



## Building Energy Rating

### Our Services:

- Domestic BERs
- Commercial BERs
- Airtightness testing
- Thermal imaging surveys
- Home improvement reports
- Display Energy Certificates
- Energy efficient refurbishment
- Renewable and alternative energy
- Design consultancy

Energy Solutions provide certified air tightness test reports to EN13829 for residential and commercial buildings

**Building Energy Rating (BER)** is a standard method of assessing the energy efficiency of buildings.

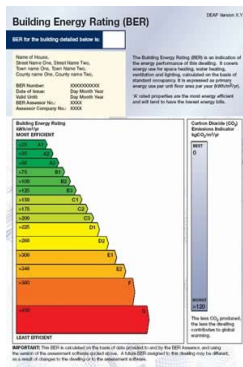
**All buildings offered for sale or for rent must be provided with a Building Energy Rating (BER) Certificate.**



**Energy Solutions** offers a prompt, professional, competitive and high quality BER service for domestic and non-domestic buildings. We are fully indemnified and have rigorous quality procedures to ensure the quality and accuracy of our BERs.

We have been advising architects, builders and building owners since 2004 on BER and energy efficiency and were one of the first Qualified and Certified BER Assessors in Ireland for dwellings and for commercial buildings. If you are designing, constructing, selling or letting a building we can provide you with a cost effective BER service.

**BERs for dwellings** require a dimensional survey of the dwelling (where plans are not available) and the entry of over 70 data points into the customised software. Energy solutions uses the most up to date surveying technology and techniques and can provide additional services such as floor plans, specification and project management for property upgrades and grant applications.



**Commercial BERs** must be carried out by building energy professionals and the assessment includes comprehensive details on plant room, HVAC systems and efficiencies.

A non domestic BER assesses the buildings intrinsic energy efficiency based on standard usage assumptions.

In addition to commercial BERs we provide feasibility studies for renewable and alternative energy sources (as required for new buildings over 1000 m<sup>2</sup> by the EPBD), comprehensive energy audits detailing occupational energy use and energy use monitoring and reporting.

Contact us or visit our website [www.energysolutions.ie](http://www.energysolutions.ie) for details of our domestic and non domestic BER service and costs.

**We offer substantial discounts for multiple units and bulk bookings.**



## Building Energy Services

*€200 grants towards the cost of two building energy ratings – one before implementing energy efficiency measures and one after*

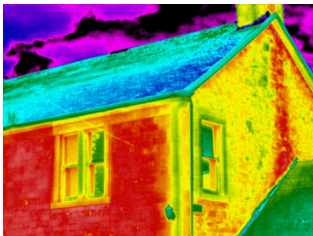
*An Energy Solutions Home Energy Survey Report provides the most economic route to a more efficient and comfortable house*

*The average household in Ireland uses 25,000 kWh of fuel and electricity each year. At current prices this costs in the region of €1,800 per annum.*

Our **blower door air tightness testing service** complements our BER and design advisory services.

Up to 20% of heat is lost through unwanted air leaks. An air tightness test can identify leaks which can be easily sealed. This is a low cost way of reducing energy demand and energy bills by 10% or more.

**Air tightness testing has been mandatory** for all new dwellings since the 1st of July 2008 to confirm compliance with part L of the Building Regulations.



A **Thermal Imaging Survey** will identify hot & cold areas of building surfaces. This indicates the level and quality of insulation, quality of workmanship, thermal bridging & identifying the presence of cold spots which can give rise to condensation problems.

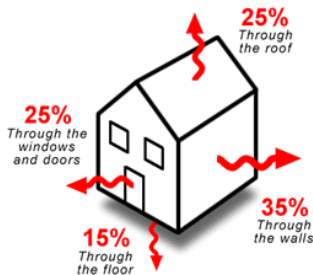


Our air tightness and thermal imaging reports clearly identify areas of energy loss and how to improve energy efficiency for both new and existing houses.

### Energy Efficient Refurbishment

*“€50 million in grants to help home owners to upgrade their home”.*

Depending on the age and condition of your house and heating system, very significant energy cost savings are achievable through cost effective insulation and efficiency upgrades. There are grants available for efficiency upgrades through the Government’s Home Energy saving Scheme.



An Energy Solutions’ **Home Energy Survey** report details the existing energy efficiency of your house and details the most cost effective improvements.. We guide our clients through the options and assist with selecting the most suitable refurbishment project.

Energy Solutions provides **specification and installation management services** to ensure that whatever energy efficient refurbishment project you choose are designed and installed efficiently and to a high level of quality.

We can also assist with Government grant applications for efficiency upgrade works and ‘before & after’ BER certificates.



Contact us or visit our website [www.energysolutions.ie](http://www.energysolutions.ie) for information on our services and ways we can help you save energy.