



A FOCUS ON SOLAR POWER LEADS TO SUSTAINABLE AND COST-EFFICIENT ENERGY CONSUMPTION

Brytec Stockfeed Case Study

“I’m really chuffed with it; I reckon I’ll be getting my money back within 2-3 years.”

Brytec Stockfeed produce high quality New Zealand milk powder for growing calves when they are more than just a hobby. Their product is a very healthy milk that is ideal for calves from five days old.

In 2023, Bryson Montgomery, owner of Brytec Stockfeed, was in the market of finding a reputable company to install a solar power system on the roof of his facility. The facility as well as two households on the property had been incurring high electricity bills of approximately \$3,000 per month, a cost Bryson was keen to reduce.

Bryson initially received a high-cost quote from one provider for the solar installation, who also advised him the roof of his facility was not suitable to add solar panels to and suggested installing the panels in-ground. Bryson was not satisfied with this response and found Off-Grid Electrical online, who were happy to install the solar panels on the factory roof and at a significantly lower cost.

Off-Grid Electrical installed 72 solar panels on the factory’s roof. The solar panel installation has had a significant impact on Bryson Montgomery’s energy consumption and expenses.

Since the installation, the monthly electricity bills have reduced drastically to approximately \$500 per month. This translates to a saving of \$2,500 per month, or \$30,000 per year.

“I’m really chuffed with it; I reckon I’ll be getting my money back within 2-3 years” Bryson said.



The Off-Grid team carefully installing the solar panels on the roof of the factory.



The new solar system has reduced Bryson's power bills from approximately \$3,000 to \$500 per month.

Considering the extensive power requirements of the factory, which operates 10-15 hours a day, the solar system has proven to be highly efficient and cost-effective. The factory employs various appliances, including 11 heat pumps, a 15-horsepower compressor, a 40-horsepower blender, and a walk-in freezer (installed after the solar installation). The solar system has successfully powered these appliances as well as the two households on the property, leading to substantial electricity savings.

Bryson expressed his satisfaction with Off-Grid Electricals' service and professionalism throughout the project. He commended the team for their excellent communication and regular updates during the installation process,

“They were the nicest guys, kept me informed the whole time. They had a hold up while working on another project, but they communicated this and afterwards gave me a huge gift basket.”

While currently consuming most of the solar energy generated, Bryson plans to expand the solar system in the future. He intends to install 70 more solar panels on another part of the roof, enabling the factory to generate surplus electricity to sell back to the grid. This additional source of income will serve as a passive revenue stream for Bryson.

Bryson appreciated Off-Grid Electricals' commitment to the post-installation maintenance and support of the solar system.

“They keep an eye on it and monitor it remotely for us.”

Recently, the team were able to identify a problem with the inverter, possibly resulting from a lightning strike, and promptly replaced it and repaired the wiring.

The installation of the solar power system has significantly reduced the factory's electricity expenses, leading to considerable savings. The excellent communication, cost-effectiveness, ongoing maintenance, and support provided by Off-Grid Electrical made the entire process hassle-free for Bryson. With plans for future expansion and a focus on passive income generation, Off-Grid Electrical has proven to be a reliable and trusted partner in Bryson's journey towards sustainable and efficient energy consumption.



The new solar panels also power two households on the property.



Bryson plans to expand the solar system in the future and add 70 more solar panels.

SEARCHING FOR COST-EFFICIENT WAYS TO LOWER YOUR ENERGY CONSUMPTION?

Contact Off-Grid Electrical today to discuss installing solar power panels on your commercial property!

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