

# Solar for Businesses

Understanding how your business consumes power  
Gaining full control through energy use data  
Reducing your operating expenditure  
Reducing your business' carbon footprint



**SKYSOLAR**  
It's your roof... your free solar energy



# Understanding how your business consumes power

Most businesses simply get a power bill every month from their provider. One dollar figure, one total power reading. Some smart meters and new technology from power providers allows some monitoring of power use, which helps. To truly gain total transparency



## Gaining full control with energy-use data

SkySolar offer solutions that arm you with knowledge about when and where your power is being used. As part of our initial consultation, we will gain an understanding of your current power usage in order to specify the best solar solution for you and your business.

SkySolar offer solutions that can measure your power usage in property zones, individual buildings, and even individual appliances or machinery. All with a real-time digital dashboard. Our solutions can also automate power usage when excess solar power is available. For example, automating the use of certain appliances (deep freezes, pool pumps, etc) or machinery in the middle of the day.

What that does is automate parts of your property to use power only when free, zero emission solar energy is available, further reducing energy bills.





## Reducing your power bills

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SkySolar offer grid-tied, hybrid (battery storage), and off grid solutions to suit your business' requirements. Each option reduces your grid-sourced energy use to a certain degree. Grid-tied systems are the most cost effective to install, and export excess power to the grid. Hybrid systems store excess power in batteries for use at night or during a power cut, further reducing your reliance on the grid, with a higher install cost to account for the batteries.

Considering solar for your business is largely a calculation of return on investment. Choosing to power your business with solar is an investment that can be measured by dividing your total install cost by the yearly power savings it generates, giving you a pay-off period. After which it's all cost savings - money in your pocket.

## Reducing your business' carbon footprint

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We're all pretty lucky to live in New Zealand. The country known for it's clean, green image needs adopters of renewable energy to keep it that way. With a SkySolar system installed, as long as the sun rises, you'll have a zero-emission source of power. Solar energy is one of our most abundant natural resources... Why not harvest it?





# Case Study

## Scarborough Fare Herbs

SkySolar used 25 years of NIWA weather data for Auckland to overlay the solar generation with our consumption. This enables us to ensure the solar system produces usable power during the daytime period rather than over producing and sending power back to the grid.

“Our new system is allowing us to physically action our sustainable ethos in a way that our customers can get behind. Knowing that the herbs you buy are not only grown by sunlight, but the systems that support their growing are run on the same sunlight – this is real time sustainability. Hydroponic systems as large as ours demand a lot of pumping power to operate. Needless to say we’re enjoying the savings and after the initial pay-off period, the savings can be re-invested in cutting edge growing technology.”  
- Jeanette Rea, Owner

### System Details:

Total Panels: 126

Total Power Output: 37.56 kWh

Estimated yearly power output: 53100W

Inverter Details: Fronius Symo 3 phase inverters- 1 x 20kW, 2 x 10kW. Fronius Primo single phase inverter 1 x 4kW.

Panel brand and power output: 110 x 300W Trina Honey Plus on sheds and 16 x 285W Trina Honey Plus on the house.



Check out a video of the 37.5kW SkySolar system on our website: [skysolar.co.nz/installs-reviews/business-installs/](https://skysolar.co.nz/installs-reviews/business-installs/)

# About Us



## Who we are

End-to-end solar solution specialists helping smart kiwi homeowners and businesses to harness the solar energy hitting their property.

## Who we aren't

An energy company trying to look eco. A finance company looking to sign you up to a solar contract, or a solar manufacturer trying to flog our own branded products. We're not experts in carpet, insulation, heat pumps or anything else, we're experts in solar.

## Our Ethos

Your energy use and requirements aren't the same as everyone else's. Our solar installations are designed to fit your power needs. We don't do solar based on specials or run out deals, we do solar based on what's best for you.

## Specialist Experience

SkySolar is a privately (kiwi) owned solar business based in Auckland with licenced installers throughout the country. Some of our Directors and staff have over 20 years experience in the solar industry. Throughout our whole process from the first handshake to the last, there are no sub-contractors or parties outside of SkySolar that handle anything. What that means, is accountability and dependability. We're proud of our team and proud to take great care of our customers.

# Contact

Get in touch and we will be happy to offer a free, no obligation assessment of your unique power needs and goals, followed by a competitive proposal and quote.

You'll have our full support during the initial consideration process to ask us any questions you may have and back up any claims we make with data and case studies.

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