

*We take the hard work
out of solar power*

**Solar
Solutions**



Want to switch to solar power?

We make the decision easy

At TRUenergy, we know that the decision to make the switch to solar power can be daunting with all of the options available to you. So we've developed this guide to help you understand how solar power works, and give you all the information you need to help you make the right choice.

Save money with solar power

By converting to solar power, you could save hundreds of dollars every year on your electricity bills¹. Having a solar system is a lot like having a mini power station on your roof. Not only do you generate your own power, but what you don't use you sell back to the grid when you have a bi-directional meter installed.

What's more, solar electricity does not produce carbon emissions - making it one of the cleanest power sources.

TRUenergy Solar Solutions: more products to choose from

Depending on your energy usage, we've got solar system packages that'll suit both your home and your budget. The principles of how solar panels create electricity are simple, and we think the process of buying a solar system should be too.

Which is why we're offering to make the switch to solar power easier for you by taking care of the installation and the government rebate paper work for you.

Less numbers to call

Choose a TRUenergy Solar Solution for your home and you'll only have to call one number. It's our commitment to making the switch to solar power as simple and easy as possible.

Call 1800 006 501 and you'll find our team will be ready to answer all your questions.

Or you can visit truenergy.com.au/solarsolutions to learn more about how we can find the right solar solution for your home.

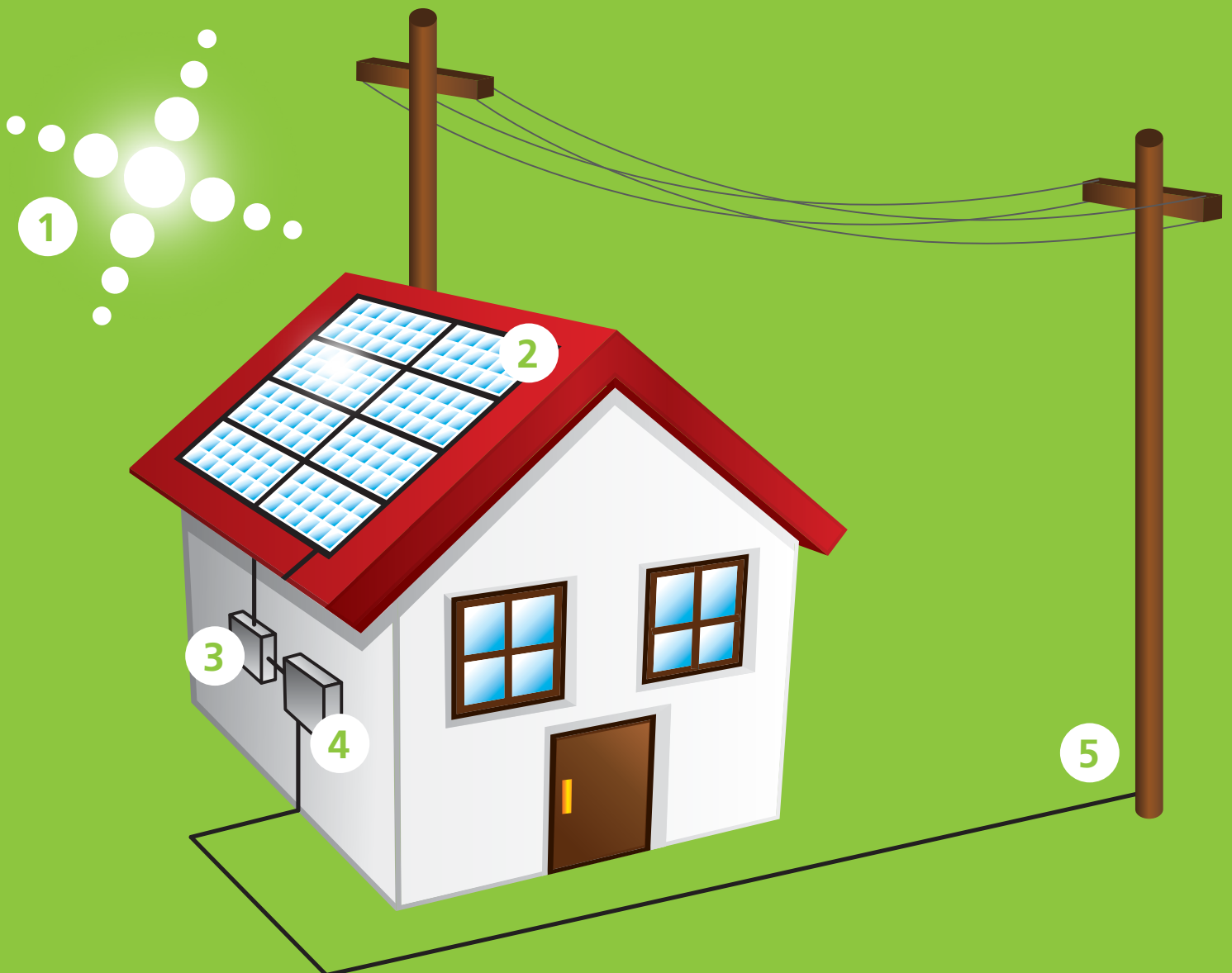
Call us today on 1800 006 501



How solar power works

Whilst the technology behind solar power may seem complex, the process of converting sunlight into electricity is quite simple.

- 1. The sun.** Sunlight contains energy.
- 2. Solar panels.** Solar panels mounted on the roof have photovoltaic cells. When sunlight falls on these cells they convert the sun's energy into DC power.
- 3. The inverter.** The inverter changes the power from DC to AC, the most common type of electricity used for households.
- 4. The electricity meter.** A bi-directional electricity meter that can measure both the power you use and the power you send back to the grid, measures power consumption in half hour intervals. The excess power you don't use is sold back to the grid. This is called the feed-in tariff and can vary depending on your electricity retailer.
- 5. Electricity grid.** Your home is connected to the electricity grid. Surplus energy you generate is fed back into the grid, and when you need additional power the grid will provide this.



Our products

Solar Power Kit

TRUenergy offers a wide range of solar system configurations to meet your needs, ranging from a 1.48kW system up to a 5kW system. Ask us about inverter upgrade options!

Your package includes:

Panels

- High efficiency solar panels
- 5 year manufacturing warranty
- 25 year power output warranty (guaranteed at 80% efficiency)

Inverter:

- SMA German manufactured inverter
- High efficiency
- 5 year inverter warranty

Installation:

- Fully installed system by Clean Energy Council (CEC) accredited installers
- 12 month installation workmanship warranty



Call 1800 006 501 for a quote today

Phone 1800 006 501 to speak to one of our Solar Solutions Consultants to receive a no obligation quote over the phone, or visit our website www.truenergy.com.au/solar-power and leave your details for a call back at a more convenient time.

About our products

Trina Panels

Trina Solar is one of the leading solar module manufacturing companies worldwide. With a focus on quality, Trina has provided many customers worldwide with clean and reliable solar power for residential grid connected solar power systems. All panels come with a manufacturing warranty of 5 years and a power production warranty for 25 years guaranteed at 80% power output.

Suntech panels

Suntech is one of the world's leading manufacturers of crystalline photovoltaic modules, the most common type of solar panel. All Suntech modules have passed rigorous quality control, thereby meeting the highest international standards. They have a modern design and the entire module is certified to withstand high wind loads. All systems come with a 25 year transferable power output warranty guaranteed at 80% power output.

SMA Inverter

German company SMA manufacturer one of the world's most popular grid connect inverters in Germany. As the heart of a solar system, having a high quality inverter is critical for reliable energy production. The main features include - maximum power point tracking, extended temperature range and electronic safety switch. The SMA Inverter comes with a standard 5 year warranty.

Longevity

With no moving parts, solar panels are incredibly long lasting. The working life of many solar panels can be up to 30 years, offering great value for money.

The installation process

One number to call

TRUenergy Solar Solutions make switching to solar power simple. With one phone call we can talk you through the solar product options and find a solution for you. Plus we'll organise installation, government rebates and do the required paperwork. To access a feed-in tariff, you need a bi-directional meter that can measure both incoming and outgoing power. This can only be installed by an electricity distributor and carries an additional cost. Fortunately, TRUenergy can also assist you with organising your meter change over.

If you currently have off-peak rates for hot water and heating, or peak/off peak tariffs, changing your meter may affect these rates.

Call 1800 006 501 and one of our Solar Solutions consultants will explain any changes and additional charges and talk you through the process.

Switch today

Call TRUenergy Solar Solutions and we'll conduct an assessment over the phone to ensure your home is suitable, and answer any questions.

We'll then arrange the entire installation process and paperwork for you.

One phone call is all it takes. Its that easy!



Save money with solar power

To help you understand the various rebates on offer, we've broken them down into two categories. The first is the discount you'll get at the time of purchase known as Small-Scale Technology Certificates or STCs (when you assign the STCs to TRUenergy). The second is the ongoing returns you'll get year after year, potentially for the life of your solar panels.

Upfront rebates

STCs are electronic certificates, created when an eligible solar power system is installed. The larger the solar system, the more STCs it receives. The STCs you earn from installing a solar system can be assigned to the supplier of your system, effectively giving you a discount off your purchase price.

Solar credits

Installing solar panels is now even more affordable thanks to the Federal Government's solar credits scheme. Solar credits work like upfront discounts for purchasing solar panels. Solar credits multiply the number of STCs your system can create. .

Recent changes to the solar credits scheme take effect on 1 July 2011. While systems installed between 9 June 2009 and 30 June 2011 will give a multiplier of five, the multiplier reduces by one each financial year until 1 July 2014 when no multiplier will apply.

Schedule of Solar Credits multipliers

The table below sets out the schedule of multipliers which determines the additional certificates an eligible solar panel system could create. For systems connected to a main electricity grid solar credits apply to the first 1.5 kilowatts of installed capacity.

Date Installed	9 June 2009 - 30 June 2011	1 July 2011 - 30 June 2012	1 July 2012 - 30 June 2013	1 July 2013 - 30 June 2014	1 July 2014 onwards
Multiplier	5	4	3	2	No Multiplier (1)

Source: <http://www.climatechange.gov.au/government/initiatives/renewable-target/fs-solar-credits-small-scale.aspx>

For more detailed information on Solar Credits ask our Solar Solutions consultants or visit the government website (www.climatechange.gov.au)

Ongoing returns

Solar energy 'payback' is the period of time it takes for a solar system to pay for itself. This is calculated by adding together the savings on your electricity costs that your solar system generates each year. According to the Clean Energy Council, a Melbourne household with a 1.5kW system that feeds:

- 30% of electricity into the grid can save up to \$631; and
- 50% of electricity into the grid can save up to \$788 a year¹.

Actual savings will vary depending on your energy usage.

Feed-in tariffs

When a solar system generates more electricity than a household uses, the excess power is fed back into the grid, earning you extra credits on your electricity bill. This is known as a feed-in-tariff.

With a bi-directional meter installed, 'feed-in tariffs' reward you for generating your own renewable energy, by paying you for the power you feed back into the grid. You will need to contact your electricity provider to ensure you are on a 'feed-in-tariff' electricity plan.

In Victoria, the government has set the premium feed-in tariff at 60 cents per kilowatt-hour. If you are a TRUenergy customer we will pay an additional 6 cents per kilowatt-hour. This rebate applies to systems under 5kW.[¥]

66 cents may not sound like a lot, but it's over two times the standard retail rate for electricity. It's estimated that the average 1.5kW system generates 2,000-kilowatt hours a year.* Even if only 500 kW hours was exported back to the grid that could still mean a premium feed-in tariff return of \$330 annually. Victorian legislation only requires that customers receive a credit on their bill, not a cash payment for their excess power.

The premium feed-in tariff will continue until 2024. However, once the total capacity of all household solar systems reaches 100 megawatts, the scheme will be closed to new customers.[†] Capacity hasn't been reached yet, but it is best to get in early before the situation changes.

If you do not qualify for the premium feed-in tariff, you may qualify for the standard feed-in tariff. If you are a TRUenergy customer, the standard feed-in tariff will be the same tariff at which you pay TRUenergy to consume electricity.

Payback

Solar energy 'payback' is the period of time it takes for a solar system to pay for itself. This is simply calculated by adding together the savings on your electricity costs that your solar system generates each year.

* Clean Energy Council Information Pack www.cleanenergycouncil.org.au/cec/resourcecentre/Consumer-Info/solarPV-guide

† Assuming average sized systems of 1 to 1.5kW, an estimated 100,000 solar powered households, community organisations and small businesses across Victoria will potentially be able to benefit. Source

¥ For more information on premium feed-in tariff qualification criteria visit www.dpi.gov.au/energy

A Melbourne household with a 1.5kW system that feeds 30% electricity into the grid can save up to \$631 a year¹



1. Actual savings will vary depending on factors such as your energy usage, eligibility for the premium feed-in tariff, weather conditions and the position and tilt on your roof. Clean Energy Council Information Pack <http://www.cleanenergycouncil.org.au/dms/cec/resource-centre/Solar-PV-consumer-guide/solar%20PV%20consumer%20guide.pdf>
2. Assuming average sized systems of 1 to 1.5kW, an estimated 100,000 solar powered households, community organisations and small businesses across Victoria will potentially be able to benefit. Source: http://new.dpi.vic.gov.au/__data/assets/pdf_file/0008/16289/FIT-Fact-Sheet-Sept-09.pdf