



ARCHER
RENEWABLE
EMPOWERING THE FUTURE, TODAY!

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ARCHER SOLAR'S **SPECIALIST** **GUIDE** TO ROOFTOP SOLAR

This handbook is a comprehensive guide that provides homeowners with all the essential information they need before switching to solar.

Most Frequently Asked Questions, Answered by Archer Solar's Experts!



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Why should you consider investing into solar?

If you're tired of increasing electricity costs and want a permanent solution for the **next 25 years**, than investing into solar is the way to go.

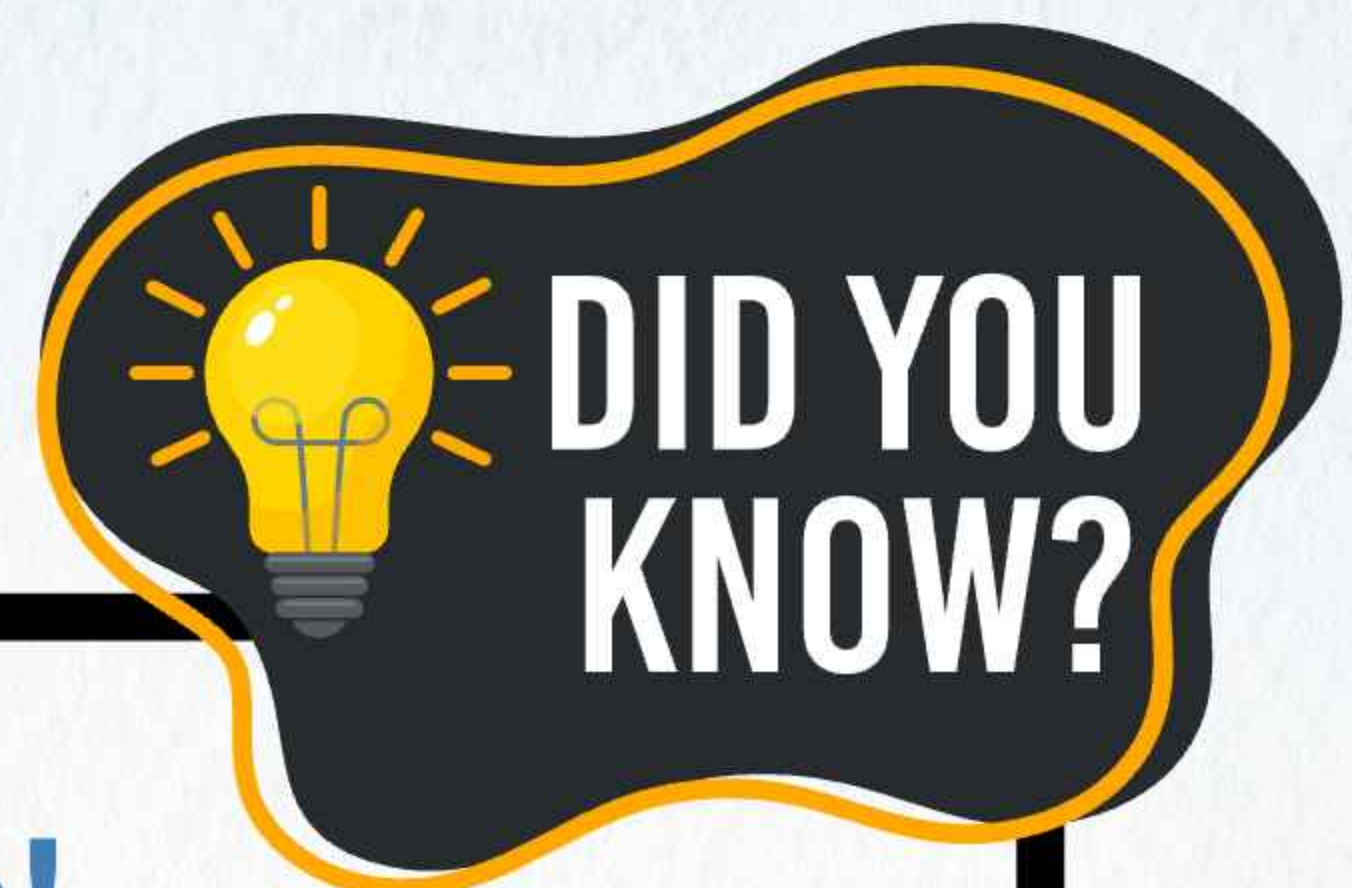
Here is visual representation:

Average electricity tariff rate in Gujarat is around ₹7.5, lets assume you monthly electricity bill is ₹3000.

According to your monthly bill, your annual electricity bill will be ₹36,000.

A 3kw System is a perfect size for your needs. A 3kw system approximately costs around ₹1,80,000, on top of that PM Surya Ghar Scheme offers a subsidy of ₹78,000. Making the final amount of only ₹1,02,000.

On Average 3kw system generate 5000 units annually, saving you ₹37,500. Basis on this you will pay of the system within in 3 years, making electrcity free for next 22 years and more.



Electricity Rates Will Double!

Electricity costs are on a steep rise, and it's something no homeowner can avoid. In the next 5 years, many families may find themselves paying nearly double what they are today for electricity.



MORE BENEFITS OTHER THAN SAVINGS



1 RELIABLE AND CONSISTENT POWER

With solar, your home will be powered by the sun—an unlimited, free source of energy—keeping you insulated from future price hikes and providing long-term financial security.

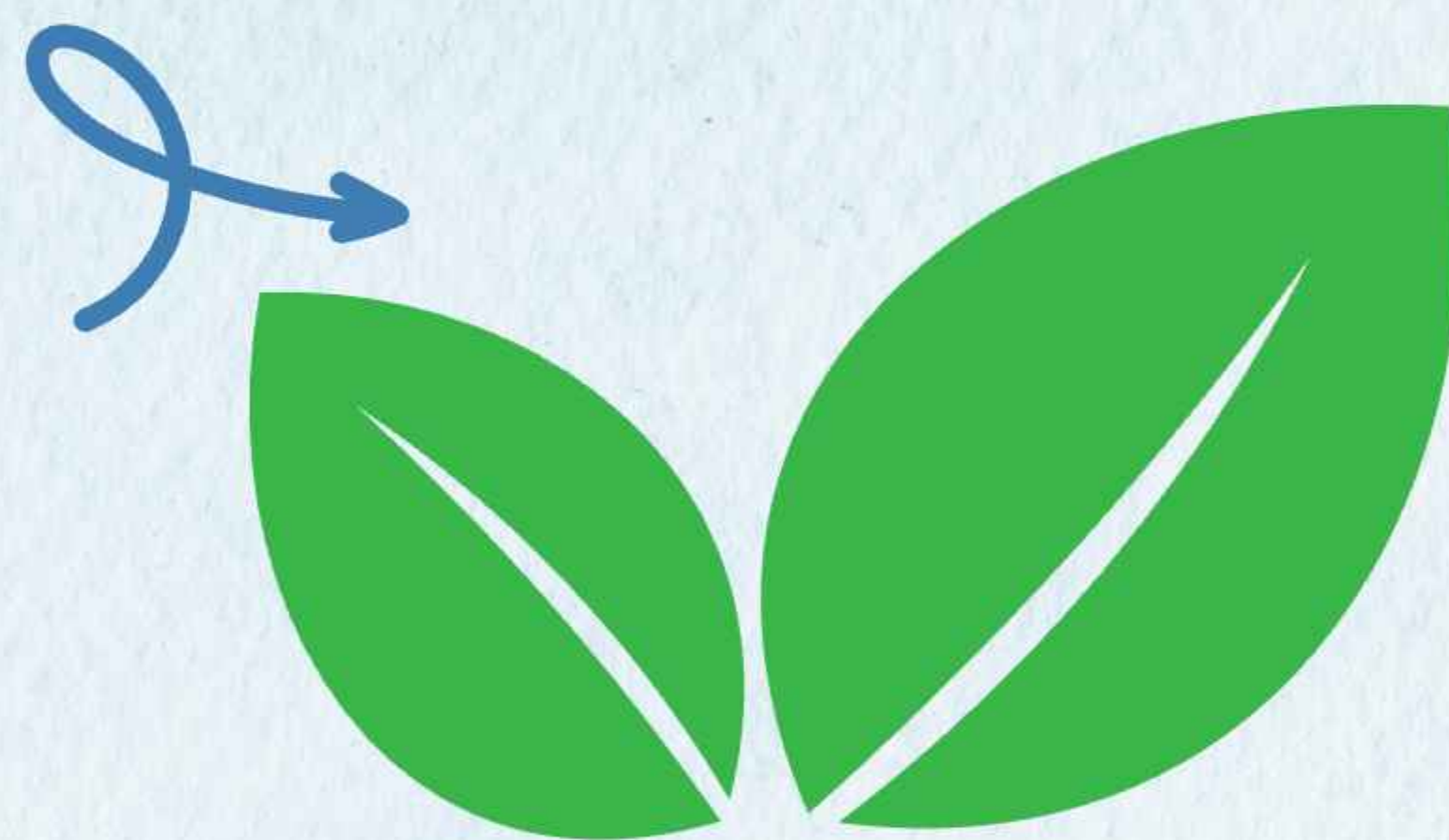


2 ENERGY INDEPENDENCE HOMEOWNER

With solar, you'll generate your own electricity using the power of the sun for the next 25 years. This gives you access to free energy, reducing or even eliminating the need to buy power from the grid, making you an energy-independent homeowner.

3 CONTRIBUTION TO ENVIRONMENT

Beyond the financial savings, switching to solar helps you reduce your carbon footprint. You're tapping into a clean, renewable energy source, which reduces your dependence on fossil fuels and supports India's push towards sustainable energy.



4 PROPERTY VALUR & RENT INCREASE

Homes with solar systems are more attractive to buyers and renters, often allowing you to command higher property prices and rental income.





Importance of Choosing Correct Size Of System

Solar Can Get Your Power Bill to Net Zero – But System Size Matters. Solar energy has the potential to reduce your electricity bill to virtually zero. However, selecting the correct system size is crucial. If you install a system that doesn't fully cover your daily energy needs, you may still end up with a power bill. It's important to properly evaluate your consumption and choose the right capacity to enjoy maximum savings.



Consider Your Power Consumption

To determine the right solar system size for your home, start by reviewing your power consumption. The first step is to look at your electricity bills from the past year and estimate your average yearly or six-month energy usage. This will give you a clear idea of how much energy you need, helping you choose a solar system that matches your requirements and maximizes savings.

To easily determine the solar system size you need based on your energy usage, use this simple formula:

Assuming Your yearly consumption is 5000 unit/year

Let's first calculate the daily consumption = $5000/365$ (days)

= 13.69(Unit)daily consumption

On average a 1 Kw of solar system generates approximately 4.5 units

= $13.69 / 4.5$ units

= 3.04kw system size is

required to achieve net-zero power bill





Here's a concise guide for maintaining peak solar performance

Maintaining your solar panel system is crucial to ensure it operates at peak efficiency and delivers the maximum return on your investment. **Regular maintenance should include:**

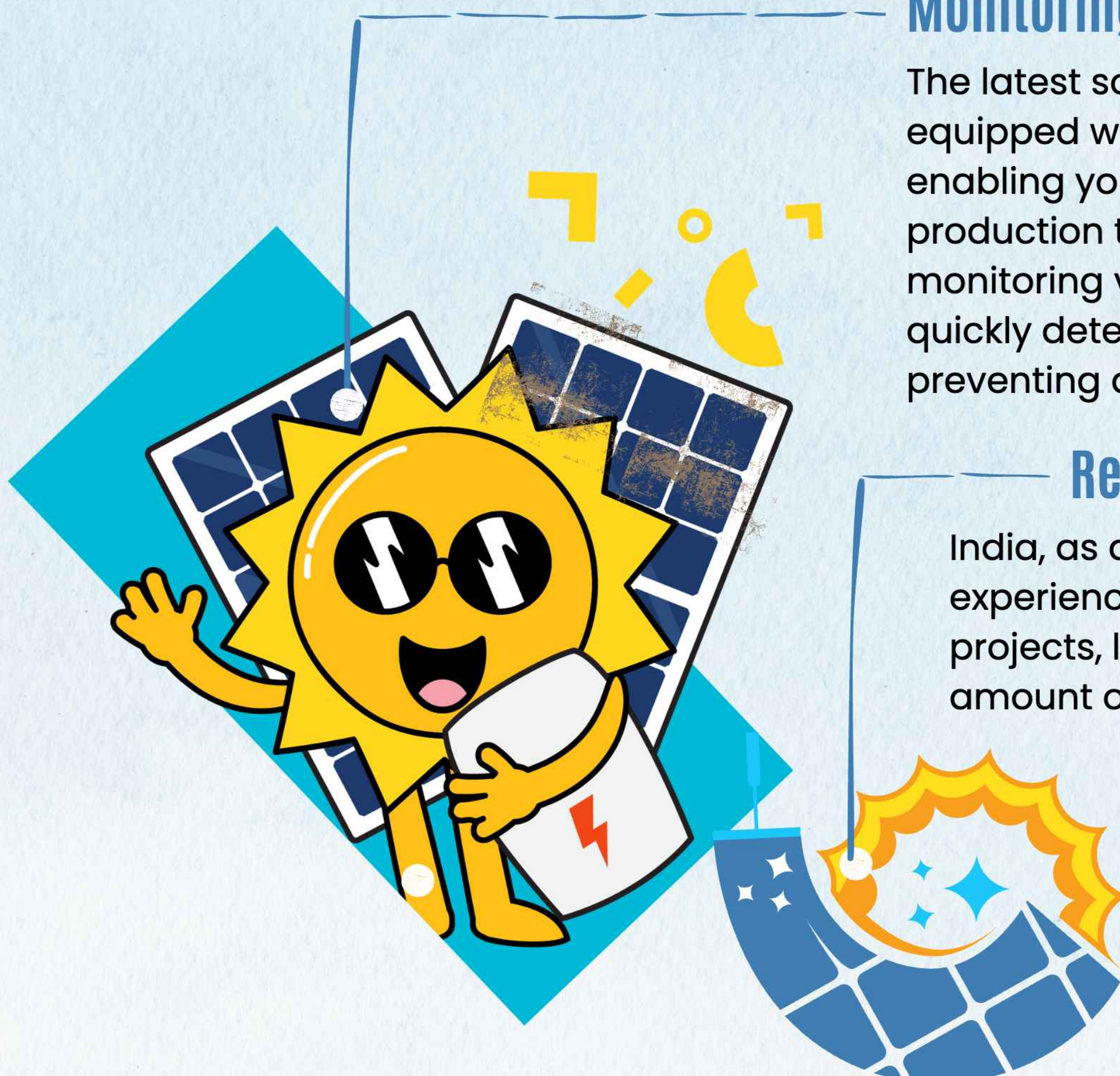
Monitoring Production

The latest solar inverters come equipped with Wi-Fi compatibility, enabling you to monitor energy production through an app. Regular monitoring via the app, allows you to quickly detect and address any issues, preventing any losses.

Regular Panel Wash

India, as a developing country, experiences ongoing construction projects, leading to a significant amount of dust in the atmosphere.

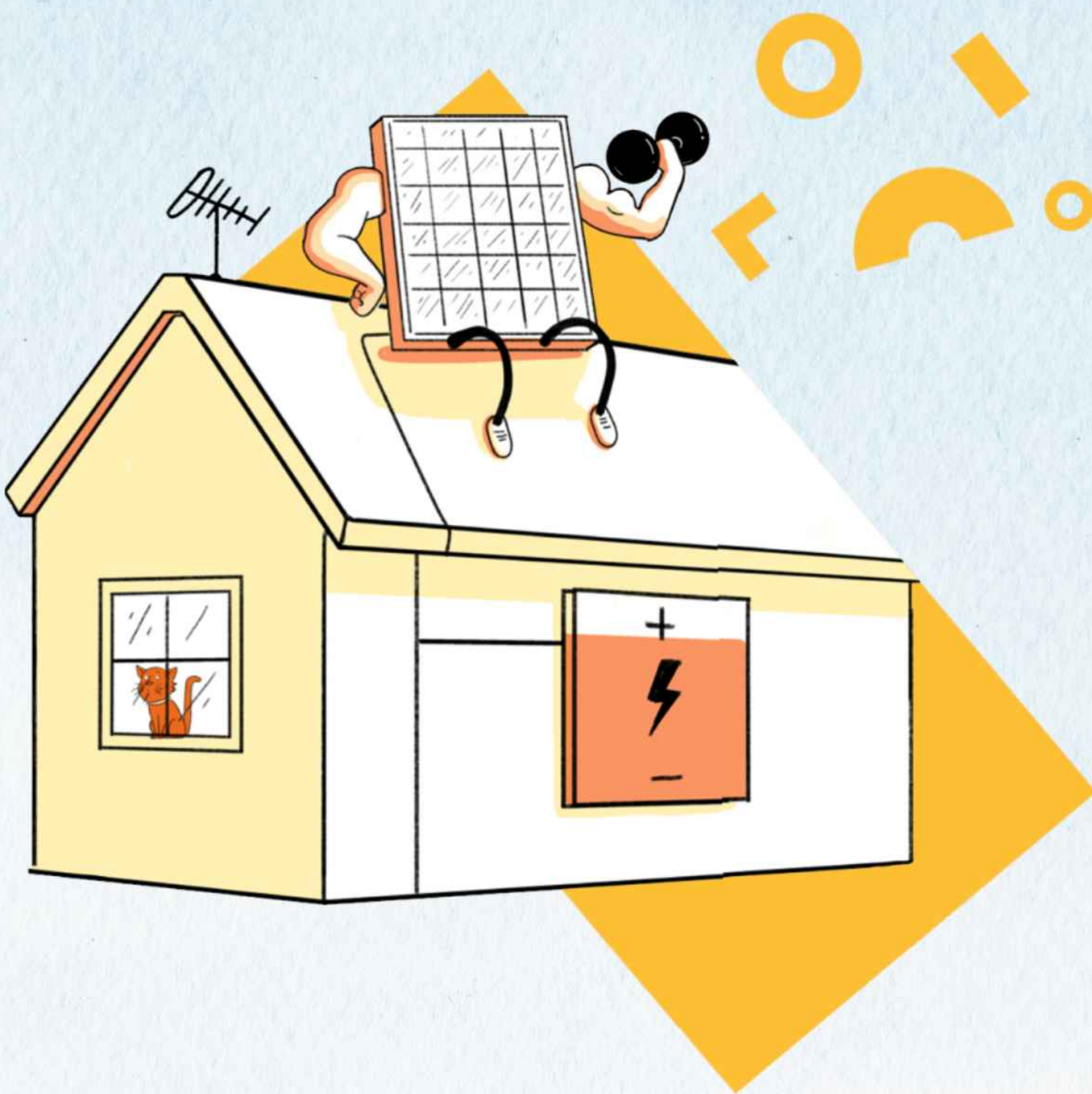
This dust often settles on solar panels, forming a layer that can reduce energy production. To prevent any loss in efficiency, it's advisable to wash your solar panels every six months, ensuring optimal performance and energy generation.



How much does solar costs? How much is the government subsidy?

The cost of a solar system can vary based on several factors, including the choice of panels, system size, type of inverter, and installation logistics such as travel. To encourage homeowners and housing societies to adopt renewable energy, **Prime Minister Modi launched a solar subsidy scheme on Feb 2024**, which offers financial incentives to make the switch to solar more affordable.

For More Information please visit [PM Surya Ghar](https://pmsurya.ghar.nic.in/)



1 - 2kW System Size

Applicable Subsidary:
₹ 30,000* Per Kw

3kW System Size

Applicable Subsidary:
₹ 78,000 Fixed

Above 3kW

Applicable Subsidary:
₹ 78,000 Fixed



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Fortunately, under the **MNRE scheme**, the government transfers the solar subsidy directly to homeowners' bank accounts within **30 days** after the inspection. This streamlined process makes it easier and more convenient for homeowners to benefit from solar energy savings without unnecessary delays.

To receive the solar subsidy, certain criteria must be met:

1. The solar panels must be manufactured in **India**.
2. The panels must comply with **ALMM (Approved List of Models and Manufacturers)** specifications.
3. The system must be installed on a rooftop and connected to the **grid**.
4. Lastly, the subsidy is only available to **homeowners**.

Meeting these requirements ensures eligibility for the government's solar subsidy program.



Avg Installation Cost
(This Cost Includes Subsidy)

₹ 1,80,000



Avg Installation Cost
(This Cost Includes Subsidy)

₹ 2,47,000



Avg Installation Cost
(This Cost Includes Subsidy)

₹ 5,20,000

Please Note : The cost of a solar system can vary based on several factors, including the choice of panels, system size, type of inverter, and installation logistics such as travel.



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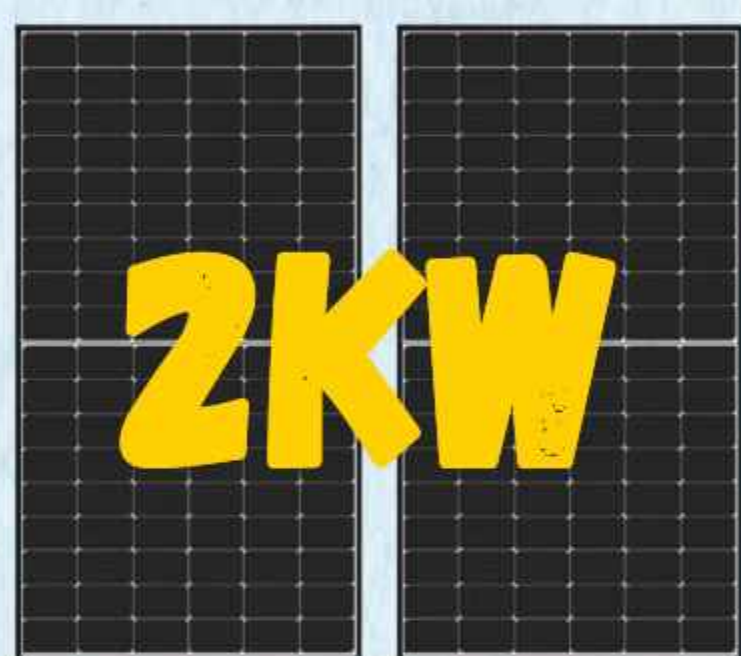
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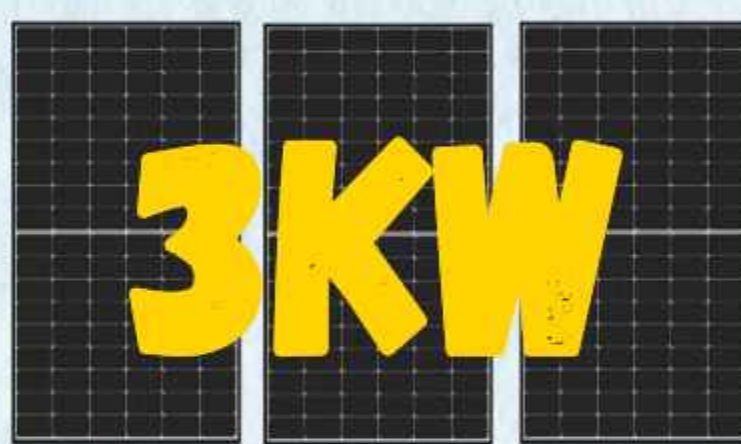
How much can I expect to save with solar?

The amount you can save will vary based on factors such as your electricity consumption, the solar system size, your geographical location, and the local electricity rates.

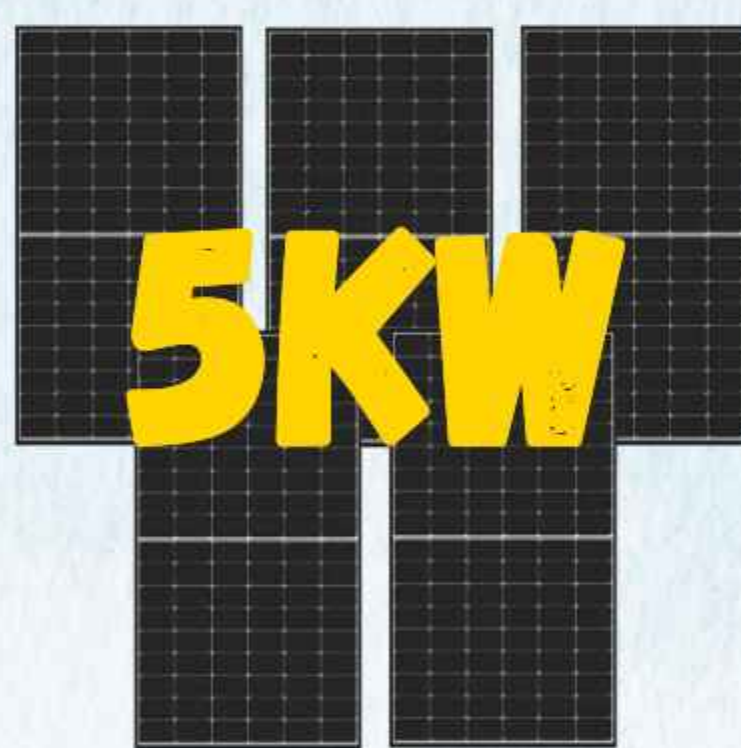
Below is an estimate of what your potential yearly savings could look like with solar energy.



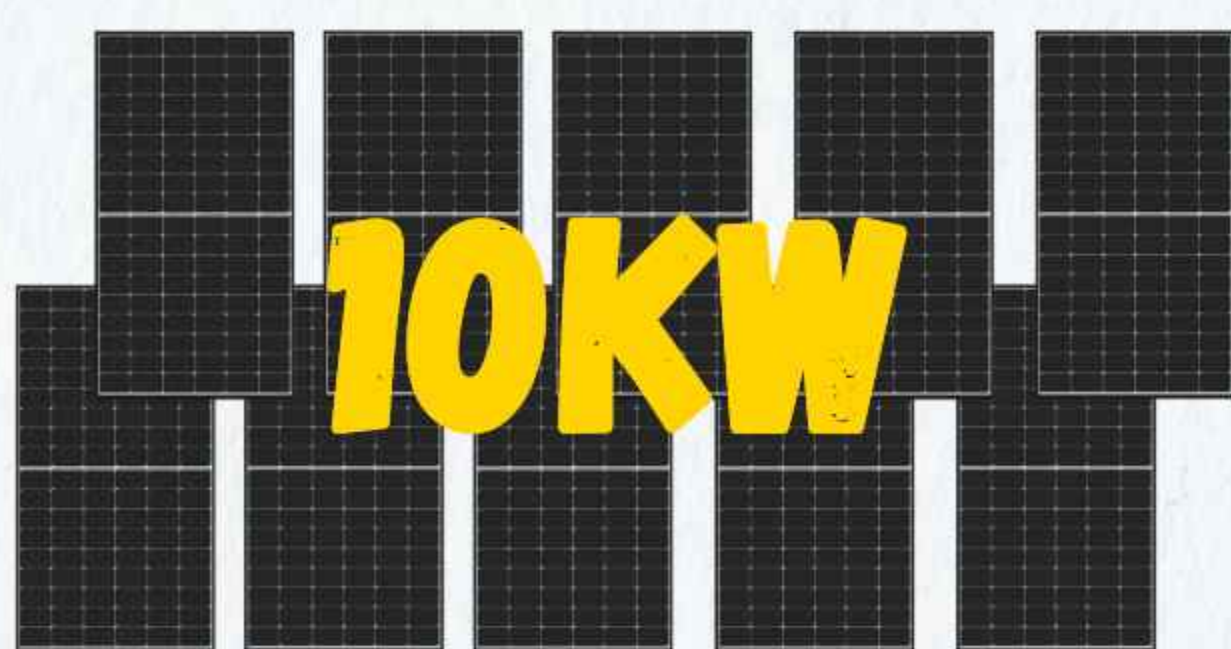
With a **2kW** Solar System you are expected to save approximately **₹25,000 Annually**, assuming average electricity tariff per unit is ₹7.5.



With a **3kW** Solar System you are expected to save approximately **₹37,000 Annually**, assuming average electricity tariff per unit is ₹7.5



With a **5kW** Solar System you are expected to save approximately **₹62,000 Annually**, assuming average electricity tariff per unit is ₹7.5



With a **10kW** Solar System you are expected to save approximately **₹1,24,000 Annually**, assuming average electricity tariff per unit is ₹7.5



Why Choose Us?



Based in Australia, our company brings over five years of expertise in solar solutions. We are thrilled to announce the expansion of our operations with the launch of our new branch in India, Archer Renewables. At Archer Renewable, we are committed to transforming the way Gujarat harnesses energy. As a premier solar company in Gujarat, we provide cutting-edge solar energy solutions designed to meet the unique needs of our clients. Whether you're looking for residential rooftop systems, commercial solar installations, or large-scale ground-mounted projects, our expertise ensures you get the most efficient and sustainable energy solutions available. **It is an honour to be powering homes, powering dreamns and decarbonising India.**

Why Choose Us?

More than just providing your energy solution - we support you further



**Quality
Installation**



**Trusted
Products**



**Quick
Response**



**Years
Expereince**



**Safe
Structure**



5+

**Of Experience in
Solar Industry**



6500+

**Number Of Homes
Solarised**



3+

**Number Of
Cities**



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OUR 5 STEP PROCESS

Switching to solar can seem daunting, but we've got you covered. Here's how it works

Free In-Home Consultation

A Archer Renewable expert will visit your home to assess your property, address your questions, and create a personalized digital design showcasing how the solar system will look on your roof.



Personalised solar proposal

Based on your requirements, our team will create a custom proposal for you. A Delight Manager is also assigned to answer your queries and keep you updated on the project.



Subsidy Paperwork

End-to-end paperwork management by us for hassle-free coordination with the local discom and securing subsidy.



Step-by-step professional & safe installation

Once you submit the advance amount, your rooftop system will be delivered and installed in a timely, clean and professional manner.



Power on your system

Switch on your system to enjoy reduced electricity bills and an energy-independent future!



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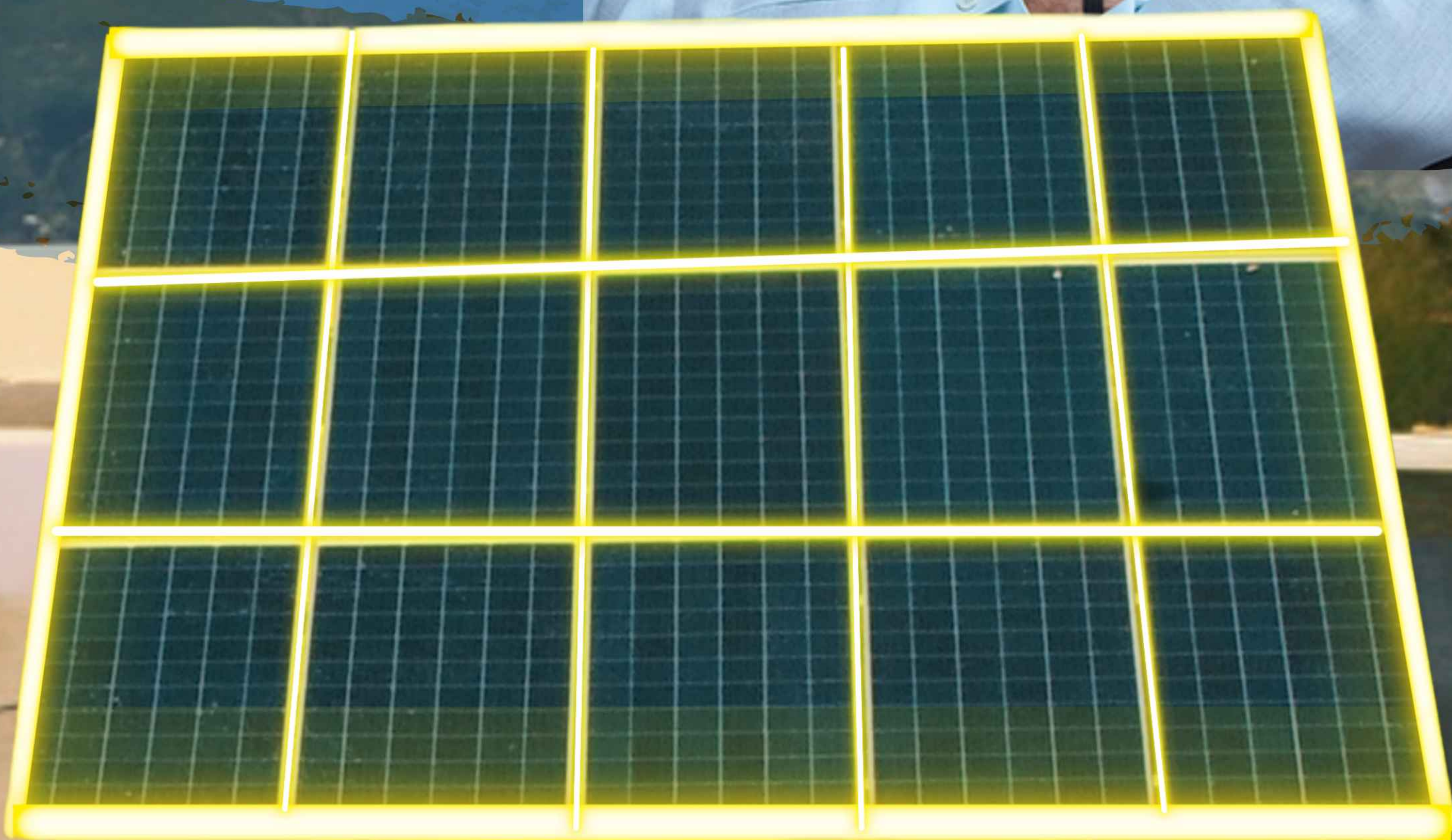
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Start saving with **ARCHER**
RENEWABLE today!

Schedule a **FREE** home visit today!

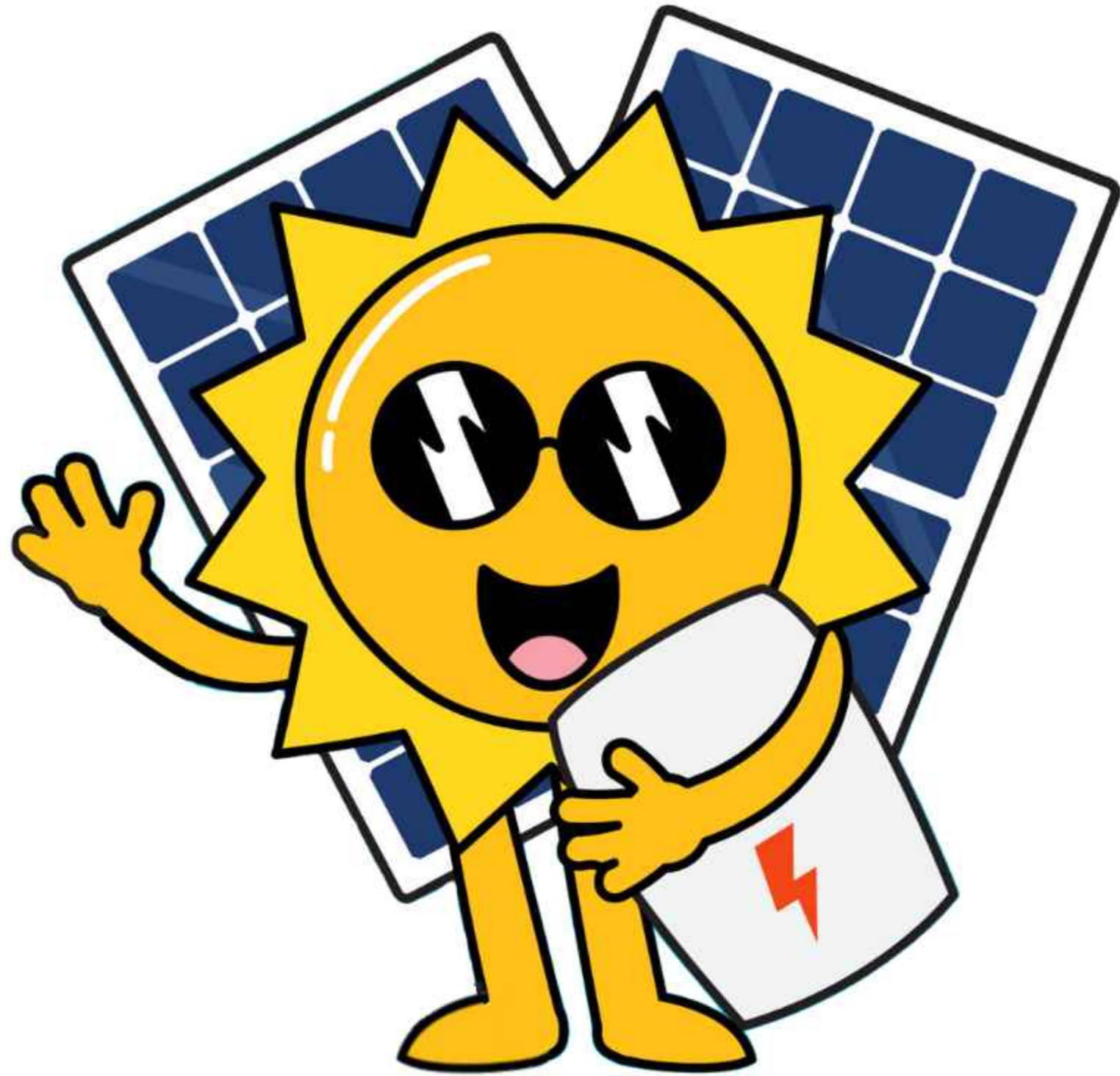
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Contact Us!

so many options, you choose!



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Message Us On



WhatsApp

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Neutral Bay, Sydney
2089

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