



ORION ENERGY SYSTEMS



GUARANTEED ENERGY SAVINGS

Made in the **USA.**



A POWER TECHNOLOGY ENTERPRISE™



Corporate Campus

Technology Center and World Class Manufacturing
260,000 ft²
Manitowoc, WI

Orion Energy Systems Inc.

Comprised of some of the best talent in the industry, Orion Energy Systems is a leading power technology enterprise that designs, manufactures and deploys energy management systems that significantly reduce energy costs for commercial and industrial companies while delivering capacity to utilities throughout North America.

With our 70,000 square foot state-of-the-art Technology and Training Center and 260,000 square feet of world class manufacturing facilities, Orion has cemented its position as a leader in the energy industry.



World Headquarters

70,000 ft²
Manitowoc, WI

Orion Engineered Systems

- Expertise in the latest direct renewables

Orion Asset Management

- Patent-pending financial options

Orion Agricultural Division

- Products and services since 1996

Great Lakes Technology

- State-of-the-art Manufacturing



Orion Engineered Systems

28,000 ft²
Plymouth, WI



A POWER TECHNOLOGY ENTERPRISE™

What We've Done

Orion has deployed its energy management systems in **5,870 facilities** across North America including **123 of the Fortune 500**.

Since 2001, Orion technology has displaced more than **552 megawatts**

A one-time investment for a lifetime of savings...

SAVING CUSTOMERS:

- **More than \$935,000,000**
- **12,146,316,265 kWh**
- **8 million tons CO₂**
from entering the atmosphere



The Orion Impact

Orion has delivered significant savings to some of the best known, toughest customers on the planet.

Repeatedly.

Going Global

Orion solutions are deployed globally including **73 of the Global Fortune 500** in countries such as **Brazil, Canada, Chile, China, England and Mexico.**



93 completed



17 completed



309 completed



41 completed



95 completed



9 completed



145 completed



75 completed



Orion Energy Systems Inc. Corporate Campus
Manitowoc, WI





Orion Energy Systems Inc. **Renewable Technology Portfolio**

Combined solar installation:

98kW Apollo® Solar Light Pipe mfd. by Orion Energy Systems, Manitowoc, WI

273kW Photovoltaic Array manufactured by Solyndra, Fremont, CA

pictured above (close up of rooftop) and on rooftop at left

20kW Wind Turbine manufactured by Renewegy, Oshkosh, WI

pictured at left



Orion Energy Systems Inc. Corporate Campus
Manitowoc, Wisconsin

Integrated Operation

Intelligent, integrated energy management systems from Orion are the key to long-term energy efficiency and improved profitability without compromise.

Case Study

Production Facility | Integrated System



Miller Brewing Co.

Milwaukee, Wisconsin

MILLER BREWING CO



Before Orion – 465 Watts per fixture



Orion Compact Modular – 220 Watts per fixture



Orion Apollo® and Intelite® – 0 Watts per fixture
"Get Off the Grid!™"

ANNUAL ORION IMPACT

Annual Savings

Energy Savings	\$595,000
20 -Year Gross Savings	\$11,900,000
Total Displaced Energy	9,000,000 kWh

Environmental Impacts

CO ₂ Reduction	6,134 tons/year
SO ₂ Reduction	24 tons/year
NO _x Reduction	9 tons/year

Environmental Equivalents

Planting 1,651 acres of trees
Removing 1,454 cars from the road

Miller's implementation of Orion's integrated energy management platform combines Orion's patented **Compact Modular™** HIF fixtures with wireless **Intelite®** controls and direct renewable **Apollo® Solar Light Pipes**. The Milwaukee brewery was chosen to implement the upgrade to test the concept. Once the test proved the concept, the breweries and operations teams rolled out the integrated solutions across all major breweries throughout North America.

"The new fixtures provide better light, are more efficient and help reduce Miller's energy consumption. New motion sensors automatically conserve energy when the lights are not needed and the integrated light pipes determine and regulate the amount of light needed, if at all, during daylight hours."

Miller Brewing Co.

2008 Sustainable Development Report



A POWER TECHNOLOGY ENTERPRISE™



ORION ENERGY SYSTEMS INC.

World Headquarters

2210 Woodland Drive
Manitowoc, WI 54220

www.oesx.com

877.204.7540

NYSE Amex: OESX