

Case Study:

Aldo Leopold Legacy Center

Baraboo, Wisconsin

“The Aldo Leopold Center is one of twenty newly constructed Platinum LEED certified buildings in the US, earning 61 out of a possible 69 LEED certification points. It is a true “zero energy” structure using daylight, geothermal, and other technologies.”

– **Andrew Bangert**, H & H Solar Energy Lead Installer

System Specifications

System Size

39.6kW

Estimated Yearly Power Production

46,000 kWh

System Configuration

Utility Interaction - Grid Connected

Solar Modules - 198 Kyocera KC200GT

Inverters - 9 Aurora 3.6 kW

Mount Structure

S-5™ solution from UniRac fasten to the building's standing seam metal roof. Allows for low installed cost without roof penetrations.

Unique Feature

Optimizes energy performance by over 60%. Major contributor is the space heating/cooling system, Earth Tube System, a simple form of geothermal that uses 24" concrete pipes to cool air in the summer and heat during the winter.

Unique Fact

One of the Highest Ranked LEED Certified Buildings in the World, Earning LEED Platinum Rating Status.

Location

E13701 Levee Road, Baraboo, Wisconsin 53913

Date Completed

April 2007

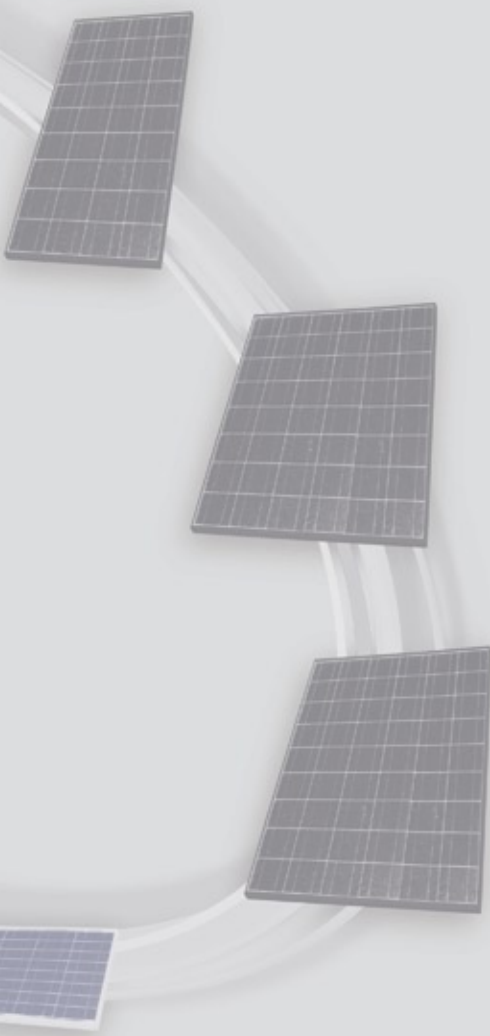
Designer/Installer/Contractor

H & H Solar Energy Services



Aldo Leopold Legacy Center

Baraboo, Wisconsin



About H & H Solar Energy Services, Inc.

H & H Solar Energy Services, currently the leading PV installer in the state of Wisconsin, is a division of H & H Group, which was founded in 1901 and provides mechanical, electrical, plumbing and communication cabling services for industrial, commercial and residential projects. H & H Solar Energy Services delivers complete design/build turnkey services for commercial and residential solar electric installations. H & H recently added solar hot water services to meet increasing demand.

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About Kyocera

Kyocera Solar, Inc. is a world-leading supplier of environmentally sound, solar electric energy solutions. With operating headquarters in Scottsdale, AZ and regional sales centers in the U.S., Brazil and Australia, Kyocera Solar, Inc. serves thousands of customers in both developed and developing regions. The company is a wholly-owned subsidiary of Kyocera International, Inc. of San Diego, the North American headquarters and holding company for Kyocera Corporation, based in Kyoto, Japan. For more information please visit www.kyocerasolar.com.

The Kyocera Corporation (NYSE: KYO) is the parent and global headquarters of the Kyocera Group, founded in 1959 as a producer of advanced ceramics. By combining these engineered materials with metals and plastics, and integrating them with other technologies, Kyocera Corporation has become a leading supplier of solar energy systems, telecommunications equipment, laser printers, copiers, semiconductor packages, electronic components and industrial ceramics. In fiscal year ending March 31, 2008, the company's net sales totaled 1.29 trillion yen (approximately \$12.9 billion). For more information please visit <http://www.kyocera.com>.

Under continuous development since 1975, solar energy products recently became Kyocera's fastest growing business. By 2011, Kyocera plans to be producing 500 megawatts of solar modules annually – a "carbon impact" comparable to adding 146 square miles of forest to the Earth every year.

THE NEW VALUE FRONTIER



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