

# SOLAR Canopies: Turn your Parking Lot into a Power Plant



## SOLAR CANOPIES FOR PARKING LOTS – RETHINKING RENEWABLE ENERGY

Pfister Energy is the solar parking canopy expert. The PV canopy solutions completed recently at Baltimore’s McHenry Row and T. Rowe Price, as well as ongoing work at Johns Hopkins University are proving to lower operating costs and stabilize the properties’ energy bills for the next 25+ years.

The free-standing raised structures produce clean, renewable energy. They also provide for a nicer place to park. The canopy shades cars from the elements, including hot sun in the summer and foul weather in the winter months. Parking canopies are a great way to deploy unused space to lower your operating costs and “green” your campus. The investment also provides a hedge against the volatile electrical rates that are predicted to increase regularly in the coming years. Install a solar parking canopy and watch the sun go to work.



*Parking Garage Canopy*



*McHenry Row, Baltimore, Md.*

***"The Johns Hopkins University project is expected to generate more than 2,670 megawatt hours of electricity a year—which would be enough to supply 240 average homes with power."***

*Courtesy: HUB at Work*

*Parking Solar Canopies –T. Rowe Price campus, Owings Mills, Md.*



Design and construction that’s proven and experienced.



Pfister Energy is a renewable energy construction company providing innovative solutions and energy efficient systems for commercial, industrial, and institutional facilities. The company is a national provider and installer of turnkey renewable energy and on-site distributed power generation systems, predominantly with Solar PV systems. As an engineering, procurement, and construction company we assist our clients in navigating all of the federal, state, and local incentives. Pfister also assists in finding the best financing solution to meet the specific needs of its clients.

Pfister Energy offers customized designs and assists clients with the implementation of the latest technologies and with the highest standards.

Pfister Energy's foundation in construction knowledge comes from its heritage via Cole Roofing Company, a nearly 100 year old, multi-generation commercial roofing company. Family owned since 1919, Cole Roofing supports Pfister with the knowledge, ethics and dependability that clients value when they invest in a project that will benefit their organization with over 25 years of performance.

Pfister Energy understands roofing construction, energy systems and financial opportunities. This combination of experience and innovation is unique in the commercial energy segment, and provides our clients with unmatched capability.

### **Case study: Green Energy Opportunity Grace Community Church, Maple Lawn, MD**

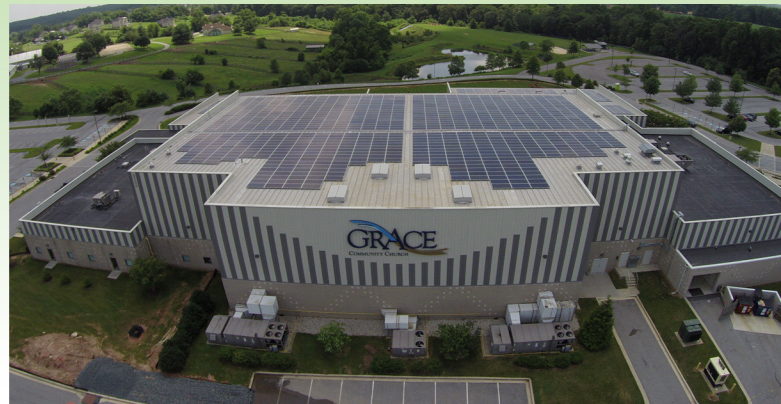
Under the direction of Blair Nordvedt, Facility Manager of Grace Community Church a 354kW solar photovoltaic array was constructed for its growing facility in the spring of 2015. Mr. Nordvedt recalls: "In 2013 Grace started looking into solar photovoltaic power for the church building. Our facility is nine years old and has a large south facing, non-shaded metal roof. Pfister Energy's history of working with large commercial roof projects, seemed to set them up particularly well for working with our facility. We performed extensive financial analysis and concluded that the project was well suited to produce consistent and long-term electric utility savings. GCC is a church dependent on the generous giving by our congregation. We want to be the best stewards of those offerings that we can possibly be. This project supports having more of our donations go to missions, children's programs or other ministries instead of utility costs for our buildings."

The Solar array will provide the Church, an offset of more than 65% of its energy needs. The system is designed to generate on-site power just for the impressive GCC facility.

The Grace Community Church project is estimated to save equivalently each year:

- 10,000 trees
- 400 tons of Carbon Dioxide emissions
- 44,000 gallons of gasoline.

Pfister Energy's long history of providing commercial customers a combination of experience, commitment and integrity was essential in the evolution of the project from concept to completion. It has been a great privilege to build a better foundation for Grace Community church and their members for many years to come.



*Grace Community Church, Maple Lawn, MD*

