

BUSINESS ENERGY SOLUTIONS

ENERGY EFFICIENCY CASE STUDY:

Accel International
Cheshire, CT

Accel International, a specialty cables and wires manufacturer, is experiencing strong growth. When it was time to add a new location to support Connecticut operations, the leadership team set out to optimize energy use and better manage operating costs.

The Challenge

The leadership team wanted the new location to support aggressive production, capacity, and operational goals while minimizing operating costs.

The Eversource Solution

The manufacturer turned to Eversource for technical expertise and access to financing and incentives. Together, the team selected new energy efficient manufacturing equipment, lighting and building systems. Several projects utilized the latest technology and best practices also used at Accel International's nearby manufacturing location.

Energy efficiency measures included

- Energy-efficient manufacturing equipment and compressors
- High-efficiency building systems
- LED lighting with occupancy sensors

Results Summary

- \$100,000 in annual energy savings
- 35 million kWh saved over the anticipated lifespan of the new equipment, LED lighting and controls

Environmental benefits over the lifespan of the installed improvements equivalent to:

- 27,000 tons of carbon dioxide emissions avoided
- 5,255 cars taken off the road for a year
- Planting more than 400,000 trees

"Working with Eversource allowed us to envision the possibilities of the new space and also make strategic decisions based on our individual business operations. We addressed our production needs and applied many of the established production efficiencies to this project. Our new space was up and running on time and on schedule, which is an accomplishment that required teamwork and expertise."

- Tony Oh, Accel International CEO

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