

Annabelle Candy saves \$6.5m on electricity costs



US candy manufacturer invests in solar power from Centrica Business Solutions, trimming carbon footprint and protecting long-term energy costs.



“

Centrica Business Solutions has totally met our expectations. The installation was very smooth. They stayed in touch. They were always here. They came in on time, and on budget.”

Susan Karl, President/CEO, Annabelle Candy Company Inc.

90%

OFFSET



Of electricity
bill with
solar power

\$6.5m

SAVINGS



Projected over
25-year system
lifetime

646k

kWh



Energy the system is
expected to produce
in first year

Investing in long-term energy assurance

Annabelle Candy Company is one of the largest independently owned candy bar manufacturers in the US. The business saw the long-term savings offered by solar power as a way to protect against rising electricity costs and reduce its utility budget.

The company considered the possibility of installing solar power to supplement electricity needs at its manufacturing plant for several years.

When it was ready to take the next step and look into potential partners, it was immediately impressed with Centrica Business Solutions.

Meeting solar energy targets

Centrica Business Solutions created a financially attractive proposal that included high-quality solar technology, state and federal tax incentives, and additional roof work. The outcome is a project delivering an undeniably high value.

Centrica Business Solutions custom-designed a system that could meet Annabelle Candy's solar energy output targets while protecting and insulating the building's roof. The high-capacity system is comprised of non-penetrating, flat, lightweight solar tiles that install securely and protect the roof from harsh weather, UV exposure, and thermal cycling.

Regulating the building's temperature is a key benefit for a candy maker because a cooler interior helps ensure uninterrupted production of Annabelle Candy's chocolates and sweets during the hot summer months.

The results

Annabelle Candy was able to continue manufacturing its products throughout the installation process, while Centrica Business Solutions efficiently completed the system installation within the given timeframe and budget.

Why Centrica Business Solutions?

- Centrica Business Solutions' solar installation offsets 90% of the candy company's energy requirements with efficient, renewable energy
- Solar installations are custom-designed to the specific site to maximize energy production based on available sunlight
- Custom financing is available to meet a variety of commercial needs when installing a solar system
- Centrica Business Solutions' experience and track record demonstrate preparedness to help organizations find the best solar solution for their business
- Industry-leading 10-year warranties and guarantees demonstrate Centrica Business Solutions' commitment to delivering high-quality solar installations

Annabelle Candy's 438 kW solar system produces so much electricity that the local utility had to pay Annabelle Candy for the first time ever. The system is expected to produce 646,855 kWh in its first year of operation, enough energy to power 92 homes.

In the first year, the resulting energy savings will exceed \$136,000, the equivalent of 180,000 candy bars. Over the next 25 years, the system is projected to save Annabelle Candy more than \$6.5 million, paying for itself in less than five years.

At the same time, the solar electricity that it produces will offset the burning of over 52,000 gallons of fuel, demonstrating the company's commitment to a cleaner environment. For Annabelle Candy, the courage to invest during a difficult economy has been beneficial for both business and the environment.