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## Press Release

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### **CINCINNATI CHARGES UP WITH SOLAR ELECTRIC POWER**

- Two new green buildings feature large solar arrays

CINCINNATI, OH, MAY 19, 2006: Dovetail Solar & Wind, one of Ohio's leading providers of renewable energy systems, announced today the completion of two of the largest solar electric installations in the Cincinnati area as prominent elements of new green buildings.

#### ***ZOO GOES GREEN***

The Cincinnati Zoo & Botanical Garden engaged Dovetail to install a 19.3 kilowatt solar photovoltaic array on the Zoo's new Harold C. Schott Educational Center building. The Education Center, which is currently under construction, will be a dynamic facility that integrates the excitement and wonder of exploring a rain forest habitat with the creative approach to educating children and adults for which the Cincinnati Zoo & Botanical Garden is nationally renowned.

The 31,000-square-foot Education Center, designed by CLR design inc. and Glaserworks, and being built by Turner Construction, will be home to the Zoo's expanded educational programs as well as a 250-seat general-purpose auditorium. Ten new classrooms will encircle a "Discovery Forest," a large round greenhouse containing both plants and animals that will greatly enrich the overall learning experience. The Center will accommodate overnight student groups and clubs that participate in the ever-popular Nocturnal Adventures program.

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The solar system was installed by Dovetail working as a subcontractor to B&J Electric. It is one of several "green" building features incorporated into the Center. It uses 168 units of Evergreen Solar, Inc. 115 watt photovoltaic modules installed on the South facing roof. The DC power produced by this large array is converted into 208 volt AC power by five PV POWERED 4600 grid-tie inverters, and feeds into the building's standard electrical system. It will significantly reduce the external electrical power that will be required to operate the building. Any excess power that is generated by the solar system will automatically route to the utility power grid. This non-polluting, renewable energy system will avoid approximately 68,000 pounds of global warming CO2 from being produced annually by a traditional fossil fuel electric power plant.

#### ***NEW MELINK HEADQUARTERS LEADS THE STATE***

In April, Dovetail added an 11 kilowatt solar array to the new Melink Corporation headquarters in Milford, Ohio. Melink is one of the leading providers of heating, ventilation and air-conditioning (HVAC) products and services for restaurant, supermarket, and retail chains.

Melink Corporation's new 30,000 square-foot headquarters is located just east of Cincinnati, Ohio. Initial review indicates the building will earn a LEED 'gold' certification from the U.S. Green Building Council. A gold ranking would make Melink's building the only one in Ohio, and among a select group in the world achieving this level. The solar photovoltaic system installed by Dovetail on the roof of the building is one of numerous green building features incorporated into this state of the art facility. The building features a geothermal variable-speed pump; a high-performance envelope including the roof, walls, and windows; natural lighting and passive ventilation strategies; indoor air quality controls; dual flush toilets and waterless urinals; recycling systems; and many other green elements. Preliminary analyses of utility bills confirm the building's energy and water efficiency.

The Melink solar system installed by Dovetail is comprised of 64 Sharp Electronics Corp. 170 watt photovoltaic modules installed on ballasted racks on the building's roof. The DC power produced by this 10.9 KW array is converted into 208 volt AC power by two PV POWERED 4600 inverters and feeds into the building's standard electrical system. Net Metering will

ensure that any excess power that is generated by the solar system on weekends will automatically route to the electric utility power grid. This non-polluting, renewable energy system will keep approximately 40,000 pounds of global warming CO2 from being produced annually by a traditional fossil fuel electric power plant.

"We are delighted to have been selected by both these industry leaders to be their renewable energy partner as they built their advanced, environment friendly facilities", stated Mr. Matthew Bennett, President of Dovetail Solar & Wind. "It is exciting to see solar energy gaining momentum in the Cincinnati area. This echoes the strong demand Dovetail is experiencing across Ohio for solar and wind power generation from residents, and commercial and non-profit organizations as they move to clean, renewable, cost-effective energy."

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**BACKGROUND AND RESOURCE REFERENCES FOR EDITORS****DOVETAIL SOLAR & WIND**

Established in 1997 and privately held, Dovetail Solar & Wind is one of the oldest and largest installers of solar and wind energy systems in Ohio. Dovetail is headquartered in Glouster, Ohio near Athens. The company opened a second location in Chagrin Falls, Ohio in January 2006 to address the growing renewable energy demand in Northern Ohio. In addition to the Cincinnati projects covered in this press release, Dovetail is experiencing strong customer demand across the state. The company plans to continue to invest in staff at both locations as well as open additional offices over the next several years to lead the expanding Ohio market for renewable energy. See: [www.dovetailsolar.com](http://www.dovetailsolar.com)

**CINCINNATI ZOO & BOTANICAL GARDEN**

The world famous Cincinnati Zoo & Botanical Garden was rated the #1 attraction locally and one of the top zoos in the nation by Zagat Survey. It has also been recognized by Child Magazine as one of "The 10 Best Zoos for Kids." Over one million people visit the Zoo's award-winning exhibits, and more than 500 animal and 3000 plant species annually. The Zoo is an accredited member of the Association of Zoos & Aquariums (AZA), the American Association of Botanical Gardens and Arboreta (AABGA), and Botanic Gardens Conservation International (BGCI), is internationally known for its success in the protection and propagation of endangered animals and plants, and engages in research and conservation projects worldwide. See: [www.cincinnati-zoo.org](http://www.cincinnati-zoo.org)

**MELINK CORPORATION**

Melink, founded in 1987 by Steve Melink, is one of the leading providers of heating, ventilation and air-conditioning (HVAC) products and services for restaurant, supermarket, and retail chains. Their Intelli-Hood® controls are one of the most popular energy-saving technologies in the foodservice industry, while their national, certified Testing & Balancing services are considered the industry standard. The company is an Ohio success story having grown to serve many of the largest chains in the U.S. and the world, as well as, is a leader in the green building movement. See: [www.melinkcorp.com](http://www.melinkcorp.com)

**US Green Building Council LEED standard**

The LEED (Leadership in Energy and Environmental Design) Green Building Rating System® is a voluntary, consensus-based national standard for developing high-performance, sustainable buildings. USGBC's members, representing every sector of the building industry, develop and continue to refine the LEED standards. See: [www.usgbc.org/LEED/](http://www.usgbc.org/LEED/)

Background information on renewable energy in Ohio:  
[www.greenenergyohio.org](http://www.greenenergyohio.org)

Background information on solar industry:  
<http://www.solarbuzz.com/FastFactsIndustry.htm>