

Building a bright future for the next generation of clean energy innovators

Case Study

Company Name:
Pvilion

Business Type:
Photovoltaic (PV)
solar technology

Location:
Brooklyn, New York

Overview

Through NYSERDA's Workforce Development Clean Energy Internship and On-the-Job Training (OJT) for Energy Efficiency and Clean Technology Programs, Pvilion—a PV solar technology company—began building a pipeline of talent, setting the stage for future generations of clean energy innovators.

Meet Pvilion

Pvilion is the world's leading provider of solar powered fabric. The company designs, manufactures, and oversees the integration of flexible PV solar structures and products ranging in scope from solar-powered curtains and building facades to solar military tents and stand-alone USB charging stations. The company provides design, engineering, permitting, manufacturing, and installation services, as well as collaborates with architects and engineers to coordinate custom installations. As an innovative, clean tech company, Pvilion had the opportunity to access funding by participating in NYSERDA's programs to train and grow their workforce.

Investing in the Future

The \$15,000 in wage subsidies awarded to Pvilion through NYSERDA's Clean Energy Internship Program enabled the company to hire four paid interns. The interns gained a broad scope of experience across the spectrum of clean energy:

- Two engineering interns gained tactile experience in designing products, helping with mechanical systems, and advancing their project management skill set.
- One sales and business intern broadened their knowledge of sales and business development including managing partnerships, creating leads, and executing on marketing opportunities.
- One architecture intern gained experience in rendering, designing projects, helping with visualizations, and advancing their project management skill set.

NYSERDA awarded Pvilion an additional \$20,480 through the OJT for Energy Efficiency and Clean Technology Program to hire two full-time employees.

Both new hires, an engineer and a business developer and marketer, have engaged in OJT training centered on smart grid and solar electric technology.

Why it Matters

New York's clean energy future is bright, and businesses can lead the way by investing in their workforce. Workforce training can help increase profitability and achieve greater resiliency at a time when the energy industry faces accelerated technological advancements. Businesses will need an innovative, engaged, and knowledgeable staff who are ready for the future of clean energy.

A robust, well-trained workforce is also fundamental to helping the State reach the goals put forward by the Climate Leadership and Community Protection Act, which includes:

- Reducing greenhouse gas emissions 40% below 1990 levels by 2030 and at least 85% by 2050
- A plan to achieve net zero greenhouse gas emissions across New York State's economy
- 70% renewable electricity by 2030
- 100% zero-emission electricity by 2040

Learn more about clean energy workforce development opportunities with NYSERDA

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