different room.



Boiler Upgrades

Boiler Upgrades are available to those who are burdened with a old traditional fossil fuel boiler and need to change to more energy-saving system such as a heat pump.

How does it benefit you?

- **Better Reliability** - as old boilers frequently breakdown and require frequent repairs, upgrading reduces this likelihood of breakdowns and ensures a reliable heat source.
- **Improved Performance** - as new boilers can better meet the demands of your home regardless if you're heating several rooms or using hot water in multiple place at once.



GAS UPGRADES

A **mother with two children** was struggling with several issues: **no radiators** to dry clothes, **high energy** bills due to the age of the boiler, reliance on **electric fans** for heating, and an **inefficient, costly gas-powered** warm air heater.

We were able to install a new, energy-efficient **BAXI boiler** along with **new radiators** throughout the entire house. As a result, her gas bills will be **significantly reduced**, and she can now dry her clothes more easily, which is especially important during the winter months.



BEFORE



AFTER



BEFORE



AFTER

SOLAR PANEL UPGRADE



Solar panels are devices that convert sunlight into electricity. They are a long-term investment that can pay off both financially and environmentally.

How does it benefit you?

- **Renewable energy source** - meaning it won't run out as long as the sun is shining therefore being more sustainable.
- **Low Maintenance Costs** - they typically only need occasional cleaning to ensure they are functioning at peak efficiency, providing long-term reliability.
- **Reduced Energy Bills** - as you can reduce or eliminate your reliance on electricity from the grid it can result in significant savings on your energy bills.



BEFORE



AFTER



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