



TMBA installs new solar-powered EV charging station at HQ

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For T.M. Bier & Associates, Inc., helping property owners, businesses and non-profit organizations increase their energy efficiency has been a top priority since its inception in 1977. Today, numerous buildings across the tri-state area have lowered their energy bills and reduced their carbon footprint as a result of TMBA's end-to-end building automation, control system and related product applications. Now, the company has taken its commitment to the environment to yet another level through its solar-powered electric vehicle (EV) charging station.

TMBA's charging station is located at its corporate headquarters and draws its solar power from a solar-paneled canopy. It is capable of charging 50 amps, 240 volts and can provide power for diverse electrical vehicles such as the Nissan Leaf, Chevy Volt, BMW Active-e and Tesla. The charging station space has power to charge an EV for a 30-mile range per hour of charge.

TMBA is no stranger to charging stations having played a major role in Hempstead's solar-powered energy-charging carport station facility at the East Marina in Point Lookout. The facility includes three charging stations each with two levels of charging: 120V and 240V. The project was facilitated by a \$4.6 million grant from the U.S. Department of Energy.

According to TMBA President and CEO Ted Bier, P.E., "It is just a matter of time when electric vehicles and charging stations will be accessible in office buildings, shopping centers, universities, multi-family residential complexes, airports, etc. Most Americans recognized that each of us has a responsibility to preserving our environment. There is also the matter of helping the nation address our dependency on foreign fuel. Electric vehicles and solar-powered charging stations represent another tactical strategy for long-term sustainability."

Pictured here is the TMBA Electric Vehicle Charging Station which is powered by solar and controlled by a building management system. The station incorporates specialty components of Connecticut Electric (Anderson, Indiana).

About T.M. Bier & Associates

T.M. Bier & Associates is one of the New York-Tri-State area's largest independent control systems integrators and has been at the forefront of the building automation and energy management field for over three decades. The company offers end-to-end capabilities, from the design, installation, monitoring and servicing of building management, controls, HVAC, lighting and security systems, to deregulated energy and financing programs. Through TMBA's comprehensive services, building owners and operators are realizing many important benefits, including up to a 50% reduction in operating costs, an extended lifespan of building equipment, improved indoor air quality and comfort, in addition to reduced carbon footprints. The company is a "go to" resource for leading

builders, developers, general contractors, commercial/industrial property owners, and property managers. T.M. Bier & Associates lists among its diverse clientele, Fortune 500 companies, hospitals, libraries, schools, shopping malls, and municipalities. For more information, visit: www.tmba.com.

CONNECTICUT ELECTRIC, INC. is a designer, manufacturer and distributor of specialty electrical components that are sold through electrical distributors, hardware stores and home improvement retailers. Connecticut Electric, Inc. products include proprietary branded circuit breakers as well as manual transfer switches, spa panels, RV Power Outlets and Marine Products. Connecticut Electric also sells power converters to the recreational vehicle market through its Parallax Power Supply division. Connecticut Electric, Inc. is headquartered in Anderson, Indiana.

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