



## Project Highlights

*Location*

Waterloo, Iowa

*Commissioned*

December, 2016

*Capacity*

103 kWdc / 90 kWac

*Production Estimate*

123,500 kWh/year  
(21% offset)

*Panels*

396 x 260W  
polycrystalline

*Mounting*

Delta Wing Rooftop

*Inverters*

4 x 30 kW/each

## Single Speed Brewery

Single Speed's owner and President was motivated to go solar to reduce the carbon footprint of a larger urban revitalization project and qualify for LEED certification. The building they renovated for their second brewery location was built in 1927 and is in a historic preservation district in Waterloo.

The two year project was consistently challenged with balancing historic preservation goals with sustainability principles. The solar system was no exception, as one city zoning requirement was that the solar system could not be visible from the ground. This constraint was a key reason the company chose SunPeak's Delta Wing East/West low profile system. SunPeak's system designers also created a custom design recessing the array away from the edges of the building, concentrating the system near the parapet and providing several mock ups prior to submitting plans to the City of Waterloo.

## Benefits at a Glance



Solar reduces electricity costs which has a substantial impact on decreasing overall operating expenses.



Solar electricity production is synchronized with electrical demand times for a brewery operating equipment 24/7.



Solar systems can be immediately cash-flow positive using various financing structures.



Solar creates a competitive advantage highlighting your commitment to sustainable and efficient business operations.

## Sustainability

The environmental offsets from this project are significant over 30 years.

1,300 tons



of coal

800 tons



of landfill

2,600 tons



of CO<sub>2</sub>

5,640,800 miles



of driving

60,700 trees



planted

3,435,800 kWh



*"Balancing historic preservation requirements with sustainability principles was a challenge. We assembled a team of experts to move through the process. SunPeak was a vital part of that team."*

**Dave Morgan, Owner**  
Single Speed Brewery



## About SunPeak

SunPeak is a commercial solar developer headquartered in Madison, Wisconsin. Businesses can be confident of SunPeak's capability to professionally assess feasibility, design & engineer, install, commission, and maintain a solar system that will provide decades of emission free electricity from the sun.

Projects typically range from 100kW to 5MW and offer significant cost savings relative to conventional utility electric rates.

Due to SunPeak's extensive relationships with the world's best-in-class solar component suppliers, clients receive an optimal balance of cost effectiveness and performance. The SunPeak team has successfully installed over 400 MW of clean, green, renewable energy globally.



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