

## Swissturn/USA

“We’ve significantly reduced our dependence on the grid, and have helped stabilize our electricity costs. Solect knew exactly how to help us maximize our system.”

- Ken Mandile, President



### Fast Facts:

**Location:** Oxford, MA

**Owner:** Swissturn/USA

**System Size:** 135.3 kW

**Number of Panels:** 451

**Technical Details:** The system features 451 panels from ET Solar, Solectria inverters and mounting hardware from Ecofoot 2 - Ecolibrium.



### Client Overview

Swissturn/USA is a family-owned manufacturer of fine-precision metal and plastic components located in Oxford, MA. The company employs 50 high-tech employees.

### Challenge

The company runs its operations “lights out,” meaning when the employees leave for the day, the computer-controlled machines keep working. As a result, Swissturn’s electricity costs were significant. Controlling costs without sacrificing productivity was of high importance to the company. The company investigated solar a few years earlier, but knew it was relocating to a new facility.

### Solution

After settling into the new facility, Swissturn partnered with Solect Energy Development to install a 135.3 kW solar system to help control costs. Swissturn decided to purchase the system outright, allowing the company to take advantage of the tax and financial incentives associated with solar energy in Massachusetts.

### Results

The system is expected to reduce Swissturn’s electricity costs by up to 30 percent annually, saving the company up to \$20,000 each year. In addition, Swissturn is able to generate significant additional revenue annually through the SREC program.