

# HOME ENERGY EFFICIENCY REPORT

89 FIRST AVENUE, MELBOURNE, VIC, 3000

DATE OF REPORT

DD Month Year



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 Val.AI™

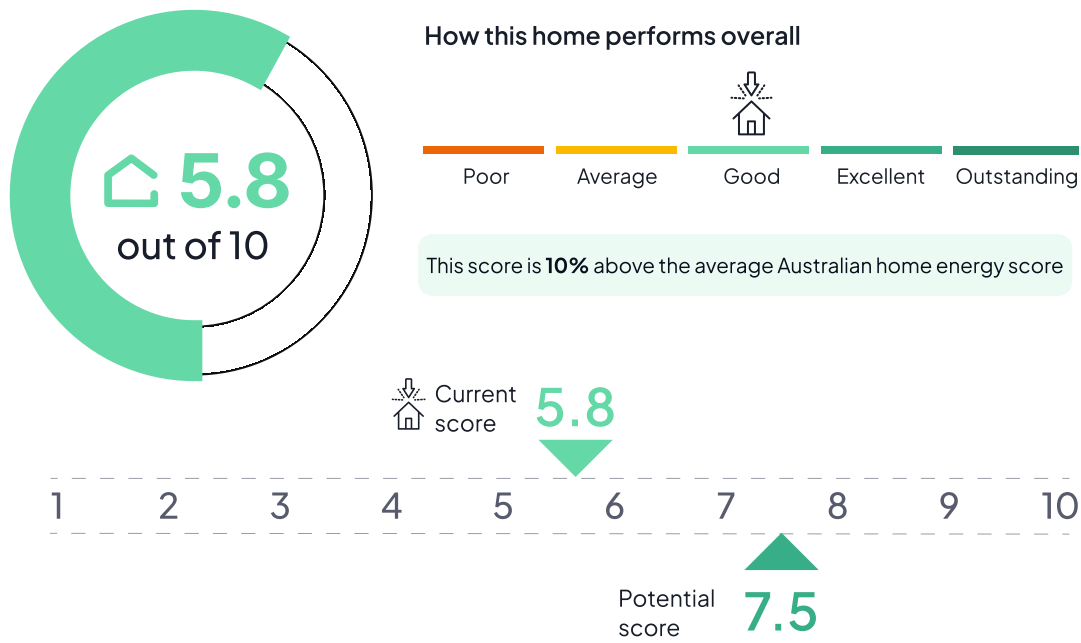
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### What does my home energy efficiency score mean?

The home energy efficiency score is a measure of how much energy the home uses, indicated by the energy performance, and how well the home utilises that energy, indicated by the structural performance. The score is determined based on the answers provided in the assessment, ranked against known structural and energy related factors. Of these, some of the primary contributors to the score are:

- Size**  
Size of the home
- Age of Home**  
Including latest major renovation
- Building Materials**  
What the home is made up of
- Insulation**  
The home's ability to retain its temperature
- Heating & Cooling Type**  
How the home is heated and cooled

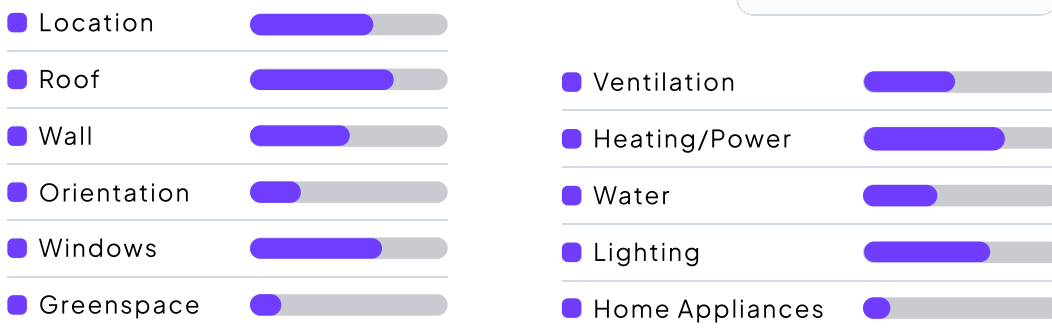
### Home Energy Efficiency Score



### Property Details

- 89 First Avenue, Melbourne, VIC, 3000
- Building Area (m<sup>2</sup>)**  
877
- Land Area (m<sup>2</sup>)**  
130
- Year Built**  
1977
- Bathrooms**  
2
- Bedrooms**  
3
- Number of Occupants**  
4
- Car Accommodation**  
Double Garage
- Property Type**  
Detached
- Year of last major renovation**  
-


### HOME ENERGY EFFICIENCY SCORE BREAKDOWN





 **Energy Efficiency Attributes**




**What do the energy efficiency attributes mean?**  
Energy efficiency attributes refer to current specific features, characteristics, or qualities that a property has. These attributes function in a manner that is environmentally responsible, comfortable, and affordable over the long term.

Solar Panels 	Home Battery 	Heating & Cooling Heat Pump 	Heat Pump Water Heater 
Eco-friendly Lighting 	Insulation and Thermal Efficiency 	Glazed Windows / Low-E Glass 	Electrified Home (No Gas) 

 **Estimated Yearly Energy Costs** Bill was sighted ✓

<b>This home</b>		\$2,760
Comparable homes		\$2,400 average spend


**Cost breakdown**

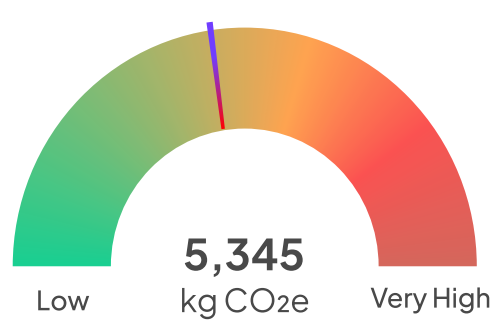
Electricity 	\$1,560
Water 	\$600
Gas 	\$600

**You spend more than the average home on utility bills**

Your estimated yearly energy costs are calculated based on the information you provided from your energy bills. If not supplied, we have estimated from inputs such as; building materials, number of occupants, size and age of the home, electricity and gas usage, and the way you heat and cool your home.

Please note: bill excludes daily service fee

 **Estimated Yearly CO<sub>2</sub> Generation**



**↓ 8%** lower than other Australian households

**How do we calculate your yearly carbon footprint?**  
We take your actual or estimated yearly energy costs, factor in your home's size, the number of occupants, and specific property features. From there, we translate this data into the equivalent amount of greenhouse gases produced to supply that energy to your home.

## Home Structural Recommendations

Enhancing the structural components of your home helps in reducing energy consumption but also contributes to a comfortable living environment. Here are the top home improvements our recommendation engine has identified for your property to reduce your energy bill and elevate your home's energy efficiency score.

Your specific needs may vary based on your exact location, the orientation of your house, and other factors, so it's always a good idea to consult with a local expert.

 Need help reading your home recommendations? Refer to the last page of this report.



ENVIRONMENTAL IMPACT



### Ceiling Insulation

Install ceiling insulation to keep your home cooler in summer and warmer in winter, reducing your energy usage and costs.

Ceilings can contribute to up to 35% of heat loss in winter or heat gain in summer. Installing or upgrading your ceiling insulation may improve the comfort of your home year-round.

BUMPS YOUR SCORE TO

0.0



POTENTIAL SAVINGS

\$000 per year



Excludes grants and rebates\*

AVERAGE COST OF INSTALLATION

\$0000



PAYBACK PERIOD IN YEARS

0.0



ENVIRONMENTAL IMPACT



### Window Glazing

In the peak of summer, windows can account for a substantial 35% heat gain. Conversely, during the colder months, they can be responsible for a loss of up to 30% of interior warmth.

Upgrading to double or triple glazing, enhancing window treatments, and/or improving external shading, may drive down energy costs.

BUMPS YOUR SCORE TO

0.0



POTENTIAL SAVINGS

\$000 per year



Excludes grants and rebates\*

AVERAGE COST OF INSTALLATION

\$0000



PAYBACK PERIOD IN YEARS

0.0



ENVIRONMENTAL IMPACT



### Draught-Proofing

Over time, gaps can appear in places like windows, doors, wall vents, chimneys, floorboards, older down lights, and even around pet doors. Prioritise sealing these to stop draughts and to maintain a consistent indoor temperature, and enhance overall home comfort.

Consider products specifically designed for draught-proofing, such as weather strips, door seals, window seals, caulking or gap filler, vent covers, floorboard sealant, downlight covers, and draught stoppers.

BUMPS YOUR SCORE TO

0.0



POTENTIAL SAVINGS

\$000 per year



Excludes grants and rebates\*

AVERAGE COST OF INSTALLATION

\$0000



PAYBACK PERIOD IN YEARS

0.0






ENVIRONMENTAL IMPACT



### Floor Insulation

As much as 20% of a home's heat can be lost or gained via the flooring. For floors with underlying spaces such as homes with timber stump footing, insulation or reflective foil is an option.

For homes with concrete slab floors where insulation isn't feasible, alternative measures can be taken, such as laying down a rug during colder months, enhancing window treatments or improving heating efficiency.

BUMPS YOUR SCORE TO 

**0.0**

POTENTIAL SAVINGS   
Excludes grants and rebates\*

**\$000** per year

AVERAGE COST OF INSTALLATION 

**\$0000**

PAYBACK PERIOD IN YEARS 

**0.0**




ENVIRONMENTAL IMPACT



### Wall Insulation

Upgrading the R value of your wall insulation can significantly improve your home's thermal performance, leading to more consistent indoor temperatures year-round.

This upgrade can potentially reduce energy costs, as less heating or cooling will be required. Additionally, a higher R-value insulation can also provide enhanced soundproofing, contributing to a quieter indoor environment.

BUMPS YOUR SCORE TO 


**0.0**

POTENTIAL SAVINGS   
Excludes grants and rebates\*

**\$000** per year

AVERAGE COST OF INSTALLATION 

**\$0000**

PAYBACK PERIOD IN YEARS 

**0.0**

## Home Energy Recommendations

Enhancing the energy systems in the home reduces monthly bills, increases property value, and promotes a sustainable, eco-friendly living environment, and offers the potential to achieve a net-zero living standard.

Here are the top home improvements our recommendation engine has identified for your property to reduce your energy bill and elevate your home's energy efficiency score.

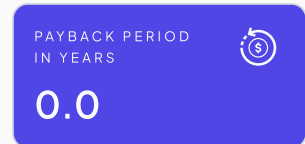
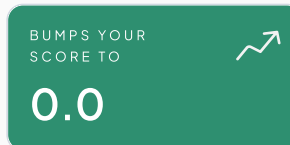
 Need help reading your home recommendations? Refer to the last page of this report.



### Get off Gas

Switching from gas to electric heating promotes energy efficiency and reduces household energy use. Additionally, transitioning to reverse-cycle air conditioning and implementing energy-saving measures like insulation can lead to significant savings. Prioritising electric solutions also aligns with health and environmental considerations.

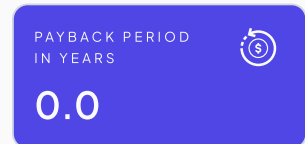
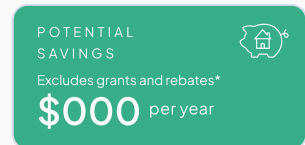
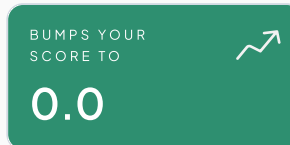
Recommended upgrades to electrify your household include induction cooking, heat pump hot water system, and high-efficiency label heating and cooling appliances.



### Solar

By harnessing the power generated on your own roof, you can save hundreds of dollars annually on electricity bills and become less dependent on the power grid. Not only does this provide financial relief, but it also promotes an environmentally conscious lifestyle by reducing your carbon footprint.

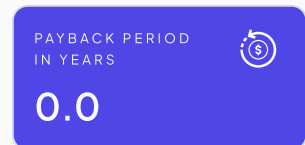
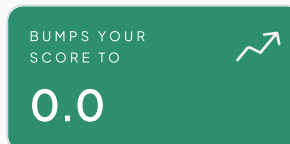
In Australia, the added advantage is the availability of government incentives, which offset initial installation costs, making solar panels a smart and sustainable long-term investment.



### Home Battery

Installing a home battery enables the storage of excess solar power for use during peak hours or power outages, ensuring energy self-sufficiency and blackout protection.

Additionally, it offers financial benefits by providing homeowners the opportunity to sell surplus energy back to the grid and take advantage of time-based tariffs.



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ENVIRONMENTAL IMPACT



### Lighting

Upgrading to LED lighting can offer substantial energy savings. LEDs consume significantly less power than traditional incandescent or halogen bulbs. This leads to lower electricity bills over time.

LEDs also have a much longer lifespan, reducing the frequency and cost of bulb replacements.

BUMPS YOUR SCORE TO

0.0



POTENTIAL SAVINGS

\$000 per year



Excludes grants and rebates\*

AVERAGE COST OF INSTALLATION

\$0000



PAYBACK PERIOD IN YEARS

0.0



ENVIRONMENTAL IMPACT



### Heating & Cooling

By choosing the right heating and cooling solutions, you can significantly reduce your energy consumption, leading to substantial savings on your electricity bills.

A reverse cycle air conditioner not only cools your home during the hot summer months but also warms it during the chilly winter season. For optimal efficiency and sustainability, consider upgrading to a unit with a higher efficiency rating label.

BUMPS YOUR SCORE TO

0.0



POTENTIAL SAVINGS

\$000 per year



Excludes grants and rebates\*

AVERAGE COST OF INSTALLATION

\$0000



PAYBACK PERIOD IN YEARS

0.0



ENVIRONMENTAL IMPACT



### Heat Pump Hot Water System

A heat pump hot water system uses renewable energy to efficiently heat your water, eliminating the need for solar panels. By absorbing heat from the surrounding air, it provides a sustainable and cost-effective solution for your home's hot water needs.

When choosing a hot water system, consider the heat pump for its superior efficiency compared to electric and traditional gas systems.

BUMPS YOUR SCORE TO

0.0



POTENTIAL SAVINGS

\$000 per year



Excludes grants and rebates\*

AVERAGE COST OF INSTALLATION

\$0000



PAYBACK PERIOD IN YEARS

0.0





ENVIRONMENTAL IMPACT



### Water Efficiency

Installing a low-flow shower head not only reduces water consumption, especially costly hot water, but also leads to savings on water and energy bills. It diminishes wastewater produced by homes, and with less energy for heating, it reduces CO<sub>2</sub> emissions.

The reduced strain on water heaters can prolong their lifespan, preventing early replacements. These affordable shower heads offer a short return on investment, with the potential to recover the initial cost within months.

BUMPS YOUR SCORE TO



0.0

POTENTIAL SAVINGS



Excludes grants and rebates\*  
**\$000** per year

AVERAGE COST OF INSTALLATION



\$0000

PAYBACK PERIOD IN YEARS



0.0



ENVIRONMENTAL IMPACT



### Rainwater Tank

Rainwater tanks are a versatile solution for home efficiency. Beyond just toilets, they can be used for washing clothes, watering gardens, and cleaning cars, reducing reliance on mains water and lowering bills.

By harnessing rainwater, these tanks not only contribute to efficient water management but also lessen the demand on our drinking water resources.

BUMPS YOUR SCORE TO



0.0

POTENTIAL SAVINGS



Excludes grants and rebates\*  
**\$000** per year

AVERAGE COST OF INSTALLATION



\$0000

PAYBACK PERIOD IN YEARS



0.0



## Ready to take action on your home efficiency journey?



As a recipient of this report, **you are eligible for a \$149 discount on relevant RACV Trades or RACV Solar work** if you choose to carry out any of the recommendations within the next 6 months\*.

### Want to get more out of your personalised report?

[Arcline by RACV](#) can help you learn more about reducing your energy bills and making the right home improvements. Our website is a hub of information and a great place to start. It features articles, tips, and resources to guide you on your home energy efficiency journey. Through RACV, you also have access to:

- **Qualified tradespeople for urgent and everyday jobs**

Whether you're an RACV Member or not, we have expert plumbers, electricians, locksmiths, carpenters, painters, and more here to help. Trades are available 24/7 for common home emergencies, plus, you can easily get quotes for everyday jobs around the home.

To learn more about RACV trades or obtain a quote, please visit [www.racv.com.au/trades](http://www.racv.com.au/trades)

- **Solar experts who can create a solution to meet your needs**

If you are after solar panels, battery storage, hot water heat pumps, or electric vehicle charging, our in-house team can recommend a solution that's tailor-made for you.

To learn more about RACV solar or obtain a quote, please visit [solar.racv.com.au/get-a-quote](http://solar.racv.com.au/get-a-quote)

### We're here to help

Our friendly team is available to answer any additional questions you may have. You can call or email us for support or visit our website for more information.

 1300 340 000  [energyefficiency@racvtrades.com.au](mailto:energyefficiency@racvtrades.com.au)  [arcline.com.au/energy-efficiency/guide](http://arcline.com.au/energy-efficiency/guide)

*\* This discount applies to invoices of \$500 inc. GST or more. The voucher must be redeemed within 6 months of the Assessment date. For full redemption Terms & Conditions, visit [arcline.com.au/energy-efficiency/terms](http://arcline.com.au/energy-efficiency/terms). RACV Trades is a trading name of RACV's trade partner, Club Home Response Pty Ltd. All works are performed or arranged by Club Home Response Pty Ltd. trading as RACV Trades.*

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## WHAT DOES EACH HOME RECOMMENDATION SHOW?



## Disclaimers

To ensure the home energy efficiency rating presented in this report is accurate, we recommend that further investigations be undertaken by professional consultants, such as (but not limited to) an accredited NatHERS assessor, a registered property valuer, accountant, financial lender or bank, council planner, architect and/or builder, and real estate agent.

The costs provided in our application for items such as solar panels, insulation, and other home investment products are based on average market prices and are intended for informational purposes only. These estimates do not constitute a formal quote or guaranteed price, as actual costs may vary depending on a variety of factors including location, supplier, product specifications, installation, and current market conditions. We strongly recommend seeking quotes from reputable suppliers or professional service providers in your area to obtain a precise cost tailored to your specific needs. While we strive to keep the information up-to-date and accurate, we cannot guarantee the completeness, reliability, or timeliness of the data, and we accept no liability for any loss or damage arising from reliance on the information provided in our application.

The home energy efficiency assessment conducted by Home Trades Hub Australia (HTHA) is based on observed conditions and information provided to the assessor at the time of inspection. Results and recommendations are meant to serve as general guidance and do not constitute professional engineering or architectural advice. Actual performance and savings may vary. Consult with a licensed professional for specific recommendations tailored to your property.

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