



save energy
POWERED BY THE ENVIRONMENT

*We're running on sunshine.
Could you?*

**RENEWABLE ENERGY AND
ENERGY SAVING SOLUTIONS**

PICK UP YOUR COPY TODAY

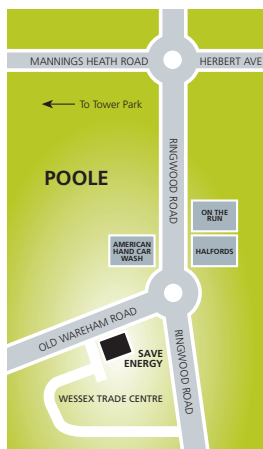


Save Energy Group are the South's leading renewable energy company

Save Energy Group specialise in energy saving and renewable energy solutions. Providing a first class design, consultancy, installation service to both the residential and commercial sectors.

Working closely with leading edge technology suppliers we aim to bring you the most efficient, cost-effective products available on the market today. Our range currently includes:

- **Solar PV Panels**
- **Solar Thermal Hot Water**
- **Solar PVT**
- **Air Source Heat Pumps**
- **Ground Source Heat Pumps**
- **Energy Efficient Boilers**
- **Wood Burners**
- **Interior/Exterior Cavity Wall & Roof Insulation**
- **EPC Assessment**
- **FREE Home Energy Assessment**



APPROVED
INSTALLER



ELCS4023
Solar Thermal
Solar Photovoltaic
Heat Pump Systems



Call us on **01202 721188**

Contact us today for a free, no obligation quotation.

Here to help you save energy ... and money

Whether you are a homeowner - or a business we all need to keep costs down. Energy saving and renewable energy products will enable you to:

- **OWN not RENT your energy**
- **Invest the money your energy provider will take if you don't!**
- **Save 'Money' and 'Earn' money**
- **Become energy efficient**
- **Produce green, clean, sustainable energy**



Take advantage of our Free Home Energy Assessment

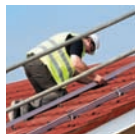
Our advisors are happy to visit your home and carry out a detailed analysis of every aspect of your energy requirements. From insulation, boiler, water cylinder, heating fuel etc. to help navigate the way forward to a more energy and cost-efficient future.

Save Energy Group Energy Performance Certification Service

The government is introducing a new clause to their grant and tariff based products. To qualify your property will need to reach a Level D rating www.epcadvisor.direct.gov.uk if you install renewable energy. Save Energy Group will carry out an EPC performance assessment on your home and advise on your current rating and how you can obtain your Level D if you do not qualify.



We are with you every step of the way



As experts in renewable energy since 2002, we provide advice and guidance on energy saving techniques and products, renewable energy solutions, grants and income opportunities: **Solar PV, Solar Thermal, Air Source Heat Pumps, Ground Source Heat Pumps, Energy Efficient Boilers, Wood Burners, Wall & Roof Insulation.**

Whether it's generating your own electricity or energy to heat your home, or providing your hot water, our design and installation team will ensure each and every system is tailored to suit the needs of your home and will maximise your investment.

Our promise:

- ✓ To constantly review products and technologies
- ✓ To increase your energy efficiency
- ✓ To generate optimum income from tariff based options
- ✓ To offer the best return on your investment

"From the directors to the office staff, customer service is very important to them and it shows. The work we had carried out was of a very high standard and we both have nothing but praise for an excellent job well done." Checktrade 10/10.

Testimonial from Poole on Checktrade

Call us on **01202 721188**

What's involved?



We ensure the process is simple and seamless...

Sales Consultation

An opportunity to tell you about us, our products, how they work and what they cost. Our team work entirely within the guidelines of the REAL Code.

Site Survey

Our trained Technical Consultant will carry out a detailed inspection of your property, taking approximately one hour.

Design Presentation

We detail our recommendations and how we arrived at them.

Installation Date

When you are happy to proceed we accept a deposit and book your installation and scaffolding where applicable. Our customer care team will advise what you need to prepare.

Installation

You can visit www.checkatrade.com for testimonials on our timekeeping, courteous approach and clean and tidy workmanship. Once installation is complete our team will run through your chosen system and provide you with a relevant documentation Work Pack to ensure you are completely happy.

Documentation

Save Energy Group will prepare your low carbon report and register your system with the correct governing body.

Final Payment

Upon receipt of your final payment we provide a certified receipt handing over ownership of the system. For PV customers this completes legislation and must be carried out within five days to ensure you receive payment from your energy supplier - from day one.

"We had our Solar PV installation fitted just over a week ago and would like to say how pleased we are. The office kept us up-to-date with progress and your solar installers were very professional and carried out the work to a very high standard."

Testimonial from Salisbury in Wiltshire



Helping you to keep business costs down.







With fuel prices rising, tax increases and economic instability, running a business and making a profit is becoming increasingly difficult. Renewable energy is the solution to combat the negative effects of high energy bills on your company's bottom line - and all from natural resources.

It's hardly surprising that company accountants and decision-makers are increasingly looking at the benefits of investing some of their future capital spend with utility companies on Renewable technologies.

We work with architects, developers, small to medium sized businesses, blue chip companies and the farming community. We liaise closely with each business to determine their immediate and long term energy needs. We then develop a bespoke solution for the best return on their investment. We will deal with any planning issues, in-house, if required and ensure a solution for all environments.

Our promise:

-  Add value to your business
-  Reduce overheads and earn an extra income
-  Avoid fuel cost inflation
-  Increase your green credentials

Commercial

Enhanced Energy Generation in an Elegant Package



In 2011 Save Energy introduced the latest innovation in Solar Technology - Thin Film. Thin Film panels are visually appealing, with their uniformly black surface and black anodised aluminium frame, they blend far better into existing roof structures than most crystalline PV modules.

The advanced panels are designed to provide excellent overall efficiency, resulting in a very high annual energy output. They are not only very efficient in bright sunlight, but also provide excellent levels of energy generation in indirect and ambient light. This means your panels will generate a higher level of energy on those very common days when the sky is filled with white clouds or summer haze.

Despite these benefits they are extremely competitively priced, providing a choice of superior product technology at no premium over conventional technologies.

Better value, better returns, better looks, better for your business and your environment



"The quality of workmanship and service was first class, and everyone I dealt with in the company was extremely helpful and cooperative throughout the process. I have no hesitation in recommending Save Energy to anyone considering a PV system."

Mr Gosney - 50 kilowatt installation



Solar Photovoltaic (PV)



Solar PV systems allow you to efficiently generate electricity for your home or business, using 'Flat-Plate' solar panels that absorb the sun's rays and turn them into electricity.

Save Energy's photovoltaic solar panels are engineered for use in almost any environment and are known for their high reliability, high efficiency and low environmental impact. Our award-winning range of Solar PV panels offer a 25 year limited warranty on power output, featuring a corrosion-resistant frame and high-strength glass.

The Government estimates that an average household could earn approximately £1000 per year - or approximately £25,000 over the 25 year period. This can provide you with a return on your investment of 8-10% per annum, with some customers achieving even higher yields. Now that's a great return on investment.

Any unused electricity you generate could also be sold back to the National Grid at an index-linked rate.

• **Contact us today for the latest Feed-In-Tariff rate**



Increase the value of your property



Reduce your Carbon Footprint



Call us on **01202 721188**



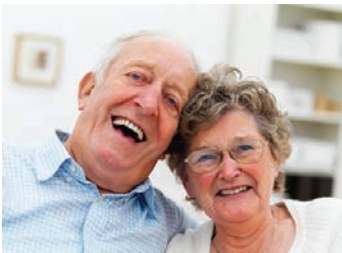
" We became Earn & Save Members and now earn money for the electricity we produce for 25 years, as well as for referrals we generate "



" We saved 40% on last year's electricity bills. An 8-10% return on investment "



" It wasn't hard to see what we could do with the money, if we made the smart decision today "



" Once we had the facts we no longer wanted to rent our energy on an increasing scale. We chose to own our own "



" My daughter's family will benefit from Solar PV thanks to the Save Energy 'Green Gift' Voucher. My gift really does keep giving "



Solar Photovoltaic & Thermal (PVT)

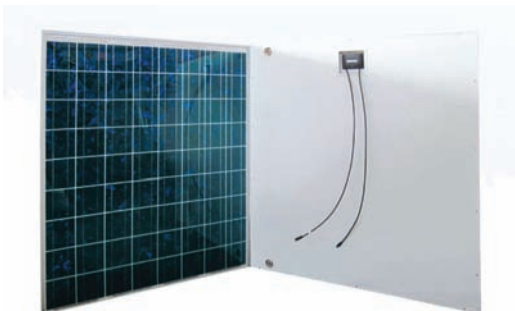
Provides your Electricity and Hot Water Requirements with One Type of Panel

The thermal energy generated by a thermo-photovoltaic plant realised with these PVT modules can be used to satisfy different needs, such as a partial or complete integration of the heating system for:

- **Swimming pools**
- **Underfloor heating (low temperature heating)**
- **Hot water**
- **Process industrial systems**

A system made with these modules provides at the same time the possibility to recover the heat by cooling the photovoltaic cells and to increase the efficiency of the electrical conversion.

All products are made to work even in drain back systems: when the conditions don't lead to recycling of the fluid the plant will behave like a traditional photovoltaic system.





The Technology

The solar cells used in the commercial photovoltaic modules convert generally from 13 up to 18% of the incident energy, the remaining part of energy increases the temperature of the cell with consequent loss of conversion efficiency of solar cells.

The technology is based on simultaneous production of electrical energy by photovoltaic cells added with thermal power generation from cooling crystalline cells. It allows an increase of electrical energy production (yearly about 15-20%) and the simultaneous generation of heat.

These products are made with technologies and materials that last a lifetime with high efficiency similar to traditional photovoltaic modules.

Operating principle: The heat obtained by cooling the modules will be used for the integration with a hot water tank and a radiant panel system.

A controller, through two heat exchangers and a pump, manages the heating of the water in the tank and of the water through the return manifold of the radiant panel system.

In case the temperatures reached by the system aren't sufficient, the plant will be helped by the heat generator. The surplus of energy will be stored in the solar tank. When the temperature of the modules is lower than the temperature of the solar tank, the controller drives a three-way valve to exclude modules from the circuit and to exploit the stored thermal energy. The cold water will be pre-heat by the exchanger before entering the hot water tank to exploit the thermal energy even in case of low temperature.





Solar Thermal

Solar Thermal Hot Water Systems have become increasingly efficient, allowing you to significantly reduce the amount of gas, oil or electricity required to provide hot water to your home.

A well designed system will provide up to 70% of your homes hot water requirements. The system needs very little maintenance and consists of three main components: solar panels or solar collectors, twin coil hot water cylinder and control system.

Solar Thermal Collectors can be installed on a south, east or west facing roof to collect maximum heat from the sun's radiation.

The heat transfer system uses this absorbed energy to heat the water in your new solar thermal cylinder. This highly efficient cylinder stores your hot water and supplies it for later use.

This product qualifies for the Government's **renewable heat incentive (RHI)** due to be introduced. The date is still to be confirmed; with installations before that date receiving back-dated payments.



Takes just 1-3 days to install



No planning permission required





Solar Thermal - the most efficient renewable energy solution on the market....

- Cuts energy bills - the amount dependent on fuel and customer usage
- You only pay once for the system and not for the energy you use
- Produces cost-effective, environmentally-friendly hot water
- Up to 70% of the annual hot water required for a typical household
- Prolongs the life of a boiler by as much as 20% by reducing the time it is in use
- Provides a long system life and minimum maintenance
- Eligible for the Government Renewable Heat Incentive (RHI)
- Reduces household CO₂ emissions by up to 645kg per year
- Provides an extremely reliable means of heating water
- Increases the value of your property





Heat Pumps



We are approved installers for many household named heat pump manufacturers and are specialists in designing highly efficient systems for homes and businesses.

Heat pumps are highly flexible and energy-efficient with a minimal environmental impact - exceeding the CO2 targets required. They also provide significant added value by improving your home's overall energy performance, contributing favourably to your Energy Performance Certificate and improving your star rating as a sustainable home.

Air Source Heat Pumps

These provide all your home's heating and hot water requirements throughout the year - even on the coldest of days.

They operate 3 to 5 times more efficiently than a traditional heating system - drastically reducing fuel bills and avoiding the unacceptably high environmental impact of a normal heating system.

Ground Source Heat Pumps

Ground source heat pumps extract heat from pipes buried in the ground. This can be used to heat conventional radiators or under floor heating systems and hot water. The ground stays at a fairly constant temperature beneath the surface, so a ground source heat pump can be used throughout the year.



How does a Heat Pump work?

Each heat pump, whether it's ground or air source, contains a refrigerant which is pumped around the system by a compressor - changing its state from liquid to gas through an expansion valve, as required.

The refrigerant passes through a heat exchanger, which on an Air Source Heat Pump the air from outside passes through and transfers heat into the refrigerant. On a Ground Source Heat Pump a 'brine' mixture passes through the heat exchanger carrying the heat from the ground and passes its heat into the refrigerant.

The refrigerant passes around the system, then through another heat exchanger, which passes the heat from the refrigerant into water which is then pumped around either a radiator or under-floor heating system to provide heat to the building - and through the hot water tank in exactly the same way as a conventional boiler.

This product qualifies for the Governments **renewable heat incentive (RHI)**.



"We have been delighted with the central heating and hot water provided by our heat pump during the last two winters. The care taken before, during and after the installation was second to none, we would definitely recommend Save Energy."

Mrs O'Brien, Hampshire



Cavity Wall and Loft Insulation



Did you know that a typical semi-detached property experiences heat loss of around 25% from the roof, 10% through the glazing and 35% through the walls? This is YOUR money escaping and being wasted every day, not to mention the impact on the environment. Fitting your home with superior quality loft and cavity wall insulation will save you money and render your home far more energy efficient and friendly.

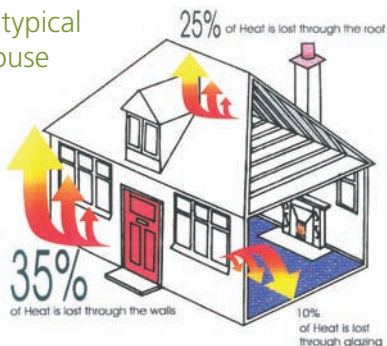
Our Cavity Wall Insulation conserves energy generated in your home and therefore assists in reducing the demand for fuels.

Your Guarantee

Our insulation comes with a CIGA 25 year guarantee from the Cavity Insulation Guarantee Agency.

Heat Loss from a typical semi-detached house

Having Cavity Wall and Loft Insulation fitted will save up to 50% off your fuel bills



Call us on **01202 721188**



Boilers

How old is your boiler? Limescale builds up over time and the harder your boiler has to work the more it is costing you! Boilers have come a long way in enabling you to save energy and therefore money. With tried and trusted names such as Glow Worm and Vaillant you can rely on our systems for years to come.

For a relatively inexpensive outlay you can upgrade your boiler and potentially save thousands of pounds over the lifespan of the product. Your choice of boiler will enable you to add and integrate multiple renewable sources.

Wood Burners

Deciding which wood burner is best suited to your requirements demands experience and understanding of both the technical criteria and design issues. Whether your style is classical or contemporary, modern home, cottage or country house, there is an energy efficient option for you. A calculator will establish the exact option to suit you, taking advantage of natural resources to offer high efficiency heating.

Your wood burner can now link with other renewable energy products. To ensure you have a permanent energy source to tap into talk to us about how we can integrate your system to work in harmony for year round comfort.





Checkatrade.com



A standard you can trust....

People trust Checkatrade because they are fully independent and impartial. They do not offer an opinion on a company or a tradesman - just the relevant facts.

A free service, it gives you, the customer the background information you need to make a confident decision when investing money in your home or business. Everyone who adds content to Checkatrade is just like you, searching for feedback on the right company for them.

✓ Recommended

✓ Vetted

✓ Monitored

SAVE ENERGY GROUP



"This is an excellent company. Every member of the company we met was supportive and helpful. They gave genuine, intelligent advice and help on all levels, from the planning stage, explaining the system, through to filling in our forms and making sure they were sent off properly. The roof looks amazing. The fitting engineers were excellent. It's the best looking PV roof I've ever seen - and it works! Brilliant!"

Customer in Dorchester, 23 February 2012

Call us on **01202 721188**



Our Goal

- To grow through a reputation for customer satisfaction
- Not to become the largest, but the best
- To provide sound, impartial advice
- To always offer the latest technologies
- To provide the best products
- To deliver bespoke, high quality installations

Our Promise

- To provide the same professional and respectful service that we would want for ourselves
- To never pressurise our customers or make false claims
- To walk away from an installation if not financially viable for the customer

Our Commitment

- To always provide competitive prices in today's market
- To provide a dedicated, professional workforce
- To never forget you have a choice



Call our friendly consultants on
01202 721188 or
0800 458 8242

SOLAR PHOTOVOLTAIC
SOLAR THERMAL & SOLAR PVT
AIR & GROUND SOURCE HEAT PUMPS
ENERGY EFFICIENT BOILERS & WOOD BURNERS
CAVITY WALL & ROOF INSULATION
COMMERCIAL & RESIDENTIAL SOLUTIONS

FULL CONSULTATION, DESIGN & INSTALLATION

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SCAN ME!