

# **BWI Marshall Airport Highlights Solar Energy Project, Other Energy Performance Improvements**

## **Solar Panels for Airport's Daily Garage Among Many "Green" Measures**

Executives from Baltimore/Washington International Thurgood Marshall Airport and Pepco Energy Services today showcased a new solar energy project at the Airport. The 505 kW solar photovoltaic (PV) system, one part of a comprehensive energy performance program, was recently installed on the top level of the BWI Marshall Airport Daily Garage.

"BWI Marshall Airport is an international gateway to Maryland and the entire National Capital region," said Governor Martin O'Malley. "By investing in smart, innovative solutions like this solar initiative, we are creating jobs and making real progress towards our goal of generating 20 percent of our State's energy needs from renewable sources by 2022."

The 505 kW solar project installed on a canopy system on the top level of the BWI Marshall Daily Garage is designed to produce over 600,000 kilowatt hours (KWh) of electricity each year. The solar power generation equipment ties directly to the Airport's electrical distribution system. The project was designed to reliably produce energy for more than 20 years.

"This green project is another important, high-profile demonstration of our commitment to renewable energy and environmental stewardship," said Paul J. Wiedefeld, Executive Director of BWI Marshall. "The solar project created both environmental and economic benefits for BWI Marshall."

The BWI Marshall solar project is one measure in a broad energy efficiency program for the Airport. In 2010, BWI Marshall initiated a contract with Pepco Energy Services to develop a program that would create significant energy and operational savings. Pepco Energy is nearing completion on specific energy conservation measures throughout the Airport.

"Everyone at Pepco Energy Services is proud of our continuing relationship with the Maryland Aviation Administration and the opportunities that it has provided us to reduce the MAA's carbon footprint and to create an award winning solar energy system," said David Weiss, Pepco Energy Services' Chief Operating Officer. "Helping our clients cut their energy costs while reducing their impact on the environment is always a major goal of any project that we undertake. The fact that this project was awarded the Maryland Quality Initiative 2012 Green Sustainability Environmental Award for Excellence is further recognition of that commitment."

Beyond the solar project, other energy performance measures include: comprehensive lighting improvements, water conservation measures, central utility plant improvements, and enhanced controllers on escalators and moving sidewalks. The infrastructure improvements and renewable technologies will help BWI Marshall to conserve energy, reduce environmental impact, and save money. The majority of the cost of the work will be realized from energy and utility savings over the term of the contract.

The BWI Marshall energy performance program reflects the goals of Maryland's Smart, Green and Growing initiative. Introduced by Maryland Governor Martin O'Malley in October 2008, Maryland's Smart, Green and Growing program was created to strengthen the State's leadership role in fostering smarter, more sustainable growth and inspire action among all Marylanders to achieve a more sustainable future. The initiative brings together State agencies, local governments, businesses and citizens to create more livable communities, improve transportation options, reduce the State's carbon footprint, support resource based industry, invest in green technologies, preserve valuable resource lands, and restore the health of the Chesapeake Bay.

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